

# ArcSDE 8.2 System Requirements

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This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcSDE 8.2.

- Compaq/Digital Tru 64 UNIX 5.0
  - Oracle 8i (64 bit) 8.1.6.0.0
- Compaq/Digital Tru 64 UNIX 5.1
  - Oracle 8i (64 bit) 8.1.7.0.0
- Compaq/Digital Tru 64 UNIX 5.1a
  - Oracle 8i (64 bit) 8.1.6.0.0
  - Oracle 8i (64 bit) 8.1.7.0.0
- HP HP-UX 11.0
  - Informix Dynamic Server 9.21 HC4
  - Informix Dynamic Server 9.30 FC1 64-bit
  - Oracle 8i (32 bit) 8.1.6.0.0
  - Oracle 8i (32 bit) 8.1.7.0.0
  - Oracle 9i (64 bit) 9.0.1.2.0
  - Oracle 9i (64 bit) 9.2.0.3.0
- HP HP-UX 11i (11.11)
  - Oracle 9i (64 bit) 9.0.1.2.0
  - Oracle 9i (64 bit) 9.2.0.3.0
- IBM AIX 4.3.3.0
  - IBM DB2 Universal Database (UDB) 7.2 FP4, FP5, FP8
  - Informix Dynamic Server 9.21 UC4
  - Informix Dynamic Server 9.30 UC1
  - Oracle 8i (32 bit) 8.1.6.0.0
  - Oracle 8i (32 bit) 8.1.7
- IBM AIX 5.1.0.0
  - IBM DB2 Universal Database (UDB) FP5, FP8 (Recommended)
  - Informix Dynamic Server 9.21 UC1
  - Informix Dynamic Server 9.30 UC1
  - Oracle 8i (32 bit) 8.1.7
- Linux-Intel Red Hat Linux 7.1
  - Oracle 9i (32 bit) 9.0.1.2.0
- Linux-Intel Red Hat Linux Advance Server 2.1
  - Oracle 9i (32 bit) 9.0.1.2.0
- PC-Intel Windows 2000 Datacenter
  - Microsoft SQL Server 2000
  - Microsoft SQL Server 7
  - Oracle 8i (32 bit) 8.1.7.0.0

- Oracle 9i (32 bit) 9.0.1.2.0
  - Oracle 9i (32 bit) 9.2.0.3.0
- PC-Intel Intel Windows 2000 Professional
  - IBM DB2 Universal Database (UDB) 7.2 FP4, FP5, FP8
  - Informix Dynamic Server 9.21 TC4
  - Informix Dynamic Server 9.30 TC1
  - Microsoft SQL Server 2000
  - Microsoft SQL Server 7
  - Oracle 8i (32 bit) 8.1.6.0.0
  - Oracle 8i (32 bit) 8.1.7.0.0
  - Oracle 9i (32 bit) 9.0.1.2.0
  - Oracle 9i (32 bit) 9.2.0.3.0
- PC-Intel Intel Windows 2000 Server
  - Microsoft SQL Server 2000
  - Microsoft SQL Server 7
  - Oracle 8i (32 bit) 8.1.7.0.0
  - Oracle 8i (32 bit) 8.1.6.0.0
  - Oracle 9i (32 bit) 9.0.1.2.0
  - Oracle 9i (32 bit) 9.2.0.3.0
- PC-Intel Windows NT Server 4.0
  - IBM DB2 Universal Database (UDB) 7.2 FP4, FP5, FP8, FP9
  - Informix Dynamic Server 9.21 TC4
  - Informix Dynamic Server 9.30 TC1
  - Microsoft SQL Server 2000
  - Microsoft SQL Server 7
  - Oracle 8i (32 bit) 8.1.6.0.0
  - Oracle 8i (32 bit) 8.1.7.0.0
  - Oracle 9i (32 bit) 9.0.1.2.0
  - Oracle 9i (32 bit) 9.2.0.3.0
- SGI IRIX 6.5.6
  - Oracle 8i (32 bit) 8.1.6.0.0
- SGI IRIX 6.5.9
  - Oracle 8i (64 bit) 8.1.6
- Sun Solaris 7 (SPARC)
  - Informix Dynamic Server 9.21 UC4
  - Informix Dynamic Server 9.30 UC1
  - Oracle 8i (32 bit) 8.1.6.0.0
  - Oracle 8i (32 bit) 8.1.7.0.0
  - Oracle 9i (32 bit) 9.0.1.2.0
  - Oracle 9i (32 bit) 9.2.0.3.0
- Sun Solaris 8 (SPARC)

- Informix Dynamic Server 9.21 UC4
- Informix Dynamic Server 9.30 FC1 64-bit
- Informix Dynamic Server 9.30 UC1
- Oracle 8i (32 bit) 8.1.6.0.0
- Oracle 8i (32 bit) 8.1.7.0.0
- Oracle 9i (32 bit) 9.0.1.2.0
- Oracle 9i (32 bit) 9.2.0.3.0
- Sun Solaris 9 (SPARC)
  - Oracle 9i (32 bit) 9.0.1.2.0
  - Oracle 9i (32 bit) 9.2.0.3.0

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## ArcSDE 8.2 with Compaq/Digital Tru64 UNIX 5.0 on Oracle 8i (64 bit) 8.1.6.0.0

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Compaq/Digital

*Operating System:* Tru64 UNIX 5.0

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (64 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 25, 2002

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### Hardware Requirements

#### Memory/RAM:

32 MB Minimum (based on a single user) - 64 MB recommended

**Swap Space:**

200 MB minimum

**Window System:**

CDE or Motif

**Disk Space:**

287 MB

**Notes:**

Loading mandatory OS subsets:

Compaq Fortran for Tru64 UNIX Alpha Systems Run-Time Support (/usr/shlib/libfor.so) is required for ArcInfo software. In this example, CDROM is SCSI #4.

1. Mount Tru64 UNIX Associated Products CD: mount -dr /dev/rz4c /cdrom.
2. Load subset from /cdrom/ALPHA using the 'setld -l' command.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with Compaq/Digital Tru64 UNIX 5.1 on Oracle 8i (64 bit)****8.1.7.0.0****Quick Links**

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Compaq/Digital

*Operating System:* Tru64 UNIX 5.1

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (64 bit)

*DBMS Version:* 8.1.7.0.0

DBMS Certification Date: March 25, 2002

## Hardware Requirements

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### Memory/RAM:

32 MB Minimum (based on a single user) - 64 MB recommended

### Swap Space:

200 MB minimum

### Window System:

CDE or Motif

### Disk Space:

287 MB

### Notes:

Loading mandatory OS subsets:

Compaq Fortran for Tru64 UNIX Alpha Systems Run-Time Support (/usr/shlib/libfor.so) is required for ArcInfo software. In this example, CDROM is SCSI #4.

1. Mount Tru64 UNIX Associated Products CD: mount -dr /dev/rz4c /cdrom.
2. Load subset from /cdrom/ALPHA using the 'setld -l' command.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Compaq/Digital Tru64 UNIX 5.1a on Oracle 8i (64 bit) 8.1.6.0.0

### Quick Links

#### [Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Compaq/Digital

*Operating System:* Tru64 UNIX 5.1a

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (64 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 25, 2002

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

### ArcSDE 8.2 with Compaq/Digital Tru64 UNIX 5.1a on Oracle 8i (64 bit) 8.1.7.0.0

#### Quick Links

##### [Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Compaq/Digital

*Operating System:* Tru64 UNIX 5.1a

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (64 bit)

*DBMS Version:* 8.1.7.0.0

*DBMS Certification Date:* March 25, 2002

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

### ArcSDE 8.2 with HP HP-UX 11.0 on INFORMIX Dynamic Server 9.21.HC4

#### Quick Links

## Hardware Requirements

### Compatibility Notes

*Product:* ArcSDE 8.2

*Platform:* HP

*Operating System:* HP-UX 11.0

*Service Pack(s)/Patch(es):* PHSS\_19593, PHSS\_21950, PHSS\_16931

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.21.HC4

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

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### **Processor:**

HP PA-RISC

### **Memory/RAM:**

64 MB minimum (based on a single user)

### **Swap Space:**

200 MB minimum

### **Window System:**

CDE or HP VUE

### **Disk Space:**

331 MB

### **Architecture:**

700 and 8x7 Series

### **Notes:**

PHSS\_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)  
PHSS\_21950 s700\_800 11.X LIBCL patch, which requires PHSS\_16931

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with HP HP-UX 11.0 on INFORMIX Dynamic Server 9.30.FC1 64-bit

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* HP

*Operating System:* HP-UX 11.0

*Service Pack(s)/Patch(es):* PHSS\_19593, PHSS\_21950, PHSS\_16931

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.30.FC1 64-bit

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

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### Processor:

HP PA-RISC

### Memory/RAM:

64 MB minimum (based on a single user)

### Swap Space:

200 MB minimum

**Window System:**

CDE or HP VUE

**Disk Space:**

331 MB

**Architecture:**

700 and 8x7 Series

**Notes:**

PHSS\_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)  
PHSS\_21950 s700\_800 11.X LIBCL patch, which requires PHSS\_16931

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with HP HP-UX 11.0 on Oracle 8i (32 bit) 8.1.6.0.0**

**Quick Links**

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* HP

*Operating System:* HP-UX 11.0

*Service Pack(s)/Patch(es):* PHSS\_19593, PHSS\_21950, PHSS\_16931

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

DBMS Version: 8.1.6.0.0

DBMS Certification Date: March 25, 2002

## Hardware Requirements

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### Processor:

HP PA-RISC

### Memory/RAM:

64 MB minimum (based on a single user)

### Swap Space:

200 MB minimum

### Window System:

CDE or HP VUE

### Disk Space:

331 MB

### Architecture:

700 and 8x7 Series

### Notes:

PHSS\_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)

PHSS\_21950 s700\_800 11.X LIBCL patch, which requires PHSS\_16931

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with HP HP-UX 11.0 on Oracle 8i (32 bit) 8.1.7.0.0

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* HP

*Operating System:* HP-UX 11.0

*Service Pack(s)/Patch(es):* PHSS\_19593, PHSS\_21950, PHSS\_16931

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.7.0.0

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

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### **Processor:**

HP PA-RISC

### **Memory/RAM:**

64 MB minimum (based on a single user)

### **Swap Space:**

200 MB minimum

### **Window System:**

CDE or HP VUE

### **Disk Space:**

331 MB

### **Architecture:**

700 and 8x7 Series

### **Notes:**

PHSS\_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)

PHSS\_21950 s700\_800 11.X LIBCL patch, which requires PHSS\_16931

## **Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with HP HP-UX 11.0 on Oracle 9i (64 bit) 9.0.1.2.0

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* HP

*Operating System:* HP-UX 11.0

*Service Pack(s)/Patch(es):* PHSS\_19593, PHSS\_21950, PHSS\_16931

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (64 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

### Hardware Requirements

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#### **Processor:**

HP PA-RISC

#### **Memory/RAM:**

64 MB minimum (based on a single user)

#### **Swap Space:**

200 MB minimum

#### **Window System:**

CDE or HP VUE

#### **Disk Space:**

331 MB

**Architecture:**

700 and 8x7 Series

**Notes:**

PHSS\_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)  
PHSS\_21950 s700\_800 11.X LIBCL patch, which requires PHSS\_16931

**Database Notes**

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Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with HP HP-UX 11.0 on Oracle 9i (64 bit) 9.2.0.3.0**

**Quick Links**

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* HP

*Operating System:* HP-UX 11.0

*Service Pack(s)/Patch(es):* PHSS\_19593, PHSS\_21950, PHSS\_16931

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (64 bit)

*DBMS Version:* 9.2.0.3.0

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

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### **Processor:**

HP PA-RISC

### **Memory/RAM:**

64 MB minimum (based on a single user)

### **Swap Space:**

200 MB minimum

### **Window System:**

CDE or HP VUE

### **Disk Space:**

331 MB

### **Architecture:**

700 and 8x7 Series

### **Notes:**

PHSS\_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)

PHSS\_21950 s700\_800 11.X LIBCL patch, which requires PHSS\_16931

## Database Notes

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Oracle Patch Support

Oracle 9.2 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

### ArcSDE 8.2 with HP HP-UX 11i (11.11) on Oracle 9i (64 bit) 9.0.1.2.0

#### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* HP

*Operating System:* HP-UX 11i (11.11)

*Service Pack(s)/Patch(es):* PHSS\_19593, PHSS\_21950, PHSS\_16931

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (64 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

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### **Processor:**

HP PA-RISC

### **Memory/RAM:**

64 MB minimum (based on a single user)

### **Swap Space:**

200 MB minimum

### **Window System:**

CDE or HP VUE

### **Disk Space:**

331 MB

### **Architecture:**

700 and 8x7 Series

### **Notes:**

PHSS\_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)

PHSS\_21950 s700\_800 11.X LIBCL patch, which requires PHSS\_16931

## **Database Notes**

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Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

## **Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with HP HP-UX 11i (11.11) on Oracle 9i (64 bit) 9.2.0.3.0

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* HP

*Operating System:* HP-UX 11i (11.11)

*Service Pack(s)/Patch(es):* PHSS\_19593, PHSS\_21950, PHSS\_16931

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (64 bit)

*DBMS Version:* 9.2.0.3.0

*DBMS Certification Date:* March 25, 2002

### Hardware Requirements

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#### **Processor:**

HP PA-RISC

#### **Memory/RAM:**

64 MB minimum (based on a single user)

#### **Swap Space:**

200 MB minimum

#### **Window System:**

CDE or HP VUE

#### **Disk Space:**

331 MB

**Architecture:**

700 and 8x7 Series

**Notes:**

PHSS\_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)  
PHSS\_21950 s700\_800 11.X LIBCL patch, which requires PHSS\_16931

**Database Notes**

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Oracle Patch Support

Oracle 9.2 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with IBM AIX 4.3.3.0 on IBM DB2 Universal Database (UDB) 7.2 FP4, FP5, FP8**

**Quick Links**

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* IBM

*Operating System:* AIX 4.3.3.0

*Shipping/Release Date:* March 25, 2002

*DBMS:* IBM DB2 Universal Database (UDB)

DBMS Version: 7.2 FP4, FP5, FP8

DBMS Certification Date: March 25, 2002

## Hardware Requirements

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### Memory/RAM:

32 MB minimum client config. (64 MB recommended), 512 MB minimum server config.

### Swap Space:

256 MB minimum (see Notes)

### Window System:

Motif, CDE or AIX Desktop

### Disk Space:

374 MB

### Compiler:

C - version 3.6.6.2

C++ - version 3.6.6.2

Fortran - version 6.1.0.3

### Notes:

256 MB minimum swap space (for RAM configurations between 32 MB and 128 MB, inclusively, may vary with installation) 2X amount of RAM MB minimum (for RAM configurations above 128 MB and up to and including 1024 MB, may vary with installation) 1X amount of RAM MB minimum (for RAM configurations above 1024 MB, may vary with installation)

## Database Notes

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FixPack 6 (FP6) has not been tested. FixPack 7 (FP7) is Not Supported.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with IBM AIX 4.3.3.0 on INFORMIX Dynamic Server 9.21.UC4

### Quick Links

## Hardware Requirements

### Compatibility Notes

*Product:* ArcSDE 8.2

*Platform:* IBM

*Operating System:* AIX 4.3.3.0

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.21.UC4

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

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### **Memory/RAM:**

32 MB minimum client config. (64 MB recommended), 512 MB minimum server config.

### **Swap Space:**

256 MB minimum (see Notes)

### **Window System:**

Motif, CDE or AIX Desktop

### **Disk Space:**

374 MB

### **Compiler:**

C - version 3.6.6.2

C++ - version 3.6.6.2

Fortran - version 6.1.0.3

### **Notes:**

256 MB minimum swap space (for RAM configurations between 32 MB and 128 MB, inclusively, may vary with installation) 2X amount of RAM MB minimum (for RAM configurations above 128

MB and up to and including 1024 MB, may vary with installation) 1X amount of RAM MB minimum (for RAM configurations above 1024 MB, may vary with installation)

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with IBM AIX 4.3.3.0 on INFORMIX Dynamic Server 9.30.UC1

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* IBM

*Operating System:* AIX 4.3.3.0

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.30.UC1

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### Memory/RAM:

32 MB minimum client config. (64 MB recommended), 512 MB minimum server config.

### Swap Space:

256 MB minimum (see Notes)

### Window System:

Motif, CDE or AIX Desktop

### Disk Space:

374 MB

**Compiler:**

C - version 3.6.6.2

C++ - version 3.6.6.2

Fortran - version 6.1.0.3

**Notes:**

256 MB minimum swap space (for RAM configurations between 32 MB and 128 MB, inclusively, may vary with installation) 2X amount of RAM MB minimum (for RAM configurations above 128 MB and up to and including 1024 MB, may vary with installation) 1X amount of RAM MB minimum (for RAM configurations above 1024 MB, may vary with installation)

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with IBM AIX 4.3.3.0 on Oracle 8i (32 bit) 8.1.6.0.0**

**Quick Links**

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* IBM

*Operating System:* AIX 4.3.3.0

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 25, 2002

**Hardware Requirements**

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**Memory/RAM:**

32 MB minimum client config. (64 MB recommended), 512 MB minimum server config.

**Swap Space:**

256 MB minimum (see Notes)

**Window System:**

Motif, CDE or AIX Desktop

**Disk Space:**

374 MB

**Compiler:**

C - version 3.6.6.2

C++ - version 3.6.6.2

Fortran - version 6.1.0.3

**Notes:**

256 MB minimum swap space (for RAM configurations between 32 MB and 128 MB, inclusively, may vary with installation) 2X amount of RAM MB minimum (for RAM configurations above 128 MB and up to and including 1024 MB, may vary with installation) 1X amount of RAM MB minimum (for RAM configurations above 1024 MB, may vary with installation)

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with IBM AIX 4.3.3.0 on Oracle 8i (32 bit) 8.1.7****Quick Links**

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* IBM

*Operating System:* AIX 4.3.3.0

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.7

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

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### **Memory/RAM:**

32 MB minimum client config. (64 MB recommended), 512 MB minimum server config.

### **Swap Space:**

256 MB minimum (see Notes)

### **Window System:**

Motif, CDE or AIX Desktop

### **Disk Space:**

374 MB

### **Compiler:**

C - version 3.6.6.2

C++ - version 3.6.6.2

Fortran - version 6.1.0.3

### **Notes:**

256 MB minimum swap space (for RAM configurations between 32 MB and 128 MB, inclusively, may vary with installation) 2X amount of RAM MB minimum (for RAM configurations above 128 MB and up to and including 1024 MB, may vary with installation) 1X amount of RAM MB minimum (for RAM configurations above 1024 MB, may vary with installation)

## **Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## **ArcSDE 8.2 with IBM AIX 5.1.0.0 on IBM DB2 Universal Database (UDB) FP5, FP8 (Recommended)**

### **Quick Links**

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* IBM

*Operating System:* AIX 5.1.0.0

*Shipping/Release Date:* March 25, 2002

*DBMS:* IBM DB2 Universal Database (UDB)

*DBMS Version:* FP5, FP8 (Recommended)

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

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### **Memory/RAM:**

32 MB minimum client config. (64 MB recommended), 512 MB minimum server config.

### **Swap Space:**

256 MB minimum (see Notes)

### **Window System:**

Motif, CDE or AIX Desktop

### **Disk Space:**

374 MB

### **Compiler:**

C - version 3.6.6.2

C++ - version 3.6.6.2

Fortran - version 6.1.0.3

### **Notes:**

256 MB minimum swap space (for RAM configurations between 32 MB and 128 MB, inclusively, may vary with installation) 2X amount of RAM MB minimum (for RAM configurations above 128 MB and up to and including 1024 MB, may vary with installation) 1X amount of RAM MB minimum (for RAM configurations above 1024 MB, may vary with installation)

## Database Notes

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Enterprise Edition of DB2

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with IBM AIX 5.1.0.0 on INFORMIX Dynamic Server 9.21.UC1

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* IBM

*Operating System:* AIX 5.1.0.0

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.21.UC1

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### Memory/RAM:

32 MB minimum client config. (64 MB recommended), 512 MB minimum server config.

**Swap Space:**

256 MB minimum (see Notes)

**Window System:**

Motif, CDE or AIX Desktop

**Disk Space:**

374 MB

**Compiler:**

C - version 3.6.6.2

C++ - version 3.6.6.2

Fortran - version 6.1.0.3

**Notes:**

256 MB minimum swap space (for RAM configurations between 32 MB and 128 MB, inclusively, may vary with installation) 2X amount of RAM MB minimum (for RAM configurations above 128 MB and up to and including 1024 MB, may vary with installation) 1X amount of RAM MB minimum (for RAM configurations above 1024 MB, may vary with installation)

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with IBM AIX 5.1.0.0 on INFORMIX Dynamic Server 9.30.UC1

**Quick Links**

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* IBM

*Operating System:* AIX 5.1.0.0

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.30.UC1

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### Memory/RAM:

32 MB minimum client config. (64 MB recommended), 512 MB minimum server config.

### Swap Space:

256 MB minimum (see Notes)

### Window System:

Motif, CDE or AIX Desktop

### Disk Space:

374 MB

### Compiler:

C - version 3.6.6.2

C++ - version 3.6.6.2

Fortran - version 6.1.0.3

### Notes:

256 MB minimum swap space (for RAM configurations between 32 MB and 128 MB, inclusively, may vary with installation) 2X amount of RAM MB minimum (for RAM configurations above 128 MB and up to and including 1024 MB, may vary with installation) 1X amount of RAM MB minimum (for RAM configurations above 1024 MB, may vary with installation)

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with IBM AIX 5.1.0.0 on Oracle 8i (32 bit) 8.1.7

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* IBM

*Operating System:* AIX 5.1.0.0

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.7

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

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### **Memory/RAM:**

32 MB minimum client config. (64 MB recommended), 512 MB minimum server config.

### **Swap Space:**

256 MB minimum (see Notes)

### **Window System:**

Motif, CDE or AIX Desktop

### **Disk Space:**

374 MB

### **Compiler:**

C - version 3.6.6.2

C++ - version 3.6.6.2

Fortran - version 6.1.0.3

### **Notes:**

256 MB minimum swap space (for RAM configurations between 32 MB and 128 MB, inclusively, may vary with installation) 2X amount of RAM MB minimum (for RAM configurations above 128 MB and up to and including 1024 MB, may vary with installation) 1X amount of RAM MB minimum (for RAM configurations above 1024 MB, may vary with installation)

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

### ArcSDE 8.2 with Linux-Intel Red Hat 7.1 on Oracle 9i (32 bit) 9.0.1.2.0

#### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Linux-Intel

*Operating System:* Red Hat 7.1

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

233MHz Minimum

550MHz Recommended

### Memory/RAM:

512MB Minimum

### Swap Space:

Twice the amount of RAM or 512MB, whichever is greater.

### Architecture:

x86 architecture (32-bit)

## Disk Space Requirements:

ArcSDE 80MB

Oracle 2.5GB

## Database Notes

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Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

9.0.1.2.0 NOTE:

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Linux-Intel RedHat Linux Advanced Server 2.1 on Oracle 9i (32 bit) 9.0.1.2.0

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

Product: ArcSDE 8.2

*Platform:* Linux-Intel

*Operating System:* RedHat Linux Advanced Server 2.1

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

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### **Architecture:**

x86 architecture (32-bit)

## **Database Notes**

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Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

9.0.1.2.0 NOTE:

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

### ArcSDE 8.2 with PC-Intel Windows 2000 Datacenter on Microsoft SQL Server 2000

#### Quick Links

##### [Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Datacenter

*Shipping/Release Date:* March 25, 2002

*DBMS:* Microsoft SQL Server

*DBMS Version:* 2000

*DBMS Certification Date:* March 25, 2002

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

### ArcSDE 8.2 with PC-Intel Windows 2000 Datacenter on Microsoft SQL Server 7

#### Quick Links

##### [Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Datacenter

*Shipping/Release Date:* March 25, 2002

*DBMS:* Microsoft SQL Server

*DBMS Version:* 7

*DBMS Certification Date:* March 25, 2002

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows 2000 Datacenter on Oracle 8i (32 bit) 8.1.7.0.0

### Quick Links

#### [Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Datacenter

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.7.0.0

*DBMS Certification Date:* March 25, 2002

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows 2000 Datacenter on Oracle 9i (32 bit) 9.0.1.2.0

### Quick Links

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Datacenter

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

### Database Notes

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A bug in Oracle9i (9.0.1.2.0, not 9.2.x) is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows 2000 Datacenter on Oracle 9i (32 bit) 9.2.0.3.0

### Quick Links

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Datacenter

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.2.0.3.0

*DBMS Certification Date:* March 25, 2002

## Database Notes

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Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

# ArcSDE 8.2 with PC-Intel Windows 2000 Professional on IBM DB2 Universal Database (UDB) 7.2 FP4, FP5, FP8

## Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Professional

*Service Pack(s)/Patch(es):* SP 1 (optional), SP 2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* IBM DB2 Universal Database (UDB)

*DBMS Version:* 7.2 FP4, FP5, FP8

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### **CPU Speed:**

450 MHz Minimum.

650 MHz Recommended

### **Processor:**

Pentium or higher

### **Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

### **Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Database Notes**

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FixPack 6 (FP6) has not been tested. FixPack 7 (FP7) is Not Supported.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows 2000 Professional on INFORMIX Dynamic Server 9.21.TC4

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Professional

*Service Pack(s)/Patch(es):* SP 1 (optional), SP 2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.21.TC4

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

450 MHz Minimum.

650 MHz Recommended

### Processor:

Pentium or higher

### Memory/RAM:

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

### ArcSDE 8.2 with PC-Intel Windows 2000 Professional on INFORMIX Dynamic Server 9.30.TC1

#### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Professional

*Service Pack(s)/Patch(es):* SP 1 (optional), SP 2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.30.TC1

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

450 MHz Minimum.

650 MHz Recommended

### Processor:

Pentium or higher

### Memory/RAM:

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:****Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows 2000 Professional on Microsoft SQL Server 2000

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Professional

*Service Pack(s)/Patch(es):* SP 1 (optional), SP 2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Microsoft SQL Server

*DBMS Version:* 2000

*DBMS Certification Date:* March 25, 2002

### Hardware Requirements

---

#### **CPU Speed:**

450 MHz Minimum.

650 MHz Recommended

#### **Processor:**

Pentium or higher

#### **Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:****Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Database Notes**

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Versions Certified - Desktop Engine, Standard, Enterprise

Certification of SP3 for Microsoft SQL Server 2000 for ArcSDE 8.2 is currently in progress.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows 2000 Professional on Microsoft SQL Server 7

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Professional

*Service Pack(s)/Patch(es):* SP 1 (optional), SP 2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Microsoft SQL Server

*DBMS Version:* 7

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

450 MHz Minimum.

650 MHz Recommended

**Processor:**

Pentium or higher

**Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:****Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture

mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.

-Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

## Database Notes

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Versions Certified - MSDE, Standard, Enterprise

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows 2000 Professional on Oracle 8i (32 bit) 8.1.6.0.0

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Professional

*Service Pack(s)/Patch(es):* SP 1 (optional), SP 2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

**CPU Speed:**

450 MHz Minimum.

650 MHz Recommended

**Processor:**

Pentium or higher

**Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with PC-Intel Windows 2000 Professional on Oracle 8i (32 bit) 8.1.7.0.0**

**Quick Links**

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Professional

*Service Pack(s)/Patch(es):* SP 1 (optional), SP 2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.7.0.0

*DBMS Certification Date:* March 25, 2002

**Hardware Requirements**

---

**CPU Speed:**

450 MHz Minimum.

650 MHz Recommended

**Processor:**

Pentium or higher

**Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with PC-Intel Windows 2000 Professional on Oracle 9i (32 bit) 9.0.1.2.0**

**Quick Links**

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Professional

*Service Pack(s)/Patch(es):* SP 1 (optional), SP 2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

**Hardware Requirements**

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**CPU Speed:**

450 MHz Minimum.

650 MHz Recommended

**Processor:**

Pentium or higher

**Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Database Notes**

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9.0.1.2.0 NOTE: A bug in Oracle9i (9.0.x NOT 9.2.x) is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

9.2.0.1.0 NOTE: In order to successfully run ArcSDE 8.2 for Oracle 9.2.0.1, it is necessary to install the latest service patch for ArcSDE 8.2 for your OS. The latest service patches may be found at: <http://support.esri.com/>

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with PC-Intel Windows 2000 Professional on Oracle 9i (32 bit) 9.2.0.3.0****Quick Links**

[Hardware Requirements](#)

[Database Notes](#)

### Compatibility Notes

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Professional

*Service Pack(s)/Patch(es):* SP 1 (optional), SP 2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.2.0.3.0

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

---

### **CPU Speed:**

450 MHz Minimum.

650 MHz Recommended

### **Processor:**

Pentium or higher

### **Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

### **Swap Space:**

300 MB minimum

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

### **Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Database Notes**

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Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

# ArcSDE 8.2 with PC-Intel Windows 2000 Server on Microsoft SQL Server 2000

## Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Server

*Service Pack(s)/Patch(es):* SP1 (optional), SP2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Microsoft SQL Server

*DBMS Version:* 2000

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### **CPU Speed:**

450 MHz Minimum.

650 MHz Recommended

### **Processor:**

Pentium or higher

### **Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

### **Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Database Notes**

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Versions Certified - MSDE, Standard, Enterprise

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows 2000 Server on Microsoft SQL Server 7

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Server

*Service Pack(s)/Patch(es):* SP1 (optional), SP2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Microsoft SQL Server

*DBMS Version:* 7

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

450 MHz Minimum.

650 MHz Recommended

### Processor:

Pentium or higher

**Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:****Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-

board texture memory.

-Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

## Database Notes

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Versions Certified - MSDE, Standard, Enterprise

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows 2000 Server on Oracle 8 (32 bit) 8.1.7.0.0

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Server

*Service Pack(s)/Patch(es):* SP1 (optional), SP2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8 (32 bit)

*DBMS Version:* 8.1.7.0.0

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

450 MHz Minimum.

650 MHz Recommended

**Processor:**

Pentium or higher

**Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with PC-Intel Windows 2000 Server on Oracle 8i (32 bit)  
8.1.6.0.0**

**Quick Links**

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Server

*Service Pack(s)/Patch(es):* SP1 (optional), SP2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 25, 2002

**Hardware Requirements**

---

**CPU Speed:**

450 MHz Minimum.

650 MHz Recommended

**Processor:**

Pentium or higher

**Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with PC-Intel Windows 2000 Server on Oracle 9i (32 bit)  
9.0.1.2.0**

**Quick Links**

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Server

*Service Pack(s)/Patch(es):* SP1 (optional), SP2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

**Hardware Requirements**

---

**CPU Speed:**

450 MHz Minimum.

650 MHz Recommended

**Processor:**

Pentium or higher

**Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**Swap Space:**

300 MB minimum

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

**Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Database Notes**

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A bug in Oracle9i (9.0.1.2.0, not 9.2.x) is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with PC-Intel Windows 2000 Server on Oracle 9i (32 bit)  
9.2.0.3.0****Quick Links**

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows 2000 Server

*Service Pack(s)/Patch(es):* SP1 (optional), SP2 (optional), SP3 (optional)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.2.0.3.0

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

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### **CPU Speed:**

450 MHz Minimum.

650 MHz Recommended

### **Processor:**

Pentium or higher

### **Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

### **Swap Space:**

300 MB minimum

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

### **Disk Space:**

ArcInfo Desktop 8.2:

605 MB NTFS

690 MB FAT32

ArcInfo Workstation 8.2:

695 MB NTFS

**Disk Space Requirements:**

Disk spaces do not include the 50 MB of system drive space needed for installation (typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.2 components are provided in the Setup program.

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Database Notes**

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Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

# ArcSDE 8.2 with PC-Intel Windows NT 4.0 on IBM DB2 Universal Database (UDB) 7.2 FP4, FP5, FP8, FP9

## Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows NT 4.0

*Service Pack(s)/Patch(es):* SP 6a

*Shipping/Release Date:* March 25, 2002

*DBMS:* IBM DB2 Universal Database (UDB)

*DBMS Version:* 7.2 FP4, FP5, FP8, FP9

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

450MHz Minimum

650MHz Recommended

### Processor:

Pentium or Higher

### Memory/RAM:

128 MB minimum, 256 MB recommended or higher

### 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:**

ArcInfo Desktop 8.2:

605MB NTFS

690MB FAT32

ArcInfo Workstation 8.2:

695MB NTFS

Disk spaces do not include the 50MB of system drive space needed for installation. (Typically C:\Winnt\System32)

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Database Notes**

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Enterprise Edition of DB2

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

### ArcSDE 8.2 with PC-Intel Windows NT 4.0 on INFORMIX Dynamic Server 9.21.TC4

#### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows NT 4.0

*Service Pack(s)/Patch(es):* SP 6a

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.21.TC4

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

450MHz Minimum

650MHz Recommended

### Processor:

Pentium or Higher

### Memory/RAM:

128 MB minimum, 256 MB recommended or higher

**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:**

ArcInfo Desktop 8.2:

605MB NTFS

690MB FAT32

ArcInfo Workstation 8.2:

695MB NTFS

Disk spaces do not include the 50MB of system drive space needed for installation. (Typically C:\Winnt\System32)

**Notes:****Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

# ArcSDE 8.2 with PC-Intel Windows NT 4.0 on INFORMIX Dynamic Server 9.30.TC1

## Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows NT 4.0

*Service Pack(s)/Patch(es):* SP 6a

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.30.TC1

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### **CPU Speed:**

450MHz Minimum

650MHz Recommended

### **Processor:**

Pentium or Higher

### **Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

### **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:**

ArcInfo Desktop 8.2:

605MB NTFS

690MB FAT32

ArcInfo Workstation 8.2:

695MB NTFS

Disk spaces do not include the 50MB of system drive space needed for installation. (Typically C:\Winnt\System32)

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

# ArcSDE 8.2 with PC-Intel Windows NT 4.0 on Microsoft SQL Server 2000

## Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows NT 4.0

*Service Pack(s)/Patch(es):* SP 6a

*Shipping/Release Date:* March 25, 2002

*DBMS:* Microsoft SQL Server

*DBMS Version:* 2000

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### **CPU Speed:**

450MHz Minimum

650MHz Recommended

### **Processor:**

Pentium or Higher

### **Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

### **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:**

ArcInfo Desktop 8.2:

605MB NTFS

690MB FAT32

ArcInfo Workstation 8.2:

695MB NTFS

Disk spaces do not include the 50MB of system drive space needed for installation. (Typically C:\Winnt\System32)

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Database Notes**

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Versions Certified - Desktop Engine, Standard, Enterprise

Certification of SP3 for Microsoft SQL Server 2000 for ArcSDE 8.2 is currently in progress.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows NT 4.0 on Microsoft SQL Server 7

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows NT 4.0

*Service Pack(s)/Patch(es):* SP 6a

*Shipping/Release Date:* March 25, 2002

*DBMS:* Microsoft SQL Server

*DBMS Version:* 7

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

450MHz Minimum

650MHz Recommended

### Processor:

Pentium or Higher

**Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**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:**

ArcInfo Desktop 8.2:

605MB NTFS

690MB FAT32

ArcInfo Workstation 8.2:

695MB NTFS

Disk spaces do not include the 50MB of system drive space needed for installation. (Typically C:\Winnt\System32)

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-

board texture memory.

-Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

## Database Notes

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Versions Certified - MSDE, Standard, Enterprise

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows NT 4.0 on Oracle 8i (32 bit) 8.1.6.0.0

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows NT 4.0

*Service Pack(s)/Patch(es):* SP 6a

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

450MHz Minimum

650MHz Recommended

**Processor:**

Pentium or Higher

**Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

**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:**

ArcInfo Desktop 8.2:

605MB NTFS

690MB FAT32

ArcInfo Workstation 8.2:

695MB NTFS

Disk spaces do not include the 50MB of system drive space needed for installation. (Typically C:\Winnt\System32)

**Notes:****Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-

board texture memory.

-Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows NT 4.0 on Oracle 8i (32 bit) 8.1.7.0.0

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows NT 4.0

*Service Pack(s)/Patch(es):* SP 6a

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.7.0.0

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### CPU Speed:

450MHz Minimum

650MHz Recommended

### Processor:

Pentium or Higher

### Memory/RAM:

128 MB minimum, 256 MB recommended or higher

**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:**

ArcInfo Desktop 8.2:

605MB NTFS

690MB FAT32

ArcInfo Workstation 8.2:

695MB NTFS

Disk spaces do not include the 50MB of system drive space needed for installation. (Typically C:\Winnt\System32)

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Compatibility Notes**

---

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows NT 4.0 on Oracle 9i (32 bit) 9.0.1.2.0

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows NT 4.0

*Service Pack(s)/Patch(es):* SP 6a

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

### Hardware Requirements

---

#### **CPU Speed:**

450MHz Minimum

650MHz Recommended

#### **Processor:**

Pentium or Higher

#### **Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

#### **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:**

ArcInfo Desktop 8.2:

605MB NTFS

690MB FAT32

ArcInfo Workstation 8.2:

695MB NTFS

Disk spaces do not include the 50MB of system drive space needed for installation. (Typically C:\Winnt\System32)

**Notes:**

**Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

**License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

**For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

**Database Notes**

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9.0.1.2.0 NOTE: A bug in Oracle9i (9.0.x NOT 9.2.x) is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this

bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated. 9.2.0.1.0 NOTE: In order to successfully run ArcSDE 8.2 for Oracle 9.2.0.1, it is necessary to install the latest service patch for ArcSDE 8.2 for your OS. The latest service patches may be found at: <http://support.esri.com/>

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with PC-Intel Windows NT 4.0 on Oracle 9i (32 bit) 9.2.0.3.0

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* PC-Intel

*Operating System:* Windows NT 4.0

*Service Pack(s)/Patch(es):* SP 6a

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.2.0.3.0

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

---

### **CPU Speed:**

450MHz Minimum

650MHz Recommended

### **Processor:**

Pentium or Higher

### **Memory/RAM:**

128 MB minimum, 256 MB recommended or higher

### **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:**

ArcInfo Desktop 8.2:

605MB NTFS

690MB FAT32

ArcInfo Workstation 8.2:

695MB NTFS

Disk spaces do not include the 50MB of system drive space needed for installation. (Typically C:\Winnt\System32)

### **Notes:**

#### **Internet Explorer 5.0 requirement:**

Some features of ArcInfo 8.2 require a minimum installation of Microsoft Internet Explorer

Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 previous to installing ArcInfo 8.2.

#### **License Manager Requirements:**

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

#### **For the best performance, the following are recommended:**

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.
- Installation to a fast, NTFS (New Technology File System) hard drive is strongly recommended.

#### **Database Notes**

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Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

#### **Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## **ArcSDE 8.2 with SGI IRIX 6.5.6 on Oracle 8i (64 bit) 8.1.6.0.0**

### **Quick Links**

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* SGI

*Operating System:* IRIX 6.5.6

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (64 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

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### Memory/RAM:

64 MB based on a single user.

### Swap Space:

200 MB minimum

### Window System:

Motif

### Disk Space:

259 MB

## Compatibility Notes

---

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with SGI IRIX 6.5.9 on Oracle 8i (64 bit) 8.1.6

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* SGI

*Operating System:* IRIX 6.5.9

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (64 bit)

*DBMS Version:* 8.1.6

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### Memory/RAM:

64 MB based on a single user.

### Swap Space:

200 MB minimum

### Window System:

Motif

### Disk Space:

259 MB

## Compatibility Notes

---

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Sun Solaris 7 (SPARC) on INFORMIX Dynamic Server 9.21.UC4

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 7 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.21.UC4

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

---

### **Memory/RAM:**

32 MB based on a single user

### **Swap Space:**

100 MB minimum (see Notes)

### **Window System:**

CDE or Open Windows (see Notes)

### **Disk Space:**

377 MB

### **Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

## **Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## **ArcSDE 8.2 with Sun Solaris 7 (SPARC) on INFORMIX Dynamic Server 9.30.UC1**

### **Quick Links**

## [Hardware Requirements](#)

### [Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 7 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.30.UC1

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

---

### **Memory/RAM:**

32 MB based on a single user

### **Swap Space:**

100 MB minimum (see Notes)

### **Window System:**

CDE or Open Windows (see Notes)

### **Disk Space:**

377 MB

### **Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

## **Compatibility Notes**

---

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Sun Solaris 7 (SPARC) on Oracle 8i (32 bit) 8.1.6.0.0

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 7 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 25, 2002

### Hardware Requirements

---

#### **Memory/RAM:**

32 MB based on a single user

#### **Swap Space:**

100 MB minimum (see Notes)

#### **Window System:**

CDE or Open Windows (see Notes)

#### **Disk Space:**

377 MB

#### **Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

## Compatibility Notes

---

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Sun Solaris 7 (SPARC) on Oracle 8i (32 bit) 8.1.7.0.0

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 7 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.7.0.0

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### Memory/RAM:

32 MB based on a single user

### Swap Space:

100 MB minimum (see Notes)

### Window System:

CDE or Open Windows (see Notes)

### Disk Space:

377 MB

**Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

**Compatibility Notes**

---

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with Sun Solaris 7 (SPARC) on Oracle 9i (32 bit) 9.0.1.2.0****Quick Links**

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 7 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

**Hardware Requirements**

---

**Memory/RAM:**

32 MB based on a single user

**Swap Space:**

100 MB minimum (see Notes)

**Window System:**

CDE or Open Windows (see Notes)

**Disk Space:**

377 MB

**Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

**Database Notes**

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Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

9.0.1.2.0 NOTE: A bug in Oracle9i (9.0.x NOT 9.2.x) is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated. 9.2.0.1.0 NOTE: This will require the ArcSDE 8.2 QFE patch for support of Solaris Oracle 9.2. Please refer to the ArcSDE download page for further information on downloading this patch.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

**ArcSDE 8.2 with Sun Solaris 7 (SPARC) on Oracle 9i (32 bit) 9.2.0.3.0****Quick Links**

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 7 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.2.0.3.0

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

---

### **Memory/RAM:**

32 MB based on a single user

### **Swap Space:**

100 MB minimum (see Notes)

### **Window System:**

CDE or Open Windows (see Notes)

### **Disk Space:**

377 MB

### **Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

## Database Notes

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Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Sun Solaris 8 (SPARC) on INFORMIX Dynamic Server 9.21.UC4

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 8 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.21.UC4

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### Memory/RAM:

32 MB RAM based on single user

### Swap Space:

100 MB minimum (see Notes)

**Window System:**

CDE or Open Windows (see Notes)

**Disk Space:**

377 MB

**Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

**Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Sun Solaris 8 (SPARC) on INFORMIX Dynamic Server 9.30.FC1 64-bit

**Quick Links**

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 8 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.30.FC1 64-bit

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### Memory/RAM:

32 MB RAM based on single user

### Swap Space:

100 MB minimum (see Notes)

### Window System:

CDE or Open Windows (see Notes)

### Disk Space:

377 MB

### Notes:

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

## Database Notes

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The certification was performed using the following:

- 1.ClientSDK 2.70.UC1 (32-bit)
- 2.Spatial Datablade 8.11.FC1(64-bit spatial datablade)

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Sun Solaris 8 (SPARC) on INFORMIX Dynamic Server 9.30.UC1

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 8 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* INFORMIX Dynamic Server

*DBMS Version:* 9.30.UC1

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

---

### **Memory/RAM:**

32 MB RAM based on single user

### **Swap Space:**

100 MB minimum (see Notes)

### **Window System:**

CDE or Open Windows (see Notes)

### **Disk Space:**

377 MB

### **Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

## **Compatibility Notes**

---

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## **ArcSDE 8.2 with Sun Solaris 8 (SPARC) on Oracle 8i (32 bit) 8.1.6.0.0**

### **Quick Links**

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 8 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 25, 2002

## **Hardware Requirements**

---

### **Memory/RAM:**

32 MB RAM based on single user

### **Swap Space:**

100 MB minimum (see Notes)

### **Window System:**

CDE or Open Windows (see Notes)

### **Disk Space:**

377 MB

### **Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

## **Compatibility Notes**

---

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Sun Solaris 8 (SPARC) on Oracle 8i (32 bit) 8.1.7.0.0

### Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 8 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.7.0.0

*DBMS Certification Date:* March 25, 2002

### Hardware Requirements

---

#### **Memory/RAM:**

32 MB RAM based on single user

#### **Swap Space:**

100 MB minimum (see Notes)

#### **Window System:**

CDE or Open Windows (see Notes)

#### **Disk Space:**

377 MB

#### **Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Sun Solaris 8 (SPARC) on Oracle 9i (32 bit) 9.0.1.2.0

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 8 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

## Hardware Requirements

---

### Memory/RAM:

32 MB RAM based on single user

### Swap Space:

100 MB minimum (see Notes)

### Window System:

CDE or Open Windows (see Notes)

### Disk Space:

377 MB

**Notes:**

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

## **Database Notes**

---

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

9.0.1.2.0 NOTE:

A bug in Oracle9i (9.0.x NOT 9.2.x) is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release.

Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database:

```
_push_join_union_view=false
```

After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect.

ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

9.2.0.1.0 NOTE:

This will require the ArcSDE 8.2 QFE patch for support of Solaris Oracle 9.2. Please refer to the ArcSDE download page for further information on downloading this patch.

## **Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Sun Solaris 8 (SPARC) on Oracle 9i (32 bit) 9.2.0.3.0

### Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 8 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.2.0.3.0

*DBMS Certification Date:* March 25, 2002

### Hardware Requirements

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#### Memory/RAM:

32 MB RAM based on single user

#### Swap Space:

100 MB minimum (see Notes)

#### Window System:

CDE or Open Windows (see Notes)

#### Disk Space:

377 MB

#### Notes:

Swap Space is the minimum required for a single user.

OpenWindows™ is now a support level of three (untested) due to the fact that we are now linking to Motif libraries, which are newer than the ones that OpenWindows utilizes.

## Database Notes

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Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

## ArcSDE 8.2 with Sun Solaris 9 (SPARC) on Oracle 9i (32 bit) 9.0.1.2.0

### Quick Links

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 9 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.0.1.2.0

*DBMS Certification Date:* March 25, 2002

## Database Notes

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## Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

9.0.1.2.0 NOTE: A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

9.2.0.1.0 NOTE: This will require the ArcSDE 8.2 QFE patch for support of Solaris Oracle 9.2. Please refer to the ArcSDE download page for further information on downloading this patch.

## Compatibility Notes

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

### ArcSDE 8.2 with Sun Solaris 9 (SPARC) on Oracle 9i (32 bit) 9.2.0.3.0

#### Quick Links

[Database Notes](#)

[Compatibility Notes](#)

*Product:* ArcSDE 8.2

*Platform:* Sun

*Operating System:* Solaris 9 (SPARC)

*Shipping/Release Date:* March 25, 2002

*DBMS:* Oracle 9i (32 bit)

*DBMS Version:* 9.2.0.3.0

*DBMS Certification Date:* March 25, 2002

## **Database Notes**

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Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

## **Compatibility Notes**

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The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.