ArcInfo 9.1 System Requirements

This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcInfo 9.1.

- HP HP-UX 11i (11.11)
- HP Tru64 UNIX 5.0
- IBM AIX 5.1.0.0
- PC-Intel Windows 2000 Professional
- PC-Intel Windows 2003 Server Terminal Services
- PC-Intel Windows XP Professional Edition, Home Edition
- Sun Solaris 10 (SPARC)
- Sun Solaris 8 (SPARC)
- Sun Solaris 9 (SPARC)

ArcInfo Workstation 9.1 on HP HP-UX 11i (11.11)

Product:	ArcInfo Workstation 9.1
Platform:	HP
Operating System:	HP-UX 11i (11.11)
Service Packs/Patches:	June 2002 HP-UX TCOE June 2002 HWEnable11i June 2002 GOLDBASE11i
Shipping/Release Date:	May 18, 2005

Hardware Requirements

CPU Speed:

450 MHz minimum, 650 MHz recommended or higher

Processor:

HP PA-RISC

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Swap Space:

256 MB minimum, 512 MB recommended

Window System:

CDE or HP VUE

Disk Space:

Core Only - 303 MB, Complete - 406 MB

Disk Space Requirements:

An additional 93 MB is required for all samples

Notes:

Printer Support:

Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

Supported Databases

For ArcStorm:

INFORMIX Dynamic Server 9.40.HC3
Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)

For Database Integrator (DBI):

INFORMIX Dynamic Server 9.40.HC3
Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcInfo Workstation 9.1 on HP Tru64 UNIX 5.0

Product:	ArcInfo Workstation 9.1
Platform:	HP
Operating System:	Tru64 UNIX 5.0
Shipping/Release Date:	May 18, 2005

Hardware Requirements

CPU Speed:

450 MHz minimum, 650 MHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Swap Space:

256 MB minimum, 512 MB recommended

Window System:

OSF/Motif or CDE

Disk Space:

Core Only - 295 MB, Complete - 370 MB

Disk Space Requirements:

An additional 93 MB is required for all samples

Notes:

Mandatory OS Subsets:</B)

- Compaq Fortran for HP Tru64 UNIX Alpha Systems Run-Time Support

Printer Support:

Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

Supported Databases

For ArcStorm:

- **Oracle 8i (64 bit) 8.1.7.0.0 (Oracle8i Server™)**
- **Oracle 9i (64 bit) 9.2.0.3.0**

For Database Integrator (DBI):

Oracle 8i (64 bit) 8.1.7.0.0 (Oracle8i Server™)

Oracle 9i (64 bit) 9.2.0.3.0

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcInfo Workstation 9.1 on IBM AIX 5.1.0.0

Product:	ArcInfo Workstation 9.1
Platform:	IBM
Operating System:	AIX 5.1.0.0
Service Packs/Patches:	ML4 File Sets: xlC.aix50.rte.6.0.0.0 xlC.msg.en_US.rte.6.0.0.0 xlC.rte.6.0.0.0
Shipping/Release Date:	May 18, 2005

Hardware Requirements

CPU Speed:

450 MHz minimum, 650 MHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Swap Space:

256 MB minimum (See Notes)

Window System:

AIX Motif, AIX CDE or AIX Desktop

Disk Space:

Core Only - 378 MB, Complete - 447 MB

Disk Space Requirements:

An additional 93 MB is required for all samples

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)

Printer Support:

Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

Supported Databases

For ArcStorm:

- INFORMIX Dynamic Server 9.40
- Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)

For Database Integrator (DBI):

INFORMIX Dynamic Server 9.40
Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcInfo Workstation 9.1 on PC-Intel Windows 2000 Professional

Product:	ArcInfo Workstation 9.1
Platform:	PC-Intel
Operating System:	Windows 2000 Professional
Service Packs/Patches:	SP 4
Shipping/Release Date:	May 18, 2005

Hardware Requirements

CPU Speed:

450 MHz minimum, 650 MHz recommended or higher

Processor:

Intel Pentium or Intel Xeon Processors

Memory/RAM:

128 minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Swap Space:

300 MB minimum

Disk Space:

Typical 595 MB NTFS, Complete 692 MB NTFS

Disk Space Requirements:

An additional 93 MB is required for all samples

In addition, up to 50 MB of disk space maybe needed in the Windows System directory (typically C:\Windows\System32). You can view the disk space requirement for each of the 9.1 components in the Setup program.

Notes:

License Manager Requirements:

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

- The License Manager is supported on Windows Server 2003. Refer to ESRI Knowledge Base Article FAQ: Is the License Manager supported on Windows Server 2003? for more information.

Printer Support:

ArcGIS supports printing to any Microsoft certified Windows printer using the native driver in ArcGIS. Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

ESRI recommends the following configuration when printing large maps with the ArcPress printer drivers:

- Pagefile system size of 4096 Kb is recommended. ArcPress depends on being able to acquire potentially large contiguous blocks of memory to process a map. The windows limit is 2048 Kb and by having a pagefile.sys file of at least twice that size helps ensure that other applications running and using the pagefile system will not introduce an unexpected limit for the ArcPress printer driver.

- Pagefile system should be stored on a dedicated partition or, if possible, a dedicated drive. This will prevent the file from becoming fragmented and diminishing ArcPress's ability to acquire contiguous blocks of memory.

- If large complex maps do not print, then reboot the computer to ensure the pagefile system is cleared. If the pagefile system is not a dedicated drive or partition, make sure that drive does not need to be defragmented.

- Disk Space: at lease 10 GB of free space is required on the drive where %TEMP% is located, as potentially large temporary files will be written there while ArcPress is processing a map for printing.

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

Supported Databases

For ArcStorm:

- INFORMIX Dynamic Server 2000 9.21
- Microsoft SQL Server 2000 Enterprise Edition SP3
- Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)
- Oracle 9i (32 bit) 9.2.0.3.0

For Database Integrator (DBI):

INFORMIX Dynamic Server 2000 9.21

Microsoft SQL Server 2000 Enterprise Edition SP3

Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)

Oracle 9i (32 bit) 9.2.0.3.0

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcInfo Workstation 9.1 on PC-Intel Windows 2003 Server Terminal Services

Product:	ArcInfo Workstation 9.1
Platform:	PC-Intel
Operating System:	Windows 2003 Server Terminal Services
Service Packs/Patches:	Limitations (refer to Limitations)
Shipping/Release Date:	May 18, 2005

Hardware Requirements

CPU Speed:

450 MHz minimum, 650 MHz recommended or higher

Processor:

Intel Pentium or Intel Xeon Processors

Memory/RAM:

512 MB minimum; additional 256 MB per client instance recommended or higher.

Display Properties:

Thin Client with 24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Swap Space:

Determined by operating system

Disk Space:

Typical 595 MB NTFS, Complete 692 MB NTFS

Disk Space Requirements:

An additional 93 MB is required for all samples

In addition, up to 50 MB of disk space maybe needed in the Windows System directory(typically C:\Windows\System32). You can view the disk space requirement for each of the 9.1 components in the Setup program.

Notes:

License Manager Requirements:

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

- The License Manager is supported on Windows Server 2003. Refer to ESRI Knowledge Base Article FAQ: Is the License Manager supported on Windows Server 2003? for more information.

Printer Support:

ArcGIS supports printing to any Microsoft certified Windows printer using the native driver in ArcInfo Workstation. Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

ESRI recommends the following configuration when printing large maps with the ArcPress printer drivers:

- Pagefile system size of 4096 Kb is recommended. ArcPress depends on being able to acquire potentially large contiguous blocks of memory to process a map. The windows limit is 2048 Kb and byhaving a pagefile.sys file of at least twice that size helps ensure that other applications running and using the pagefile system will not introduce an unexpected limit for the ArcPress printer driver.

- Pagefile system should be stored on a dedicated partition or, if possible, a dedicated drive. This will prevent the file from becoming fragmented and diminishing ArcPress's ability to acquire contiguous blocks of memory.

- If large complex maps do not print, then reboot the computer to ensure the pagefile system is cleared. If the pagefile system is not a dedicated drive or partition, make sure that drive does not need to be defragmented.

- Disk Space: at lease 10 GB per concurrent user session of free space is required on the drive where %TEMP% is located, as potentially large temporary files will be written there while ArcPress is processing a map for printing.

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

Limitations

Platform: Terminal Services Configuration: ArcInfo Workstation 9.1 on Windows Server 2003 Terminal Services is certified with limitations. - Refer to ESRI Knowledge Base Article [FAQ: Support for Windows Terminal Server (WTS) and Citrix MetaFrame](#) for details.

ArcInfo Workstation 9.1 on PC-Intel Windows XP Professional Edition, Home Edition

Product:	ArcInfo Workstation 9.1
Platform:	PC-Intel
Operating System:	Windows XP Professional Edition, Home Edition
Service Packs/Patches:	SP 1 SP2 (refer to Limitations)
Shipping/Release Date:	May 18, 2005

Hardware Requirements

CPU Speed:

450 MHz minimum, 650 MHz recommended or higher

Processor:

Intel Pentium or Intel Xeon Processors

Memory/RAM:

128 minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Swap Space:

300 MB minimum

Disk Space:

Typical 595 MB NTFS, Complete 692 MB NTFS

Disk Space Requirements:

An additional 93 MB is required for all samples

In addition, up to 50 MB of disk space maybe needed in the Windows System directory (typically

C:\Windows\System32). You can view the disk space requirement for each of the 9.1 components in the Setup program.

Notes:

License Manager Requirements:

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

- The License Manager is supported on Windows Server 2003. Refer to ESRI Knowledge Base Article FAQ: Is the License Manager supported on Windows Server 2003? for more information.

Printer Support:

ArcInfo Workstation supports printing to any Microsoft certified Windows printer using the native driver in ArcInfo Workstation. Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

ESRI recommends the following configuration when printing large maps with the ArcPress printer drivers:

- Pagefile system size of 4096 Kb is recommended. ArcPress depends on being able to acquire potentially large contiguous blocks of memory to process a map. The windows limit is 2048 Kb and by having a pagefile.sys file of at least twice that size helps ensure that other applications running and using the pagefile system will not introduce an unexpected limit for the ArcPress printer driver.

- Pagefile system should be stored on a dedicated partition or, if possible, a dedicated drive. This will prevent the file from becoming fragmented and diminishing ArcPress's ability to acquire contiguous blocks of memory.

- If large complex maps do not print, then reboot the computer to ensure the pagefile system is cleared. If the pagefile system is not a dedicated drive or partition, make sure that drive does not need to be defragmented.

- Disk Space: at lease 10 GB of free space is required on the drive where %TEMP% is located, as potentially large temporary files will be written there while ArcPress is processing a map for printing.

Supported Databases

For ArcStorm:

- INFORMIX Dynamic Server 2000 9.21
- Microsoft SQL Server 2000 Enterprise Edition SP3
- Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)
- Oracle 9i (32 bit) 9.2.0.3.0

For Database Integrator (DBI):

INFORMIX Dynamic Server 2000 9.21

Microsoft SQL Server 2000 Enterprise Edition SP3

Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)

Oracle 9i (32 bit) 9.2.0.3.0

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System
Design Strategies technical reference document available at: System Design Strategies.

Limitations

Platform: ArcInfo Workstation 9.1 on Windows XP is certified with limitations.

Refer to ESRI Knowledge Base Article FAQ:Issues with Windows XP Service Pack 2, Service Pack
3 and ArcGIS 9.x products for details.

ArcInfo Workstation 9.1 on Sun Solaris 10 (SPARC)

Product:	ArcInfo Workstation 9.1
Platform:	Sun
Operating System:	Solaris 10 (SPARC)
Shipping/Release Date:	May 18, 2005

Hardware Requirements

CPU Speed:

450 MHz minimum, 650 MHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Swap Space:

256 MB minimum, 512 MB recommended

Window System:

CDE or Open Windows

Disk Space:

Core Only - 370 MB, Complete - 448 MB

Disk Space Requirements:

An additional 93 MB is required for all samples

Notes:

Printer Support:

Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcInfo Workstation 9.1 on Sun Solaris 8 (SPARC)

Product:	ArcInfo Workstation 9.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Service Packs/Patches:	108434–13 (32 bit) and 109147–27 (linker)
Shipping/Release Date:	May 18, 2005

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Processor:

450 MHz minimum, 650 MHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Swap Space:

256 MB minimum, 512 MB recommended

Window System:

CDE or Open Windows

Disk Space:

Core Only - 370 MB, Complete - 448 MB

Disk Space Requirements:

An additional 93 MB is required for all samples

Notes:

Printer Support:

Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

Supported Databases

For ArcStorm:

- INFORMIX Dynamic Server 9.40.UC2
- Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)
- Oracle 9i (32 bit) 9.2.0.3.0

For Database Integrator (DBI):

INFORMIX Dynamic Server 9.40.UC2
Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)
Oracle 9i (32 bit) 9.2.0.3.0

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcInfo Workstation 9.1 on Sun Solaris 9 (SPARC)

Product:	ArcInfo Workstation 9.1
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	May 18, 2005

Hardware Requirements

CPU Speed:

450 MHz minimum, 650 MHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Swap Space:

256 MB minimum, 512 MB recommended

Window System:

CDE or Open Windows

Disk Space:

Core Only - 370 MB, Complete - 448 MB

Disk Space Requirements:

An additional 93 MB is required for all samples

Notes:

Printer Support:

Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

Supported Databases

For ArcStorm:

INFORMIX Dynamic Server 9.40.UC2

Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)

Oracle 9i (32 bit) 9.2.0.3.0

For Database Integrator (DBI):

INFORMIX Dynamic Server 9.40.UC2

Oracle 8i (32 bit) 8.1.7.0.0 (Oracle8i Server™)

Oracle 9i (32 bit) 9.2.0.3.0

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System
Design Strategies technical reference document available at: System Design Strategies.