ArcIMS 9.0 System Requirements

This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcIMS 9.0.

- **HP HP-UX 11.i (32-bit or 64-bit) PA RISC**
  - Apache 2.0.48
  - Apache 2.0.46
  - IBM HTTP Server 1.3.26
  - Oracle Application Server 9.0.3
  - Sun Java System (Sun ONE) Web Server 6.0 SP 5
  - WebLogic 8.1
  - WebLogic 7.0 SP 2

- **IBM AIX 5.1.0.0**
  - Apache 2.0.48
  - Apache 2.0.46
  - IBM HTTP Server 1.3.26
  - IBM HTTP Server 1.3.28
  - Sun Java System (Sun ONE) Web Server 6.0 SP 5
  - WebLogic 8.1
  - WebLogic 7.0 SP 1

- **IBM AIX 5.2.0.0**
  - Apache 2.0.48
  - IBM HTTP Server 1.3.28
  - WebLogic 8.1

- **Linux-Intel Red Hat Enterprise Linux AS/ES 3.0**
  - Apache 2.0.48
  - Apache 2.0.46
  - Sun Java System (Sun ONE) Application Server 7.0

- **Linux-Intel SUSELinux Enterprise Server 8**
  - Apache 2.0.48

- **PC-Intel Windows 2000, Professional, Server and Advanced Server**
  - Apache 1.3.27
  - Apache 2.0.48
  - Apache 2.0.46
  - IBM HTTP Server 1.3.26
  - Internet Information Server 5.0
  - Oracle Application Server 9.0.3
  - Sun Java System (Sun ONE) Application Server 7.0
  - Sun Java System (Sun ONE) Web Server 6.0 SP 5
  - WebLogic 7.0 SP 1
- **WebLogic 8.1**
- **PC-Intel Windows 2003 Server Standard, Enterprise and Small Server**
  - Apache 2.0.48
  - Apache 2.0.46
  - Internet Information Server 6.0
  - WebLogic 8.1
- **PC-Intel Windows NT 4.0**
  - Apache 2.0.48
  - Apache 1.3.27
  - Apache 2.0.46
  - IBM HTTP Server 1.3.26
  - Internet Information Server 4.0
  - Oracle Application Server 9.0.3
  - Sun Java System (Sun ONE) Web Server 6.0 SP 5
  - WebLogic 7.0 SP 1
- **PC-Intel Windows XP-Professional Edition**
  - Apache 1.3.27
  - Apache 2.0.48
  - Apache 2.0.46
  - Internet Information Server 5.1
  - Sun Java System (Sun ONE) Application Server 7.0
  - WebLogic 7.0 SP 1
- **Sun Solaris 8 (SPARC)**
  - Apache 1.3.27
  - Apache 2.0.48
  - Apache 2.0.46
  - IBM HTTP Server 1.3.27
  - IBM HTTP Server 1.3.28
  - Oracle Application Server 9.0.3
  - Sun Java System (Sun ONE) Application Server 7.0
  - Sun Java System (Sun ONE) Web Server 6.0 SP 5
  - Sun Java System (Sun ONE) Web Server 6.1 SP 2
  - WebLogic 8.1
  - WebLogic 7.0 SP 1
- **Sun Solaris 9 (SPARC)**
  - Apache 2.0.46
  - Apache 2.0.48
  - IBM HTTP Server 1.3.28
  - Sun Java System (Sun ONE) Application Server 7.0
  - Sun Java System (Sun ONE) Web Server 6.0 SP 5
  - Sun Java System (Sun ONE) Web Server 6.1 SP 2
- WebLogic 8.1
ArcIMS 9.0 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Apache 2.0.48

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**Hardware Requirements**

**Memory/RAM:**
Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**
24 bit color depth

**Disk Space Requirements:**
The disk space requirements for all ArcIMS components are approximately 651 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
JRE versions 1.4.1_05 and 1.4.2 are supported.
**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

HP-UX patch PHKL_28025 is required to fix "du" command not reporting blocks correctly. The installation software needs to patch in order to work correctly.

**Supported Servlet Engines**
- ServletExec 5.0 AS
  
  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the New Atlanta Web site.

- Tomcat 4.1.29 with mod_jk2
- Tomcat 5.0.25

**Supported Web Browsers**
Netscape Communicator 6.2.3
Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.
The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Apache 2.0.46

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**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 651 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

JRE versions 1.4.1_05 and 1.4.2 are supported.
**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
- ArcGIS 9.0
- ArcSDE 9.0

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

HP-UX patch - PHKL_28025 is required to fix "du" command not reporting blocks correctly. The installation software needs to patch in order to work correctly.

**Supported Servlet Engines**

- Jrun 5.0 AS
- ServletExec 5.0 AS

If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94).

- Tomcat 4.1.24 with mod_jk2

**Supported Web Browsers**

Netscape Communicator 6.2.3
Java Custom Viewer is not supported in the Netscape browser. It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser. It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.
The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on IBM HTTP Server 1.3.26

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**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 651 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

JRE versions 1.4.1_05 and 1.4.2 are supported.
J2SE SDK (JDK) REQUIREMENTS
Refer to your Web server documentation for supported JDK versions.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

HP-UX patch- PHKL_28025 is required to fix "du" command not reporting blocks correctly. The installation software needs to patch in order to work correctly.

Supported Servlet Engines

- WebSphere 5.0.1

Supported Web Browsers

- Netscape Communicator 6.2.3
  
  Java Custom Viewer is not supported in the Netscape browser.
  It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

- Netscape Communicator 7
  
  Java Custom Viewer is not supported in the Netscape browser.
  It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default
Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

**To view ArcIMS map services in ArcGIS:**

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.

For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).
To create .MXDs and .PMFs the following versions of ArcGIS are needed:

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Oracle Application Server 9.0.3

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**Hardware Requirements**  
**Memory/RAM:**
Manager Applications: 64 MB of RAM recommended
ArcIMS Application Server: 256 MB of RAM recommended
ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
HTML Viewers: 64 MB of RAM recommended
Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
All components: 256 MB of RAM recommended per CPU

**Display Properties:**
24 bit color depth

**Disk Space Requirements:**
The disk space requirements for all ArcIMS components are approximately 651 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
JRE versions 1.4.1_05 and 1.4.2 are supported.
J2SE SDK (JDK) REQUIREMENTS
Refer to your Web server documentation for supported JDK versions.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

HP-UX patch- PHKL_28025 is required to fix "du" command not reporting blocks correctly. The installation software needs to patch in order to work correctly.

Supported Web Browsers

Netscape Communicator 6.2.3
Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Netscape Communicator 7
Java Custom Viewer is not supported in the Netscape browser.
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Compatibility Notes
The following versions of ArcSDE are supported by ArcIMS:

**Metadata users only**

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

**Other users**

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

**To view ArcIMS map services in ArcGIS:**

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

**To create .MXDs and .PMFs the following versions of ArcGIS are needed:**

**Windows:**

ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Sun Java System (Sun ONE) Web Server 6.0 SP 5

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**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 651 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

JRE versions 1.4.1_05 and 1.4.2 are supported.
J2SE SDK (JDK) REQUIREMENTS
Refer to your Web server documentation for supported JDK versions.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

HP-UX patch- PHKL_28025 is required to fix "du" command not reporting blocks correctly. The installation software needs to patch in order to work correctly.

Supported Web Browsers

Netscape Communicator 6.2.3
Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Netscape Communicator 7
Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Compatibility Notes
The following versions of ArcSDE are supported by ArcIMS:

* Metadata users only
  ArcSDE 9.0 or higher

Note: Informix databases are not supported.

* Other users
  ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
  ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

* To view ArcIMS map services in ArcGIS:
  ArcGIS 8.1.2* or higher is needed

  *msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
  For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

* To create .MXDs and .PMFs the following versions of ArcGIS are needed:

  * Windows:
    ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

_Solaris:_
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.

**Web Server:** Do not use JDK 1.4.0 if you are running the Japanese or Chinese locales with Sun ONE Web Server. For more information please see the Sun ONE documentation at [http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712](http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712).
ArcIMS 9.0 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on WebLogic 8.1

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<tr>
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**Hardware Requirements**

**Memory/RAM:**
- Manager Applications: 64 MB of RAM recommended
- ArcIMS Application Server: 256 MB of RAM recommended
- ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
- HTML Viewers: 64 MB of RAM recommended
- Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
- All components: 256 MB of RAM recommended per CPU

**Display Properties:**
- 24 bit color depth

**Disk Space Requirements:**
The disk space requirements for all ArcIMS components are approximately 651 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
- JRE versions 1.4.1_05 and 1.4.2 are supported.
**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

HP-UX patch- PHKL_28025 is required to fix "du" command not reporting blocks correctly. The installation software needs to patch in order to work correctly.

**Supported Web Browsers**

Netscape Communicator 6.2.3

Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**
The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*  
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).*

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*  

*Windows:*  
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

*Solaris:*

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on WebLogic 7.0 SP 2

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**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 651 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

JRE versions 1.4.1_05 and 1.4.2 are supported.
J2SE SDK (JDK) REQUIREMENTS
Refer to your Web server documentation for supported JDK versions.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

HP-UX patch PHKL_28025 is required to fix "du" command not reporting blocks correctly. The installation software needs to patch in order to work correctly.

Supported Web Browsers

Netscape Communicator 6.2.3

Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Compatibility Notes
The following versions of ArcSDE are supported by ArcIMS:

**Metadata users only**
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

**Other users**
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

**To view ArcIMS map services in ArcGIS:**
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

**To create .MXDs and .PMFs the following versions of ArcGIS are needed:**

*Windows:*
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

_Solaris:_

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

Platform: _There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30_.

**ArcIMS 9.0 with IBM AIX 5.1.0.0 on Apache 2.0.48**

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<th>ArcIMS 9.0</th>
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</thead>
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<tr>
<td>Platform</td>
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<tr>
<td>Operating System</td>
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<td>Web Server</td>
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<tr>
<td>Web Server Version</td>
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</table>

**Hardware Requirements**

**Memory/RAM:**
Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**
24 bit color depth

**Disk Space Requirements:**
The disk space requirements for all ArcIMS components are approximately 670 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
JRE version 1.4.1 (build ca1411-20030930) is supported.
Other JRE versions are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**ADDITIONAL NOTES**
X11.fnt.ucs.ttf file set is required.

**Supported Servlet Engines**

- ServletExec 5.0 AS
  
  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94).

- Tomcat 4.1.29 with mod_jk2
- Tomcat 5.0.25 with mod_jk2

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default
Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

**Metadata users only**

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

**Other users**

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

**To view ArcIMS map services in ArcGIS:**

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).
To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations
Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
**Hardware Requirements**

**Memory/RAM:**
- Manager Applications: 64 MB of RAM recommended
- ArcIMS Application Server: 256 MB of RAM recommended
- ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
- HTML Viewers: 64 MB of RAM recommended
- Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
- All components: 256 MB of RAM recommended per CPU

**Display Properties:**
- 24 bit color depth

**Disk Space Requirements:**
- The disk space requirements for all ArcIMS components are approximately 670 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
- JRE version 1.4.1 (build ca1411-20030930) is supported.
Other JRE versions are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**ADDITIONAL NOTES**
X11.fnt.ucs.ttf file set is required.

**Supported Servlet Engines**

- **ServletExec 5.0 AS**
  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com/).

- **Tomcat 4.1.24 with mod_jk2**
- **Tomcat 5.0.25 with mod_jk2**

**Supported Web Browsers**

- Netscape Communicator 7
  Java Custom Viewer is not supported in the Netscape browser.
  It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default
Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

* **Metadata users only**
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

* **Other users**
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

* **To view ArcIMS map services in ArcGIS:**
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).
To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations
Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with IBM AIX 5.1.0.0 on IBM HTTP Server 1.3.26

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<tr>
<td>Web Server Version:</td>
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**Hardware Requirements**

**Memory/RAM:**
- Manager Applications: 64 MB of RAM recommended
- ArcIMS Application Server: 256 MB of RAM recommended
- ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
- HTML Viewers: 64 MB of RAM recommended
- Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
- All components: 256 MB of RAM recommended per CPU

**Display Properties:**
- 24 bit color depth

**Disk Space Requirements:**
- The disk space requirements for all ArcIMS components are approximately 670 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**

JRE version 1.4.1 (build ca1411-20030930) is supported.

Other JRE versions are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

ArcGIS 9.0
ArcSDE 9.0

**ADDITIONAL NOTES**

X11.fnt.ucs.ttf file set is required.

**Supported Servlet Engines**

- WebSphere 5.0

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
**ArcIMS 9.0 with IBM AIX 5.1.0.0 on IBM HTTP Server 1.3.28**

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<thead>
<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
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<td>Platform:</td>
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<tr>
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<td>IBM HTTP Server</td>
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<td>Web Server Version:</td>
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</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 670 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**

JRE version 1.4.1 (build ca1411-20030930) is supported.

Other JRE versions are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

- ArcGIS 9.0
- ArcSDE 9.0

**ADDITIONAL NOTES**

X11.fnt.ucs.ttf file set is required.

**Supported Servlet Engines**

- WebSphere 5.1

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

_Solaris:_
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with IBM AIX 5.1.0.0 on Sun Java System (Sun ONE) Web Server 6.0 SP 5

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<td>Operating System:</td>
<td>AIX 5.1.0.0</td>
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<td>Web Server:</td>
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<tr>
<td>Web Server Version:</td>
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</table>

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 670 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
**Notes:**

**J2SE JRE REQUIREMENTS**

JRE version 1.4.1 (build ca1411-20030930) is supported.

Other JRE versions are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

- ArcGIS 9.0
- ArcSDE 9.0

**ADDITIONAL NOTES**

X11.fnt.ucs.ttf file set is required.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

- ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverages CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30

**Web Server:** Do not use JDK 1.4.0 if you are running the Japanese or Chinese locales with Sun ONE Web Server. For more information please see the Sun ONE documentation at [http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712](http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712).
### ArcIMS 9.0 with IBM AIX 5.1.0.0 on WebLogic 8.1

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<thead>
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<th>Product</th>
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<tr>
<td>Platform</td>
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<tr>
<td>Operating System</td>
<td>AIX 5.1.0.0</td>
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<tr>
<td>Web Server Version</td>
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</table>

#### Hardware Requirements

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 670 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
**Notes:**

**J2SE JRE REQUIREMENTS**

JRE version 1.4.1 (build ca1411-20030930) is supported.

Other JRE versions are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

ArcGIS 9.0
ArcSDE 9.0

**ADDITIONAL NOTES**

X11.fnt.ucs.ttf file set is required.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with IBM AIX 5.1.0.0 on WebLogic 7.0 SP 1

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<th>Product:</th>
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<tr>
<td>Platform:</td>
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<tr>
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**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 670 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.1 (build ca1411-20030930) is supported.

Other JRE versions are unknown to work at this time.

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

METADATA SERVICE REQUIREMENTS

The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

ADDITIONAL NOTES

X11.fnt.ucs.ttf file set is required.

Supported Web Browsers

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

* Metadata users only
  ArcSDE 9.0 or higher

Note: Informix databases are not supported.
**Other users**
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Apache 2.0.46

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<tr>
<td>Platform:</td>
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**Hardware Requirements**

**Memory/RAM:**
- Manager Applications: 64 MB of RAM recommended
- ArcIMS Application Server: 256 MB of RAM recommended
- ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
- HTML Viewers: 64 MB of RAM recommended
- Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
- All components: 256 MB of RAM recommended per CPU

**Display Properties:**
- 24 bit color depth

**Architecture:**
- x86 architecture (32-bit)
**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are 602 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**

ArcIMS is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for ArcIMS to function properly:
- Base Development package
- Base Legacy Software Development package

**J2SE JRE REQUIREMENTS**

JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:
- ArcGIS 9.0
- ArcSDE 9.0

**FONT REQUIREMENTS**

ArcIMS components other than the Application Server and Connectors require TrueType fonts.
Note: ArcIMS will not function properly unless the fonts are installed.

Copy the following fonts:
LucidaBrightRegular.ttf
LucidaSansRegular.ttf
LucidaTypewriterRegular.ttf

These fonts will be installed with ArcIMS at ArcIMS installation directory/jre/lib/fonts. You can execute the Font requirement steps after installing ArcIMS.

Put these fonts in the following directory:
/usr/lib/X11/fonts/TrueType

You might need to create the TrueType directory if it does not exist.

Register the fonts with the X Font Server:
su
cd /usr/lib/X11/fonts/TrueType
ttmkfdir -d . -o fonts.scale
cp fonts.scale fonts.dir
chkfontpath -a /usr/lib/X11/fonts/TrueType

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

Supported Servlet Engines

- ServletExec 5.0 AS

If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for
directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the New Atlanta Web site.

- Tomcat 4.1.24 with mod_jk2

**Supported Web Browsers**

Mozilla 1.4

Java Custom Viewer is not supported.

Netscape Communicator 6.2.3 or 7

Java Custom Viewer is not supported.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.
The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*  
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

**Windows:**  
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**  
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

*Platform:* There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with IBM AIX 5.2.0.0 on Apache 2.0.48

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
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</thead>
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<tr>
<td>Platform:</td>
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<tr>
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<td>AIX 5.2.0.0</td>
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</tr>
<tr>
<td>Web Server Version:</td>
<td>2.0.48</td>
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</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 670 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**

JRE version 1.4.1 (build ca1411-20030930) is supported.

Other JRE versions are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

- ArcGIS 9.0
- ArcSDE 9.0

**ADDITIONAL NOTES**

X11.fnt.ucs.ttf file set is required.

**Supported Servlet Engines**

- ServletExec 5.0 AS

  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94).

- Tomcat 4.1.29 with mod_jk2
- Tomcat 5.0.25 with mod_jk2
**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed
*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with IBM AIX 5.2.0.0 on IBM HTTP Server 1.3.28

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<th>Product:</th>
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<td>Platform:</td>
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<td>Web Server Version:</td>
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**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 670 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.1 (build ca1411-20030930) is supported.

Other JRE versions are unknown to work at this time.

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

METADATA SERVICE REQUIREMENTS

The following software is required to use the ArcIMS Metadata Service:

ArcGIS 9.0
ArcSDE 9.0

ADDITIONAL NOTES

X11.fnt.ucs.ttf file set is required.

Supported Servlet Engines

- WebSphere 5.1

Supported Web Browsers

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

**Other users**
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The **Compatibility matrix** lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

* **To view ArcIMS map services in ArcGIS:**
  ArcGIS 8.1.2* or higher is needed

  *msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
  For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

* **To create .MXDs and .PMFs the following versions of ArcGIS are needed:**

  * **Windows:**
    ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
    ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3...
PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with IBM AIX 5.2.0.0 on WebLogic 8.1

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<th>ArcIMS 9.0</th>
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<td><strong>Platform:</strong></td>
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<tr>
<td><strong>Operating System:</strong></td>
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<td><strong>Web Server:</strong></td>
<td>WebLogic</td>
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<tr>
<td><strong>Web Server Version:</strong></td>
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</table>

**Hardware Requirements**

**Memory/RAM:**
Manager Applications: 64 MB of RAM recommended
ArcIMS Application Server: 256 MB of RAM recommended
ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
HTML Viewers: 64 MB of RAM recommended
Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
All components: 256 MB of RAM recommended per CPU

**Display Properties:**
24 bit color depth

**Disk Space Requirements:**
The disk space requirements for all ArcIMS components are approximately 670 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.1 (build ca1411-20030930) is supported.

Other JRE versions are unknown to work at this time.

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

METADATA SERVICE REQUIREMENTS

The following software is required to use the ArcIMS Metadata Service:

ArcGIS 9.0
ArcSDE 9.0

ADDITIONAL NOTES

X11.fnt.ucs.ttf file set is required.

Supported Web Browsers

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

* Metadata users only
  
  ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Apache 2.0.48

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<th>Product:</th>
<th>ArcIMS 9.0</th>
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<tbody>
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</tr>
<tr>
<td>Operating System:</td>
<td>Red Hat Enterprise Linux AS/ES 3.0</td>
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<td>Service Packs/Patches:</td>
<td>Update 2 or higher</td>
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</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Architecture:**

x86 architecture (32-bit)
**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are 602 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**

ArcIMS is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for ArcIMS to function properly:
- Base Development package
- Base Legacy Software Development package

**J2SE JRE REQUIREMENTS**

JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:
- ArcGIS 9.0
- ArcSDE 9.0

**FONT REQUIREMENTS**

ArcIMS components other than the Application Server and Connectors require TrueType fonts.
Note: ArcIMS will not function properly unless the fonts are installed.

Copy the following fonts:
LucidaBrightRegular.ttf
LucidaSansRegular.ttf
LucidaTypewriterRegular.ttf

These fonts will be installed with ArcIMS at ArcIMS installation directory/jre/lib/fonts. You can execute the Font requirement steps after installing ArcIMS.

Put these fonts in the following directory:
/usr/lib/X11/fonts/TrueType

You might need to create the TrueType directory if it does not exist.

Register the fonts with the X Font Server:
su
cd /usr/lib/X11/fonts/TrueType
ttmkfdir -d . -o fonts.scale
cp fonts.scale fonts.dir
chkfontpath -a /usr/lib/X11/fonts/TrueType

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

Supported Servlet Engines

- Tomcat 4.1.29 with mod_jk2
- Tomcat 5.0.27 with mod_jk2
Supported Web Browsers

Mozilla 1.4

Java Custom Viewer is not supported.

Netscape Communicator 6.2.3 or 7

Java Custom Viewer is not supported.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed
*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30

**ArcIMS 9.0 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Apache 2.0.46**

<p>| Product: | ArcIMS 9.0 |</p>
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<td>Update 2 or higher</td>
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<td><strong>Web Server:</strong></td>
<td>Apache</td>
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<tr>
<td><strong>Web Server Version:</strong></td>
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</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Architecture:**

x86 architecture (32-bit)

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are 602 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**OPERATING SYSTEM REQUIREMENTS**

ArcIMS is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for ArcIMS to function properly:
- Base Development package
- Base Legacy Software Development package

**J2SE JRE REQUIREMENTS**

JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:
- ArcGIS 9.0
- ArcSDE 9.0

**FONT REQUIREMENTS**

ArcIMS components other than the Application Server and Connectors require TrueType fonts.

Note: ArcIMS will not function properly unless the fonts are installed.
Copy the following fonts:
LucidaBrightRegular.ttf
LucidaSansRegular.ttf
LucidaTypewriterRegular.ttf

These fonts will be installed with ArcIMS at ArcIMS installation directory/jre/lib/fonts. You can execute the Font requirement steps after installing ArcIMS.

Put these fonts in the following directory:
/usr/lib/X11/fonts/TrueType

You might need to create the TrueType directory if it does not exist.

Register the fonts with the X Font Server:
su
cd /usr/lib/X11/fonts/TrueType
ttmkdir -d . -o fonts.scale
cp fonts.scale fonts.dir
chkfontpath -a /usr/lib/X11/fonts/TrueType

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

Supported Servlet Engines

- ServletExec 5.0 AS

If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version of the ServletExec AS native adapter you have
installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the New Atlanta Web site.

- Tomcat 4.1.24 with mod_jk2

**Supported Web Browsers**

Mozilla 1.4

Java Custom Viewer is not supported.

Netscape Communicator 6.2.3 or 7

Java Custom Viewer is not supported.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverages CD, can order it through their ESRI regional office or international distributor.
The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Sun Java System (Sun ONE) Application Server 7.0

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>Linux-Intel</td>
</tr>
<tr>
<td>Operating System:</td>
<td>Red Hat Enterprise Linux AS/ES 3.0</td>
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<tr>
<td>Service Packs/Patches:</td>
<td>Update 2 or higher</td>
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<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2004</td>
</tr>
<tr>
<td>Web Server:</td>
<td>Sun Java System (Sun ONE) Application Server</td>
</tr>
<tr>
<td>Web Server Version:</td>
<td>7.0</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Architecture:**

x86 architecture (32-bit)
**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are 602 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**

ArcIMS is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for ArcIMS to function properly:
- Base Development package
- Base Legacy Software Development package

**J2SE JRE REQUIREMENTS**

JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:
- ArcGIS 9.0
- ArcSDE 9.0

**FONT REQUIREMENTS**

ArcIMS components other than the Application Server and Connectors require TrueType fonts.
Note: ArcIMS will not function properly unless the fonts are installed.

Copy the following fonts:
LucidaBrightRegular.ttf
LucidaSansRegular.ttf
LucidaTypewriterRegular.ttf

These fonts will be installed with ArcIMS at ArcIMS installation directory/jre/lib/fonts. You can execute the Font requirement steps after installing ArcIMS.

Put these fonts in the following directory:
/usr/lib/X11/fonts/TrueType

You might need to create the TrueType directory if it does not exist.

Register the fonts with the X Font Server:
su
cd /usr/lib/X11/fonts/TrueType
ttmkfdir -d . -o fonts.scale
cp fonts.scale fonts.dir
chkfontpath -a /usr/lib/X11/fonts/TrueType

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

Supported Web Browsers

Mozilla 1.4

Java Custom Viewer is not supported.

Netscape Communicator 6.2.3 or 7
Java Custom Viewer is not supported.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.*
To create .MXDs and .PMFs the following versions of ArcGIS are needed:

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with Linux-Intel SUSE Linux Enterprise Server 8 on Apache 2.0.48

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>Linux-Intel</td>
</tr>
<tr>
<td>Operating System:</td>
<td>SUSE Linux Enterprise Server 8</td>
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<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2004</td>
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<tr>
<td>Web Server:</td>
<td>Apache</td>
</tr>
<tr>
<td>Web Server Version:</td>
<td>2.0.48</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Architecture:**

x86 architecture (32-bit)

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are 602 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

OPERATING SYSTEM REQUIREMENTS
ArcIMS is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
The linux patches for Suse will be supported as long as the patches are supported by the webserver and they are from Suse without any modification to the latest kernel/glibc version.

J2SE JRE REQUIREMENTS
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

J2SE SDK (JDK) REQUIREMENTS
Refer to your Web server documentation for supported JDK versions.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

FONT REQUIREMENTS
ArcIMS components other than the Application Server and Connectors require TrueType fonts.

Note: ArcIMS will not function properly unless the fonts are installed.

Copy the following fonts:
LucidaBrightRegular.ttf
LucidaSansRegular.ttf
LucidaTypewriterRegular.ttf

These fonts will be installed with ArcIMS at ArcIMS installation directory/jre/lib/fonts. You can execute the Font requirement steps after installing ArcIMS.
Put these fonts in the following directory:
/usr/lib/X11/fonts/TrueType

You might need to create the TrueType directory if it does not exist.

Register the fonts with the X Font Server:
su
cd /usr/lib/X11/fonts/TrueType
ttmkfdir -d . -o fonts.scale
cp fonts.scale fonts.dir
chkfontpath -a /usr/lib/X11/fonts/TrueType

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

Supported Servlet Engines

- Tomcat 4.1.29

Supported Web Browsers

Mozilla 1.4

Java Custom Viewer is not supported.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
**ArcIMS 9.0 with PC-Intel Windows 2000, Professional, Server, and Advanced Server on Apache 1.3.27**

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>PC-Intel</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Windows 2000, Professional, Server, and Advanced Server</td>
</tr>
<tr>
<td><strong>Service Packs/Patches:</strong></td>
<td>SP 2 or SP 3 or SP 4</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2004</td>
</tr>
<tr>
<td><strong>Web Server:</strong></td>
<td>Apache</td>
</tr>
<tr>
<td><strong>Web Server Version:</strong></td>
<td>1.3.27</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

- 800 MHz minimum
- 1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

- Web server/Manager: 256 MB of RAM recommended
- ArcIMS Application Server: 256 MB of RAM recommended
- ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
- HTML Viewers: 64 MB of RAM recommended
- Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
- All components: 256 MB of RAM recommended per CPU
**Display Properties:**
24 bit color depth

**Swap Space:**
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector.
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Servlet Engines**

- ServletExec 4.2

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or
higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with PC-Intel Windows 2000, Professional, Server, and Advanced Server on Apache 2.0.48

<table>
<thead>
<tr>
<th>Product</th>
<th>ArcIMS 9.0</th>
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</thead>
<tbody>
<tr>
<td>Platform</td>
<td>PC-Intel</td>
</tr>
<tr>
<td>Operating System</td>
<td>Windows 2000, Professional, Server, and Advanced Server</td>
</tr>
<tr>
<td>Service Packs/Patches</td>
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<td>Web Server</td>
<td>Apache</td>
</tr>
<tr>
<td>Web Server Version</td>
<td>2.0.48</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
- 800 MHz minimum
- 1.0 GHz or higher recommended

**Processor:**
- Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**
- Web server/Manager: 256 MB of RAM recommended
- ArcIMS Application Server: 256 MB of RAM recommended
- ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
- HTML Viewers: 64 MB of RAM recommended
- Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
- All components: 256 MB of RAM recommended per CPU
**Display Properties:**

24 bit color depth

**Swap Space:**

300 MB minimum

Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**

A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02,and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain
and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap
Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in
Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop
9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the
same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold
Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Servlet Engines**

- ServletExec 5.0 AS

  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94).

  **Related materials:** Install Apache 2.0.48 with ServletExec 5.0 AS using J2SDK 1.4.2 for ArcIMS 9.0 on Windows

  - Tomcat 4.1.29 with mod_jk2
Related materials: Install Apache 2.0.48 with Tomcat 4.1.29 with mod_jk2 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows NT/2000/XP

- Tomcat 5.0.27 with mod_jk2

Supported Web Browsers

Internet Explorer 6.0 or higher
Netscape Communicator 7.1

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with PC-Intel Windows 2000, Professional, Server, and Advanced Server on Apache 2.0.46

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>PC-Intel</td>
</tr>
<tr>
<td>Operating System:</td>
<td>Windows 2000, Professional, Server, and Advanced Server</td>
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<td>Service Packs/Patches:</td>
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<tr>
<td>Web Server Version:</td>
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</tr>
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**Hardware Requirements**

**CPU Speed:**

800 MHz minimum

1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
**Display Properties:**

24 bit color depth

**Swap Space:**

300 MB minimum

Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**

A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-

Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-

JRE with the Java Plug-in is required.

JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.

JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**

ArcIMS Server-

Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01,and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
ACTIVEX CONNECTOR REQUIREMENTS

**Web Server:** Microsoft IIS 5.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user’s machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

.NET LINK RUNTIME AND DEVELOPER HELP

**Web Server:** Microsoft IIS 5.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

Supported Servlet Engines

- Tomcat 4.1.24 with mod_jk2

Supported Web Browsers

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or
higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations
Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with PC-Intel Windows 2000, Professional, Server, and Advanced Server on IBM HTTP Server 1.3.26

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<th>ArcIMS 9.0</th>
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<tr>
<td>Platform:</td>
<td>PC-Intel</td>
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<tr>
<td>Operating System:</td>
<td>Windows 2000, Professional, Server, and Advanced Server</td>
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<td>Web Server:</td>
<td>IBM HTTP Server</td>
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<tr>
<td>Web Server Version:</td>
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</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum  
1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended  
ArcIMS Application Server: 256 MB of RAM recommended  
ArcIMS Spatial Server: 256 MB of RAM recommended per CPU  
HTML Viewers: 64 MB of RAM recommended  
Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended  
All components: 256 MB of RAM recommended per CPU
**Display Properties:**

24 bit color depth

**Swap Space:**

300 MB minimum

Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**

A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMap SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**Note:** Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Servlet Engines**

- WebSphere 5.0

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverages CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or
higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
**ArcIMS 9.0 with PC-Intel Windows 2000, Professional, Server, and Advanced Server on Internet Information Server 5.0**

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<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
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<td><strong>Platform:</strong></td>
<td>PC-Intel</td>
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<tr>
<td><strong>Operating System:</strong></td>
<td>Windows 2000, Professional, Server, and Advanced Server</td>
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<td><strong>Service Packs/Patches:</strong></td>
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<td><strong>Web Server:</strong></td>
<td>Internet Information Server</td>
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<td><strong>Web Server Version:</strong></td>
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</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum  
1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended  
ArcIMS Application Server: 256 MB of RAM recommended  
ArcIMS Spatial Server: 256 MB of RAM recommended per CPU  
HTML Viewers: 64 MB of RAM recommended  
Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended  
All components: 256 MB of RAM recommended per CPU
**Display Properties:**
24 bit color depth

**Swap Space:**
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required. If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

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**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**Note:** Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Servlet Engines**

- Jrun 4.0

  Updater 3 is required for JRun 4.0, and can be downloaded from the following link: [http://www.macromedia.com/support/jrun/updaters.html](http://www.macromedia.com/support/jrun/updaters.html)

  **Related materials:** Install IIS 4/5 with JRun 4 and J2SDK 1.4.2 for ArcIMS 9.0 on Windows

- ServletExec 4.2 ISAPI

  **Related materials:** Install IIS 4/5 with ServletExec 4.2 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows

- ServletExec 5.0 ISAPI
Related materials:
Install IIS 4/5 with ServletExec 5.0 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows
FAQ: What should be done if problems are experienced with ServletExec?

- Tomcat 4.1.24 w/ isapi_redirector.dll

Related materials: Install IIS 4.0/5.0 with Tomcat 4.1.29 using J2SDK 1.4.2 for ArcIMS
9.0 on Windows NT/2000/XP

- Tomcat 4.1.29 w/ isapi_redirector.dll

Related materials: Install IIS 4.0/5.0 with Tomcat 4.1.29 using J2SDK 1.4.2 for ArcIMS
9.0 on Windows NT/2000/XP

Supported Web Browsers

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD.
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The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

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ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
**ArcIMS 9.0 with PC-Intel Windows 2000, Professional, Server, and Advanced Server on Oracle Application Server 9.0.3**

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>PC-Intel</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Windows 2000, Professional, Server, and Advanced Server</td>
</tr>
<tr>
<td><strong>Service Packs/Patches:</strong></td>
<td>SP 2 or SP 3 or SP 4</td>
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<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2004</td>
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<td><strong>Web Server:</strong></td>
<td>Oracle Application Server</td>
</tr>
<tr>
<td><strong>Web Server Version:</strong></td>
<td>9.0.3</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum  
1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended  
ArcIMS Application Server: 256 MB of RAM recommended  
ArcIMS Spatial Server: 256 MB of RAM recommended per CPU  
HTML Viewers: 64 MB of RAM recommended  
Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended  
All components: 256 MB of RAM recommended per CPU
Display Properties:
24 bit color depth

Swap Space:
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

Disk Space Requirements:
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

J2SE SDK (JDK) REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
ACTIVEX CONNECTOR REQUIREMENTS

**Web Server:** Microsoft IIS 5.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

.NET LINK RUNTIME AND DEVELOPER HELP

**Web Server:** Microsoft IIS 5.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

Supported Web Browsers

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3
Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArchGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArchGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArchGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArchGIS 8.2 or higher is needed to create .MXDs and ArchGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArchGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with PC-Intel Windows 2000, Professional, Server, and Advanced Server on Sun Java System (Sun ONE) Application Server 7.0

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
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<tr>
<td>Platform:</td>
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<td>Shipping/Release Date:</td>
<td>May 10, 2004</td>
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<tr>
<td>Web Server:</td>
<td>Sun Java System (Sun ONE) Application Server</td>
</tr>
<tr>
<td>Web Server Version:</td>
<td>7.0</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum  
1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
All components: 256 MB of RAM recommended per CPU

**Display Properties:**
24 bit color depth

**Swap Space:**
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**

A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.

JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02,and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.
J2SE SDK (JDK) REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.

ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

ARCMAP SERVER REQUIREMENTS
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain
and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap
Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in
Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

Note: ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop
9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the
same machine as ArcGIS 8.3.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

COLDFUSION CONNECTOR REQUIREMENTS
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

*Windows:*

ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

*Solaris:*

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30

**Related Materials**

**Web Server:** Install Sun Java System Application Server 7.0 with J2SDK 1.4.2 for ArcIMS 9.0 on Windows
### Hardware Requirements

#### CPU Speed:
800 MHz minimum  
1.0 GHz or higher recommended

#### Processor:
Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

#### Memory/RAM:
Web server/Manager: 256 MB of RAM recommended  
ArcIMS Application Server: 256 MB of RAM recommended  
ArcIMS Spatial Server: 256 MB of RAM recommended per CPU  
HTML Viewers: 64 MB of RAM recommended  
Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Swap Space:**

300 MB minimum

Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**

A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.
**J2SE SDK (JDK) REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.

ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**

Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**Note:** Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**

ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.
**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.

**Web Server:** Do not use JDK 1.4.0 if you are running the Japanese or Chinese locales with Sun ONE Web Server. For more information please see the Sun ONE documentation at [http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712](http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712).

**Related Materials**

**Web Server:** [Install Sun ONE Web Server (iPlanet) 6.0 sp5 with J2SDK 1.4.2 for ArcIMS 9.0 on Windows](http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712)
**ArcIMS 9.0 with PC-Intel Windows 2000, Professional, Server, and Advanced Server on WebLogic 7.0 SP 1**

<table>
<thead>
<tr>
<th>Product</th>
<th>ArcIMS 9.0</th>
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<tbody>
<tr>
<td>Platform</td>
<td>PC-Intel</td>
</tr>
<tr>
<td>Operating System</td>
<td>Windows 2000, Professional, Server, and Advanced Server</td>
</tr>
<tr>
<td>Service Packs/Patches</td>
<td>SP 2 or SP 3 or SP 4</td>
</tr>
<tr>
<td>Shipping/Release Date</td>
<td>May 10, 2004</td>
</tr>
<tr>
<td>Web Server</td>
<td>WebLogic</td>
</tr>
<tr>
<td>Web Server Version</td>
<td>7.0 SP 1</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum

1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
**Display Properties:**
24 bit color depth

**Swap Space:**
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02,and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector -
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**

Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**

ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3
Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverages CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
**ArcIMS 9.0 with PC-Intel Windows 2000, Professional, Server, and Advanced Server on WebLogic 8.1**

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<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
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<tr>
<td><strong>Platform:</strong></td>
<td>PC-Intel</td>
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<tr>
<td><strong>Operating System:</strong></td>
<td>Windows 2000, Professional, Server, and Advanced Server</td>
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<td><strong>Service Packs/Patches:</strong></td>
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<td><strong>Web Server Version:</strong></td>
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**Hardware Requirements**

**CPU Speed:**

800 MHz minimum  
1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended  
ArcIMS Application Server: 256 MB of RAM recommended  
ArcIMS Spatial Server: 256 MB of RAM recommended per CPU  
HTML Viewers: 64 MB of RAM recommended  
Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended  
All components: 256 MB of RAM recommended per CPU
Display Properties:
24 bit color depth

Swap Space:
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

Disk Space Requirements:
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

J2SE SDK (JDK) REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
ACTIVEX CONNECTOR REQUIREMENTS

**Web Server:** Microsoft IIS 5.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

.NET LINK RUNTIME AND DEVELOPER HELP

**Web Server:** Microsoft IIS 5.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

Supported Web Browsers

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3
Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with PC-Intel Windows 2003 Server Standard, Enterprise and Small Business on Apache 2.0.48

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<th>ArcIMS 9.0</th>
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<td>Platform:</td>
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<td>Service Packs/Patches:</td>
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<td>Shipping/Release Date:</td>
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<td>Web Server:</td>
<td>Apache</td>
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<tr>
<td>Web Server Version:</td>
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</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum

1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
Display Properties:
24 bit color depth

Swap Space:
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

Disk Space Requirements:
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

J2SE SDK (JDK) REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported. JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required. If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
ACTIVEX CONNECTOR REQUIREMENTS

Web Server: Microsoft IIS 6.0

Development Environment: Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine.

.NET LINK RUNTIME AND DEVELOPER HELP

Web Server: Microsoft IIS 6.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

Supported Servlet Engines

- Tomcat 4.1.29 with mod_jk2

Related materials: Install Apache 2.0.48 with Tomcat 4.1.29 with mod_jk2 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows 2003 Server

Supported Web Browsers

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or
higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with PC-Intel Windows 2003 Server Standard, Enterprise and Small Business on Apache 2.0.46

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<td>Platform</td>
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<td>Operating System</td>
<td>Windows 2003 Server Standard, Enterprise and Small Business</td>
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<td>Service Packs/Patches</td>
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<td>Web Server</td>
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<tr>
<td>Web Server Version</td>
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</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum
1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
**Display Properties:**
24 bit color depth

**Swap Space:**
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explo-
er, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**

Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**Note:** Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**

ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 6.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 6.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Servlet Engines**

- ServletExec 5.0 AS

  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94).

- Tomcat 4.1.24 with mod_jk2

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1
**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).*

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

*Windows:*
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
**ArcIMS 9.0 with PC-Intel Windows 2003 Server Standard, Enterprise and Small Business on Internet Information Server 6.0**

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<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
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<tr>
<td><strong>Platform:</strong></td>
<td>PC-Intel</td>
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<tr>
<td><strong>Operating System:</strong></td>
<td>Windows 2003 Server Standard, Enterprise and Small Business</td>
</tr>
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<td><strong>Service Packs/Patches:</strong></td>
<td>SP1</td>
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<td><strong>Shipping/Release Date:</strong></td>
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<td>Internet Information Server</td>
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<td><strong>Web Server Version:</strong></td>
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</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
800 MHz minimum
1.0 GHz or higher recommended

**Processor:**
Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**
- Web server/Manager: 256 MB of RAM recommended
- ArcIMS Application Server: 256 MB of RAM recommended
- ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
- HTML Viewers: 64 MB of RAM recommended
- Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Swap Space:**

300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**

A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.
**J2SE SDK (JDK) REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.

ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**

Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**Note:** Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**

ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.
**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 6.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 6.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Servlet Engines**

- Jrun 4.0
  
  Updater 3 is required for JRun 4.0, and can be downloaded from the following link:

  **Related materials:** [Install IIS 6 with JRun 4 and J2SDK 1.4.2 for ArcIMS 9.0 on Windows 2003 Server](http://www.macromedia.com/support/jrun/updaters.html)

- ServletExec 4.2 ISAPI

  **Related materials:** [Install IIS 6.0 with ServletExec 4.2 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows 2003 Server](http://www.macromedia.com/support/jrun/updaters.html)

- ServletExec 5.0 ISAPI

  **Related materials:** [Install IIS 6.0 with ServletExec 5.0 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows 2003](http://www.macromedia.com/support/jrun/updaters.html)
Server

FAQ: What should be done if problems are experienced with ServletExec?

- Tomcat 4.1.29 w/ isapi_redirector.dll

Related materials: Install IIS 6.0 with Tomcat 4.1.29 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows 2003

Supported Web Browsers

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

**Metadata users only**
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

**Other users**
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.
The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with PC-Intel Windows 2003 Server Standard, Enterprise and Small Business on WebLogic 8.1

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<th>ArcIMS 9.0</th>
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<td>Operating System</td>
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<td>Web Server</td>
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<tr>
<td>Web Server Version</td>
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</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum  
1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
**Display Properties:**
24 bit color depth

**Swap Space:**
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
ACTIVEX CONNECTOR REQUIREMENTS

Web Server: Microsoft IIS 6.0

Development Environment: Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine.

.NET LINK RUNTIME AND DEVELOPER HELP

Web Server: Microsoft IIS 6.0 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

Supported Web Browsers

Internet Explorer 6.0 or higher
Netscape Communicator 7.1

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the
ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.

For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with PC-Intel Windows NT 4.0 on Apache 2.0.48

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<th>Product:</th>
<th>ArcIMS 9.0</th>
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<td>Platform:</td>
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<td>Apache</td>
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<td>Web Server Version:</td>
<td>2.0.48</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum

1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
**Display Properties:**
24 bit color depth

**Swap Space:**
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02,and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

ARCMap SERVER REQUIREMENTS
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Note: ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

COLDFUSION CONNECTOR REQUIREMENTS
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 4.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are: Microsoft Windows NT Option Pack (Microsoft Transaction Server 2.0)

**.NET LINK RUNTIME AND DEVELOPER HELP**

.NET Link Runtime and Developer Help is not available on this platform.

**Supported Servlet Engines**

ServletExec 5.0 AS

If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com).

**Related materials:** [Install Apache 2.0.48 with ServletExec 5.0 AS using J2SDK 1.4.2 for ArcIMS 9.0 on Windows](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94)

Tomcat 4.1.29 with mod_jk2

**Related materials:** [Install Apache 2.0.48 with Tomcat 4.1.29 with mod_jk2 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows NT/2000/XP](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94)
**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

*Windows:*
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations
Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with PC-Intel Windows NT 4.0 on Apache 1.3.27

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**Hardware Requirements**

**CPU Speed:**

- 800 MHz minimum
- 1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

- Web server/Manager: 256 MB of RAM recommended
- ArcIMS Application Server: 256 MB of RAM recommended
- ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
- HTML Viewers: 64 MB of RAM recommended
- Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
- All components: 256 MB of RAM recommended per CPU
Display Properties:  
24 bit color depth  

Swap Space:  
300 MB minimum  
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.  

Disk Space Requirements:  
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.  

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.  

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.  

Notes:  

J2SE JRE REQUIREMENTS  
ArcIMS Server-  
Refer to your Web server documentation for supported JRE versions.  

ArcIMS Manager and Java Viewers-  
JRE with the Java Plug-in is required.  
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.  
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.  

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.  

J2SE SDK (JDK) REQUIREMENTS  
ArcIMS Server-  
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 4.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are: Microsoft Windows NT Option Pack (Microsoft Transaction Server 2.0)

**.NET LINK RUNTIME AND DEVELOPER HELP**

.NET Link Runtime and Developer Help is not available on this platform.

**Supported Servlet Engines**

ServletExec 4.2

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage
CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations
Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with PC-Intel Windows NT 4.0 on Apache 2.0.46

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<th>Product:</th>
<th>ArcIMS 9.0</th>
</tr>
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<tr>
<td>Platform:</td>
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<td>Operating System:</td>
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<td>Service Packs/Patches:</td>
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<td>Web Server Version:</td>
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</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum
1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
Display Properties:
24 bit color depth

Swap Space:
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

Disk Space Requirements:
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02,and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

J2SE SDK (JDK) REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 4.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are: Microsoft Windows NT Option Pack (Microsoft Transaction Server 2.0)

**.NET LINK RUNTIME AND DEVELOPER HELP**

.NET Link Runtime and Developer Help is not available on this platform.

**Supported Servlet Engines**

Tomcat 4.1.24 with mod_jk2

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage
CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](https://www.esri.com/arcGIS/arcims/index.html) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with PC-Intel Windows NT 4.0 on IBM HTTP Server 1.3.26

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<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
</tr>
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<tbody>
<tr>
<td>Platform:</td>
<td>PC-Intel</td>
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<td>Operating System:</td>
<td>Windows NT 4.0</td>
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<td>Service Packs/Patches:</td>
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<td>Web Server:</td>
<td>IBM HTTP Server</td>
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<tr>
<td>Web Server Version:</td>
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</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum

1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
**Display Properties:**
24 bit color depth

**Swap Space:**
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02,and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
ACTIVEX CONNECTOR REQUIREMENTS

Web Server: Microsoft IIS 4.0

Development Environment: Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user’s machine – the HTTP5 requirements are: Microsoft Windows NT Option Pack (Microsoft Transaction Server 2.0)

.NET LINK RUNTIME AND DEVELOPER HELP

.NET Link Runtime and Developer Help is not available on this platform.

Supported Servlet Engines

WebSphere 5.0

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage
CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations
Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with PC-Intel Windows NT 4.0 on Internet Information Server 4.0

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<th>ArcIMS 9.0</th>
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<td>Platform:</td>
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**Hardware Requirements**

**CPU Speed:**

800 MHz minimum

1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
**Display Properties:**
24 bit color depth

**Swap Space:**
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector -
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**

Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain
and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap
Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in
Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop
9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the
same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**

ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold
Fusion Connector.
ACTIVEX CONNECTOR REQUIREMENTS

Web Server: Microsoft IIS 4.0

Development Environment: Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are: Microsoft Windows NT Option Pack (Microsoft Transaction Server 2.0)

.NET LINK RUNTIME AND DEVELOPER HELP

.NET Link Runtime and Developer Help is not available on this platform.

Supported Servlet Engines

Jrun 4.0

Updater 3 is required for JRun 4.0, and can be downloaded from the following link: http://www.macromedia.com/support/jrun/updaters.html

Related materials: Install IIS 4/5 with JRun 4 and J2SDK 1.4.2 for ArcIMS 9.0 on Windows

ServletExec 4.2

Related materials: Install IIS 4/5 with ServletExec 4.2 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows

ServletExec 5.0

Related materials: Install IIS 4/5 with ServletExec 5.0 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows

Tomcat 4.1.24 w/ isapi_redirector.dll

Related materials: Install IIS 4.0/5.0 with Tomcat 4.1.29 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows NT/2000/XP
Related materials: Install IIS 4.0/5.0 with Tomcat 4.1.29 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows NT/2000/XP

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).
To create .MXDs and .PMFs the following versions of ArcGIS are needed:

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with PC-Intel Windows NT 4.0 on Oracle Application Server 9.0.3

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<thead>
<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
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<tr>
<td>Platform:</td>
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<td>Web Server:</td>
<td>Oracle Application Server</td>
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<tr>
<td>Web Server Version:</td>
<td>9.0.3</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
800 MHz minimum
1.0 GHz or higher recommended

**Processor:**
Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**
Web server/Manager: 256 MB of RAM recommended
ArcIMS Application Server: 256 MB of RAM recommended
ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
HTML Viewers: 64 MB of RAM recommended
Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
All components: 256 MB of RAM recommended per CPU
Display Properties:
24 bit color depth

Swap Space:
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

Disk Space Requirements:
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02,and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

J2SE SDK (JDK) REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**Note:** Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 4.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are: Microsoft Windows NT Option Pack (Microsoft Transaction Server 2.0)

**.NET LINK RUNTIME AND DEVELPER HELP**

.NET Link Runtime and Developer Help is not available on this platform.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.
The following versions of ArcGIS are supported by ArcIMS:

**To view ArcIMS map services in ArcGIS:**
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see
http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

**To create .MXDs and .PMFs the following versions of ArcGIS are needed:**

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
**ArcIMS 9.0 with PC-Intel Windows NT 4.0 on Sun Java System (Sun ONE) Web Server 6.0 SP 5**

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<tr>
<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
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<td><strong>Platform:</strong></td>
<td>PC-Intel</td>
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<td><strong>Operating System:</strong></td>
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<td><strong>Web Server:</strong></td>
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<tr>
<td><strong>Web Server Version:</strong></td>
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</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
800 MHz minimum
1.0 GHz or higher recommended

**Processor:**
Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**
Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
**Display Properties:**

24 bit color depth

**Swap Space:**

300 MB minimum

Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**

A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**

ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

ARCMAP SERVER REQUIREMENTS
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Note: ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

COLDFUSION CONNECTOR REQUIREMENTS
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 4.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are: Microsoft Windows NT Option Pack (Microsoft Transaction Server 2.0)

**.NET LINK RUNTIME AND DEVELOPER HELP**

.NET Link Runtime and Developer Help is not available on this platform.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.
The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.

For more information regarding obtaining msxml3.dll, please see

http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

**Windows:**

ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30

**Web Server:** Do not use JDK 1.4.0 if you are running the Japanese or Chinese locales with Sun ONE Web Server. For more information please see the Sun ONE documentation at

http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712.
Related Materials

**Web Server:** Install Sun ONE Web Server (iPlanet) 6.0 sp5 with J2SDK 1.4.2 for ArcIMS 9.0 on Windows
### Product Information

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<th>Product:</th>
<th>ArcIMS 9.0</th>
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<tr>
<td>Platform:</td>
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### Hardware Requirements

**CPU Speed:**

- 800 MHz minimum
- 1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

- Web server/Manager: 256 MB of RAM recommended
- ArcIMS Application Server: 256 MB of RAM recommended
- ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
- HTML Viewers: 64 MB of RAM recommended
- Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
- All components: 256 MB of RAM recommended per CPU
**Display Properties:**

24 bit color depth

**Swap Space:**

300 MB minimum

Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**

A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-

Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-

JRE with the Java Plug-in is required.

JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.

JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**

ArcIMS Server-

Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**Note:** Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 4.0

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are: Microsoft Windows NT Option Pack (Microsoft Transaction Server 2.0)

**.NET LINK RUNTIME AND DEVELOPER HELP**

.NET Link Runtime and Developer Help is not available on this platform.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.
The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations
Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with PC-Intel Windows XP-Professional Edition on Apache 1.3.27

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<td>Web Server Version:</td>
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**Hardware Requirements**

**CPU Speed:**

800 MHz minimum, 1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
Display Properties:

24 bit color depth

Swap Space:

300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

Disk Space Requirements:

A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

J2SE SDK (JDK) REQUIREMENTS

ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required. If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

*Note:* ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

*Note:* Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

*Note:* International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.1

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.1 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Servlet Engines**

- ServletExec 4.2

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or
higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: ArcIMS 9.0 on Windows XP Service Pack 2 is certified with limitations. Refer to ESRI Knowledge Base Article FAQ: Windows XP SP2 and ArcGIS 9.0 Products for details. In order for ArcIMS 9.0 to be fully supported on Windows XP SP2, ArcIMS Service Pack 2 must be installed. Additional Limitations

There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30

Related Materials

Platform: Configure Windows XP SP2 Firewall to work with ArcIMS
XML declaration may only appear at the beginning of the document
Legend frame in the jspviewer sample does not refresh
Unable to show legend using the jspviewer sample
**ArcIMS 9.0 with PC-Intel Windows XP-Professional Edition on Apache 2.0.48**

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<thead>
<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
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<tbody>
<tr>
<td>Platform:</td>
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<td>Operating System:</td>
<td>Windows XP-Professional Edition</td>
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<td>Service Packs/Patches:</td>
<td>SP 1 SP2 (refer to Limitations)</td>
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<td>Shipping/Release Date:</td>
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<td>Apache</td>
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<tr>
<td>Web Server Version:</td>
<td>2.0.48</td>
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</table>

**Hardware Requirements**

**CPU Speed:**
800 MHz minimum, 1.0 GHz or higher recommended

**Processor:**
Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**
Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
Display Properties:
24 bit color depth

Swap Space:
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

Disk Space Requirements:
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

J2SE SDK (JDK) REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.1

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.1 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Servlet Engines**

- **ServletExec 5.0 AS**

  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94).

**Related materials:** Install Apache 2.0.48 with ServletExec 5.0 AS using J2SDK 1.4.2 for ArcIMS 9.0 on Windows

- Tomcat 4.1.29 with mod_jk2
**Related materials:** Install Apache 2.0.48 with Tomcat 4.1.29 with mod_jk2 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows NT/2000/XP

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The **Compatibility matrix** lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*

ArcGIS 8.1.2* or higher is needed
msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: ArcIMS 9.0 on Windows XP Service Pack 2 is certified with limitations.
Refer to ESRI Knowledge Base Article FAQ: Windows XP SP2 and ArcGIS 9.0 Products for details.
In order for ArcIMS 9.0 to be fully supported on Windows XP SP2, ArcIMS Service Pack 2 must be installed. Additional Limitations

There is a bug in Tomcat 4.1.29 with code pages that breaks international applications.
It is highly recommended that international customers use Tomcat 4.1.30

Related Materials

Platform: Configure Windows XP SP2 Firewall to work with ArcIMS
XML declaration may only appear at the beginning of the document
Legend frame in the jspviewer sample does not refresh
Unable to show legend using the jspviewer sample
Servlet Engine: ServletExec 5.0 AS - Install Apache 2.0.48 with ServletExec 5.0 AS using J2SDK 1.4.2 for ArcIMS 9.0 on Windows

Servlet Engine: Tomcat 4.1.29 with mod_jk2 - Install Apache 2.0.48 with Tomcat 4.1.29 with mod_jk2 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows NT/2000/XP
ArcIMS 9.0 with PC-Intel Windows XP-Professional Edition on Apache 2.0.46

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<tr>
<td>Platform:</td>
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<tr>
<td>Operating System:</td>
<td>Windows XP-Professional Edition</td>
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<td>Service Packs/Patches:</td>
<td>SP 1, SP2 (refer to Limitations)</td>
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<td>Web Server:</td>
<td>Apache</td>
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<td>Web Server Version:</td>
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**Hardware Requirements**

**CPU Speed:**

800 MHz minimum, 1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
**Display Properties:**
24 bit color depth

**Swap Space:**
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain
and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap
Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in
Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop
9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the
same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**Note:** Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold
Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.1

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.1 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Servlet Engines**

- Tomcat 4.1.24 with mod_jk2

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or
higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in
ArcIMS ArcMap Server 9.0.

Limitations

Platform: ArcIMS 9.0 on Windows XP Service Pack 2 is certified with limitations.
Refer to ESRI Knowledge Base Article FAQ: Windows XP SP2 and ArcGIS 9.0 Products for details.
In order for ArcIMS 9.0 to be fully supported on Windows XP SP2, ArcIMS Service Pack 2 must be installed. Additional Limitations
There is a bug in Tomcat 4.1.29 with code pages that breaks international applications.
It is highly recommended that international customers use Tomcat 4.1.30

Related Materials

Platform: Configure Windows XP SP2 Firewall to work with ArcIMS
XML declaration may only appear at the beginning of the document
Legend frame in the jspviewer sample does not refresh
Unable to show legend using the jspviewer sample
### ArcIMS 9.0 with PC-Intel Windows XP-Professional Edition on Internet Information Server 5.1

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<th>Description</th>
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<tr>
<td><strong>Product:</strong></td>
<td>ArcIMS 9.0</td>
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<tr>
<td><strong>Platform:</strong></td>
<td>PC-Intel</td>
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<td><strong>Operating System:</strong></td>
<td>Windows XP-Professional Edition</td>
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<td><strong>Web Server:</strong></td>
<td>Internet Information Server</td>
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<tr>
<td><strong>Web Server Version:</strong></td>
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</table>

### Hardware Requirements

**CPU Speed:**

800 MHz minimum, 1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
Display Properties:
24 bit color depth

Swap Space:
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

Disk Space Requirements:
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

J2SE SDK (JDK) REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector -
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain
and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap
Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in
Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop
9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the
same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold
Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.1

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.1 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Servlet Engines**

- **Jrun 4.0**
  
 Updater 3 is required for JRun 4.0, and can be downloaded from the following link: [http://www.macromedia.com/support/jrun/updaters.html](http://www.macromedia.com/support/jrun/updaters.html)

  **Related materials:** Install IIS 4/5 with JRun 4 and J2SDK 1.4.2 for ArcIMS 9.0 on Windows

- **ServletExec 4.2 ISAPI**

  **Related materials:** Install IIS 4/5 with ServletExec 4.2 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows

- **ServletExec 5.0 ISAPI**
**Related materials:** Install IIS 4/5 with ServletExec 5.0 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows

FAQ: What should be done if problems are experienced with ServletExec?

- Tomcat 4.1.24 w/ isapi_redirector.dll

**Related materials:** Install IIS 4.0/5.0 with Tomcat 4.1.29 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows NT/2000/XP

- Tomcat 4.1.29 w/ isapi_redirector.dll

**Related materials:** Install IIS 4.0/5.0 with Tomcat 4.1.29 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows NT/2000/XP

---

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD.
with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

**To view ArcIMS map services in ArcGIS:**
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

**To create .MXDs and .PMFs the following versions of ArcGIS are needed:**

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** ArcIMS 9.0 on Windows XP Service Pack 2 is certified with limitations.
Refer to ESRI Knowledge Base Article [FAQ: Windows XP SP2 and ArcGIS 9.0 Products](http://support.esri.com) for details.
In order for ArcIMS 9.0 to be fully supported on Windows XP SP2, [ArcIMS Service Pack 2](http://support.esri.com) must
be installed. **Additional Limitations**

There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30

**Related Materials**

**Platform:** Configure Windows XP SP2 Firewall to work with ArcIMS

XML declaration may only appear at the beginning of the document

Legend frame in the jspviewer sample does not refresh

Unable to show legend using the jspviewer sample

**Servlet Engine:** Jrun 4.0 - [Install IIS 4/5 with JRun 4 and J2SDK 1.4.2 for ArcIMS 9.0 on Windows](#)

**Servlet Engine:** ServletExec 4.2 ISAPI - [Install IIS 4/5 with ServletExec 4.2 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows](#)

**Servlet Engine:** ServletExec 5.0 ISAPI -

[Install IIS 4/5 with ServletExec 5.0 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows](#)

**FAQ:** What should be done if problems are experienced with ServletExec?

**Servlet Engine:** Tomcat 4.1.24 w/ isapi_redirector.dll - [Install IIS 4/0.5.0 with Tomcat 4.1.29 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows NT/2000/XP](#)

**Servlet Engine:** Tomcat 4.1.29 w/ isapi_redirector.dll - [Install IIS 4.0/5.0 with Tomcat 4.1.29 using J2SDK 1.4.2 for ArcIMS 9.0 on Windows NT/2000/XP](#)
ArcIMS 9.0 with PC-Intel Windows XP-Professional Edition on Sun Java System (Sun ONE) Application Server 7.0

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<thead>
<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
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<tr>
<td>Platform:</td>
<td>PC-Intel</td>
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<tr>
<td>Operating System:</td>
<td>Windows XP-Professional Edition</td>
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<tr>
<td>Service Packs/Patches:</td>
<td>SP 1, SP2 (refer to Limitations)</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2004</td>
</tr>
<tr>
<td>Web Server:</td>
<td>Sun Java System (Sun ONE) Application Server</td>
</tr>
<tr>
<td>Web Server Version:</td>
<td>7.0</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum, 1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
**Display Properties:**

24 bit color depth

**Swap Space:**

300 MB minimum

Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

**Disk Space Requirements:**

A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

ArcIMS Server-

Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-

JRE with the Java Plug-in is required.

JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.

JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

**J2SE SDK (JDK) REQUIREMENTS**

ArcIMS Server-

Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

**ARCMAP SERVER REQUIREMENTS**
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Note:** ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop 9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the same machine as ArcGIS 8.3.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

**Note:** International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.1

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.1 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3
Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see
[http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&id=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&id=22313).

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

*Windows:*
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

*Solaris:*
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.
Limitations

**Platform:** ArcIMS 9.0 on Windows XP Service Pack 2 is certified with limitations. Refer to ESRI Knowledge Base Article FAQ: Windows XP SP2 and ArcGIS 9.0 Products for details. In order for ArcIMS 9.0 to be fully supported on Windows XP SP2, ArcIMS Service Pack 2 must be installed. **Additional Limitations**

There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30

Related Materials

**Platform:** Configure Windows XP SP2 Firewall to work with ArcIMS
XML declaration may only appear at the beginning of the document
Legend frame in the jspviewer sample does not refresh
Unable to show legend using the jspviewer sample

**Web Server:** Install Sun Java System Application Server 7.0 with J2SDK 1.4.2 for ArcIMS 9.0 on Windows
ArcIMS 9.0 with PC-Intel Windows XP-Professional Edition on WebLogic 7.0 SP 1

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<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
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<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>PC-Intel</td>
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<tr>
<td><strong>Operating System:</strong></td>
<td>Windows XP-Professional Edition</td>
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<td><strong>Service Packs/Patches:</strong></td>
<td>SP 1, SP2 (refer to Limitations)</td>
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<td><strong>Shipping/Release Date:</strong></td>
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<td><strong>Web Server:</strong></td>
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</tr>
<tr>
<td><strong>Web Server Version:</strong></td>
<td>7.0 SP 1</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

800 MHz minimum, 1.0 GHz or higher recommended

**Processor:**

Intel Workstation and Server processors (i.e, Pentium or Xeon Processors)

**Memory/RAM:**

Web server/Manager: 256 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU
Display Properties:
24 bit color depth

Swap Space:
300 MB minimum
Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients accessing the server.

Disk Space Requirements:
A Typical ArcIMS installation requires approximately 478 MB of NTFS (505 MB of FAT) disk space for program files and system files. If installing to a drive other than your system drive, 123 MB of this total of NTFS space (127 MB of FAT) will be required on your system drive for system files.

A Complete installation of ArcIMS requires approximately 827 MB of NTFS (864 MB of FAT) disk space. If installing to a drive other than your system drive, 224 MB of this total of NTFS space (231 MB of FAT) will be required on your system drive for system files.

For the disk space requirements for each ArcIMS component, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JRE versions.

ArcIMS Manager and Java Viewers-
JRE with the Java Plug-in is required.
JRE versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JRE versions 1.3.1_03, 1.3.1_04, 1.4.0_01, 1.4.0_02, and 1.4.0_03 are not supported.

A J2SE JRE does not have to be installed prior to installing ArcIMS, the post installation setup will provide you with the opportunity to install and configure a system registered J2SE JRE version 1.4.2.

J2SE SDK (JDK) REQUIREMENTS
ArcIMS Server-
Refer to your Web server documentation for supported JDK versions.
ArcIMS Service Administrator, Metadata Explorer, and Java Connector-
JDK versions 1.3.1_02, 1.4.0, 1.4.1_05, and 1.4.2 are supported.
JDK versions 1.3.1_03, 1.3.1_04, 1.4.0_01, and 1.4.0_03 are not supported.

ARCMAP SERVER REQUIREMENTS
Internet Explorer 6.0 or higher, and Microsoft Data Access Components (MDAC) 2.5 are required.
If you do not have MDAC 2.5 or higher the install will optionally let you install it. You must obtain
and install Internet Explorer 6.0 or higher.

The following software is required to use the ArcMap Server:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.

ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap
Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in
Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

Note: ArcIMS ArcMap Server 9.0 can now be installed on the same machine as ArcGIS Desktop
9.0 or ArcInfo Workstation 9.0. However, ArcIMS ArcMap Server 9.0, can NOT be installed on the
same machine as ArcGIS 8.3.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

Note: Informix databases are not supported.

COLDFUSION CONNECTOR REQUIREMENTS
ColdFusion MX 6.0

Development Environment: ColdFusion Studio 4.5.1, 4.5.2 or 5.0.

Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold
Fusion Connector.
**ACTIVEX CONNECTOR REQUIREMENTS**

**Web Server:** Microsoft IIS 5.1

**Development Environment:** Microsoft Visual InterDev 6.0, SP3, or Visual Studio 6.0

Internet Explorer 6.0 or higher is required for the ActiveX connector. You must obtain and install Internet Explorer 6.0 or higher.

The ActiveX Connector feature will install WinHTTP5 on the user's machine - the HTTP5 requirements are:

Service Pack 3 is recommended for Windows 2000.

**.NET LINK RUNTIME AND DEVELOPER HELP**

**Web Server:** Microsoft IIS 5.1 with ASP.NET 1.1 support

.NET Link Runtime and Developer Help require the Microsoft .NET Framework 1.1 AND the Microsoft .NET Framework 1.1 SDK.

**Supported Web Browsers**

- Internet Explorer 6.0 or higher
- Netscape Communicator 7.1

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3
Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

**To view ArcIMS map services in ArcGIS:**
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

**To create .MXDs and .PMFs the following versions of ArcGIS are needed:**

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.
Limitations

Platform: ArcIMS 9.0 on Windows XP Service Pack 2 is certified with limitations. Refer to ESRI Knowledge Base Article FAQ: Windows XP SP2 and ArcGIS 9.0 Products for details. In order for ArcIMS 9.0 to be fully supported on Windows XP SP2, ArcIMS Service Pack 2 must be installed. Additional Limitations

There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30

Related Materials

Platform: Configure Windows XP SP2 Firewall to work with ArcIMS
XML declaration may only appear at the beginning of the document
Legend frame in the jspviewer sample does not refresh
Unable to show legend using the jspviewer sample
ArcIMS 9.0 with Sun Solaris 8 (SPARC) on Apache 1.3.27

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<th>ArcIMS 9.0</th>
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<tr>
<td>Platform</td>
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<tr>
<td>Operating System</td>
<td>Solaris 8 (SPARC)</td>
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<td>Shipping/Release Date</td>
<td>May 10, 2004</td>
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<tr>
<td>Web Server</td>
<td>Apache</td>
</tr>
<tr>
<td>Web Server Version</td>
<td>1.3.27</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**
- Manager Applications: 64 MB of RAM recommended
- ArcIMS Application Server: 256 MB of RAM recommended
- ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
- HTML Viewers: 64 MB of RAM recommended
- Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
- All components: 256 MB of RAM recommended per CPU

**Display Properties:**
- 24 bit color depth

**Disk Space Requirements:**
The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

J2SE JRE REQUIREMENTS
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

J2SE SDK (JDK) REQUIREMENTS
Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

COLDFUSION CONNECTOR REQUIREMENTS
ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Servlet Engines**

- ServletExec 4.2

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

- Metadata users only
  ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverages CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
Hardware Requirements

Memory/RAM:
Manager Applications: 64 MB of RAM recommended
ArcIMS Application Server: 256 MB of RAM recommended
ArcIMS Spatial Server: 256 MB of RAM recommended per CPU
HTML Viewers: 64 MB of RAM recommended
Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended
All components: 256 MB of RAM recommended per CPU

Display Properties:
24 bit color depth

Disk Space Requirements:
The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMAP SERVER REQUIREMENTS**
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines

- ServletExec 5.0 AS

  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the New Atlanta Web site.

- Tomcat 4.1.29 with mod_jk2
- Tomcat 5.0.25 with mod_jk2

Supported Web Browsers

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser. It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2
Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.*

For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).
To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with Sun Solaris 8 (SPARC) on Apache 2.0.46

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<td>Platform:</td>
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<td>Operating System:</td>
<td>Solaris 8 (SPARC)</td>
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<td>Web Server Version:</td>
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</table>

**Hardware Requirements**

**Memory/RAM:**
Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**
24 bit color depth

**Disk Space Requirements:**
The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMap SERVER REQUIREMENTS**
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Servlet Engines**

- ServletExec 5.0 AS

  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94).

- Tomcat 4.1.24 with mod_jk2
- Tomcat 5.0.25 with mod_jk2

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2
Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.

For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).
To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations
Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with Sun Solaris 8 (SPARC) on IBM HTTP Server 1.3.27

| Product:     | ArcIMS 9.0                |
| Platform:    | Sun                      |
| Operating System: | Solaris 8 (SPARC)    |
| Shipping/Release Date: | May 10, 2004    |
| Web Server:  | IBM HTTP Server          |
| Web Server Version: | 1.3.27             |

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
**Notes:**

**J2SE JRE REQUIREMENTS**
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMAP SERVER REQUIREMENTS**
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ADDITIONAL NOTES**

ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Servlet Engines**

- WebSphere 5.0

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with Sun Solaris 8 (SPARC) on IBM HTTP Server 1.3.28

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<th>ArcIMS 9.0</th>
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<tbody>
<tr>
<td>Platform</td>
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<td>Operating System</td>
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<td>IBM HTTP Server</td>
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<tr>
<td>Web Server Version</td>
<td>1.3.28</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMap SERVER REQUIREMENTS**
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ADDITIONAL NOTES**

ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Servlet Engines**

- WebSphere 5.1

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.
Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with Sun Solaris 8 (SPARC) on Oracle Application Server 9.0.3

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<th>ArcIMS 9.0</th>
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<td>Platform:</td>
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<td>Oracle Application Server</td>
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<tr>
<td>Web Server Version:</td>
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</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMap SERVER REQUIREMENTS**
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order
to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The **Compatibility matrix** lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

**To view ArcIMS map services in ArcGIS:**

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

**To create .MXDs and .PMFs the following versions of ArcGIS are needed:**

**Windows:**

ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with Sun Solaris 8 (SPARC) on Sun Java System (Sun ONE) Application Server 7.0

| Product: | ArcIMS 9.0 |
| Platform: | Sun |
| Operating System: | Solaris 8 (SPARC) |
| Shipping/Release Date: | May 10, 2004 |
| Web Server: | Sun Java System (Sun ONE) Application Server |
| Web Server Version: | 7.0 |

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
**Notes:**

**J2SE JRE REQUIREMENTS**
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMAP SERVER REQUIREMENTS**
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser. It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**
The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order
to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the
ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and
ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD
with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage
CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

*Windows:*

ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap
Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in
Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

*Solaris:*

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or
higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in
ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
ArcIMS 9.0 with Sun Solaris 8 (SPARC) on Sun Java System (Sun ONE) Web Server 6.0 SP 5

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<tr>
<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
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</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>Sun</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Solaris 8 (SPARC)</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2004</td>
</tr>
<tr>
<td><strong>Web Server:</strong></td>
<td>Sun Java System (Sun ONE) Web Server</td>
</tr>
<tr>
<td><strong>Web Server Version:</strong></td>
<td>6.0 SP 5</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
**Notes:**

**J2SE JRE REQUIREMENTS**

JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMAP SERVER REQUIREMENTS**

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

ArcGIS 9.0

ArcSDE 9.0

**COLDFUSION CONNECTOR REQUIREMENTS**

ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from 
$AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**
The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order
to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the
ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and
ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD
with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage
CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

**Windows:**

ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap
Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in
Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

**Solaris:**

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or
higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in
ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.

Web Server: Do not use JDK 1.4.0 if you are running the Japanese or Chinese locales with Sun ONE Web Server. For more information please see the Sun ONE documentation at http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712.
ArcIMS 9.0 with Sun Solaris 8 (SPARC) on Sun Java System (Sun ONE) Web Server 6.1 SP 2

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<th>Product</th>
<th>ArcIMS 9.0</th>
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<tr>
<td>Platform</td>
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<tr>
<td>Operating System</td>
<td>Solaris 8 (SPARC)</td>
</tr>
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<td>May 10, 2004</td>
</tr>
<tr>
<td>Web Server</td>
<td>Sun Java System (Sun ONE) Web Server</td>
</tr>
<tr>
<td>Web Server Version</td>
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</tr>
</tbody>
</table>

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMap SERVER REQUIREMENTS**
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ADDITIONAL NOTES**

ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser. It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order
to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the
ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and
ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD
with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage
CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](https://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see
http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

**Windows:**

ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap
Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in
Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3
PMFs re-publish the PMF.

**Solaris:**

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or
higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in
ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30

Web Server: Do not use JDK 1.4.0 if you are running the Japanese or Chinese locales with Sun ONE Web Server. For more information please see the Sun ONE documentation at http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712.
ArcIMS 9.0 with Sun Solaris 8 (SPARC) on WebLogic 8.1

<table>
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<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
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<tr>
<td>Platform:</td>
<td>Sun</td>
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<td>Operating System:</td>
<td>Solaris 8 (SPARC)</td>
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<tr>
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<td>May 10, 2004</td>
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<td>Web Server:</td>
<td>WebLogic</td>
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<tr>
<td>Web Server Version:</td>
<td>8.1</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMap SERVER REQUIREMENTS**
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.
It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order
to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with Sun Solaris 8 (SPARC) on WebLogic 7.0 SP 1

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>Sun</td>
</tr>
<tr>
<td>Operating System:</td>
<td>Solaris 8 (SPARC)</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2004</td>
</tr>
<tr>
<td>Web Server:</td>
<td>WebLogic</td>
</tr>
<tr>
<td>Web Server Version:</td>
<td>7.0 SP 1</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMAP SERVER REQUIREMENTS**
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**COLDFUSION CONNECTOR REQUIREMENTS**
ColdFusion MX 6.0
Note: International editions of Cold Fusion may not work properly with the ArcIMS 9.0 Cold Fusion Connector.

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser. It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**
The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order
to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with Sun Solaris 9 (SPARC) on Apache 2.0.46

<table>
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<tr>
<th>Product:</th>
<th>ArcIMS 9.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>Sun</td>
</tr>
<tr>
<td>Operating System:</td>
<td>Solaris 9 (SPARC)</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2004</td>
</tr>
<tr>
<td>Web Server:</td>
<td>Apache</td>
</tr>
<tr>
<td>Web Server Version:</td>
<td>2.0.46</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Memory/RAM:**
Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**
24 bit color depth

**Disk Space Requirements:**
The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**
Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMAP SERVER REQUIREMENTS**
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

**ADDITIONAL NOTES**
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.
The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Servlet Engines**

- ServletExec 5.0 AS
  
  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com).

- Tomcat 4.1.24 with mod_jk2
- Tomcat 5.0.25 with mod_jk2

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher
Note: Informix databases are not supported.

Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.
Solaris:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
**ArcIMS 9.0 with Sun Solaris 9 (SPARC) on Apache 2.0.48**

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>Sun</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Solaris 9 (SPARC)</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2004</td>
</tr>
<tr>
<td><strong>Web Server:</strong></td>
<td>Apache</td>
</tr>
<tr>
<td><strong>Web Server Version:</strong></td>
<td>2.0.48</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Memory/RAM:**
Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**
24 bit color depth

**Disk Space Requirements:**
The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

J2SE JRE REQUIREMENTS
JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

J2SE SDK (JDK) REQUIREMENTS
Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES
Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

ARCMAP SERVER REQUIREMENTS
ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

METADATA SERVICE REQUIREMENTS
The following software is required to use the ArcIMS Metadata Service:
ArcGIS 9.0
ArcSDE 9.0

ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.
The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines

- ServletExec 5.0 AS

  If you are using ServletExec 5.0 AS and you did not install it from the ArcIMS CD, you will need to verify that you are using ServletExec native adapter version 5.0c or greater. See [http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94](http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94) for directions on determining the version of the ServletExec AS native adapter you have installed. ArcIMS Supports ServletExec 5.0 (patch level c or greater). If you do not have ServletExec 5.0 (patch level c or greater) installed you can obtain it from the ArcIMS CD or from the [New Atlanta Web site](http://www.newatlanta.com).

- Tomcat 4.1.29 with mod_jk2
- Tomcat 5.0.25 with mod_jk2

Supported Web Browsers

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

* Metadata users only
  ArcSDE 9.0 or higher
Note: Informix databases are not supported.

Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.
Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
Hardware Requirements

**CPU Speed:**
1.0 GHz recommended or higher

**Memory/RAM:**
Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**
24 bit color depth
**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

**ARCMap Server REQUIREMENTS**

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

ArcGIS 9.0

ArcSDE 9.0
ADDITIONAL NOTES
ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines
- WebSphere 5.1

Supported Web Browsers

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser. It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Compatibility Notes
The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3
Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:

ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

To create .MXDs and .PMFs the following versions of ArcGIS are needed:

Windows:
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

Solaris:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.
Limitations

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
ArcIMS 9.0 with Sun Solaris 9 (SPARC) on Sun Java System (Sun ONE) Application Server 7.0

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<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
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<tr>
<td><strong>Platform:</strong></td>
<td>Sun</td>
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<tr>
<td><strong>Operating System:</strong></td>
<td>Solaris 9 (SPARC)</td>
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<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2004</td>
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<tr>
<td><strong>Web Server:</strong></td>
<td>Sun Java System (Sun ONE) Application Server</td>
</tr>
<tr>
<td><strong>Web Server Version:</strong></td>
<td>7.0</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth
**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMAP SERVER REQUIREMENTS**

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

ArcGIS 9.0
ArcSDE 9.0
ADDITIONAL NOTES

ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

Other users
ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher
ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD
with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The Compatibility matrix lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

* To view ArcIMS map services in ArcGIS: ArcGIS 8.1.2* or higher is needed
* msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313.

* To create .MXDs and .PMFs the following versions of ArcGIS are needed:

  **Windows:**
  ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

  **Solaris:**
  If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

Platform: There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.
**ArcIMS 9.0 with Sun Solaris 9 (SPARC) on Sun Java System (Sun ONE) Web Server 6.0 SP 5**

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
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</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>Sun</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Solaris 9 (SPARC)</td>
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<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2004</td>
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<tr>
<td><strong>Web Server:</strong></td>
<td>Sun Java System (Sun ONE) Web Server</td>
</tr>
<tr>
<td><strong>Web Server Version:</strong></td>
<td>6.0 SP 5</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth
**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMap Server REQUIREMENTS**

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

ArcGIS 9.0
ArcSDE 9.0
**ADDITIONAL NOTES**

ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

**Metadata users only**

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

**Other users**

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD.
with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

*To view ArcIMS map services in ArcGIS:*
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).*

*To create .MXDs and .PMFs the following versions of ArcGIS are needed:*

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs / .PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
**Web Server:** Do not use JDK 1.4.0 if you are running the Japanese or Chinese locales with Sun ONE Web Server. For more information please see the Sun ONE documentation at [http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712](http://docs.sun.com/source/816-6434-10/rn60sp5.html#1010712).
ArcIMS 9.0 with Sun Solaris 9 (SPARC) on Sun Java System (Sun ONE) Web Server 6.1 SP 2

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<tr>
<th><strong>Product:</strong></th>
<th>ArcIMS 9.0</th>
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</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>Sun</td>
</tr>
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<td><strong>Shipping/Release Date:</strong></td>
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<td><strong>Web Server:</strong></td>
<td>Sun Java System (Sun ONE) Web Server</td>
</tr>
<tr>
<td><strong>Web Server Version:</strong></td>
<td>6.1 SP 2</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Memory/RAM:**
Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**
24 bit color depth
**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

**Notes:**

**J2SE JRE REQUIREMENTS**

JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMAP SERVER REQUIREMENTS**

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

ArcGIS 9.0
ArcSDE 9.0
**ADDITIONAL NOTES**

ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.

The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD
with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

The [Compatibility matrix](#) lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

**To view ArcIMS map services in ArcGIS:**
ArcGIS 8.1.2* or higher is needed

*msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work.
For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).

**To create .MXDs and .PMFs the following versions of ArcGIS are needed:**

**Windows:**
ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0.
ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

**Solaris:**
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30
## Hardware Requirements

**CPU Speed:**

1.0 GHz recommended or higher

**Memory/RAM:**

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

Java Viewers and ArcExplorer-Java Edition: 128 MB of RAM recommended

All components: 256 MB of RAM recommended per CPU

**Display Properties:**

24 bit color depth

**Disk Space Requirements:**

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.
Notes:

**J2SE JRE REQUIREMENTS**

JRE version 1.4.2 is supported.

JRE versions greater than 1.4.2 are unknown to work at this time.

**J2SE SDK (JDK) REQUIREMENTS**

Refer to your Web server documentation for supported JDK versions.

**JAVA 2 PATCHES**

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at [http://sunsolve.sun.com](http://sunsolve.sun.com)

**ARCMAP SERVER REQUIREMENTS**

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

```
/ArcIMS/mwTools/checkRequirements
```

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs ./PMFs that can be served in ArcIMS ArcMap Server 9.0.

**METADATA SERVICE REQUIREMENTS**

The following software is required to use the ArcIMS Metadata Service:

ArcGIS 9.0

ArcSDE 9.0

**ADDITIONAL NOTES**

ESRI recommends that you execute ArcIMS from a C shell. The instructions in this installation document are for a C shell environment setup only.
The X Window System must be installed. X Window is usually installed by default with the operating system.

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

**Supported Web Browsers**

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

It appears that Netscape fails to recognize the JAVA_HOME variable; hence, Netscape is expecting to find the necessary ArcIMS Java Archive (JAR) files under the default Java 2 Runtime Environment (JRE) install location. To get around this, copy the JAR files from $AIMSHOME/Manager/lib to the default JRE install location.

**Compatibility Notes**

The following versions of ArcSDE are supported by ArcIMS:

*Metadata users only*

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

*Other users*

ArcSDE 8.0.x, ArcSDE 8.1.x, ArcSDE 8.2, or ArcSDE 8.3 or higher

ArcSDE for Coverages 8.3

Note: The ArcGIS 9.0 Desktop applications and ArcIMS 9.0 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0. Any ArcGIS Desktop, ArcIMS or ArcSDE 9.0 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.
The **Compatibility matrix** lists the versions of ArcIMS that work with ArcSDE.

The following versions of ArcGIS are supported by ArcIMS:

* **To view ArcIMS map services in ArcGIS:**
  ArcGIS 8.1.2* or higher is needed

  *msxml3.dll needs to be present and registered on the client machine in order for 8.1.2 to work. For more information regarding obtaining msxml3.dll, please see [http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313](http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=22313).*

* **To create .MXDs and .PMFs the following versions of ArcGIS are needed:**

  * **Windows:**
    ArcGIS 8.2 or higher is needed to create .MXDs that can be served in ArcIMS ArcMap Server 9.0. ArcGIS 8.3 or higher can be used to create .PMF files that can be served in ArcIMS ArcMap Server 9.0. In order to do so, users must uncheck the "Open in ArcReader only" checkbox in Application Tab of the Publisher Settings dialog and then publish the PMF, or in the case of 8.3 PMFs re-publish the PMF.

  * **Solaris:**
    If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0. If file based data is used, ArcGIS 9.0 is needed to create .MXDs/.PMFs that can be served in ArcIMS ArcMap Server 9.0.

**Limitations**

**Platform:** There is a bug in Tomcat 4.1.29 with code pages that breaks international applications. It is highly recommended that international customers use Tomcat 4.1.30.