ArcIMS 9.0.1 System Requirements

This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcIMS 9.0.1.

- Linux-Intel Red Hat Enterprise Linux AS/ES 3.0
    - Apache 2.0.48
    - Apache 2.0.46
    - IBM HTTP Server 1.3.28
    - Oracle Application Server 10g 9.0.4
    - Sun Java System (Sun ONE) Application Server 7
    - WebLogic 8.1 sp2
- Linux-Intel SUSE Linux Enterprise Server 9
    - Apache 2.0.46
- Sun Solaris 8 (SPARC)
    - Apache 1.3.27
    - Apache 2.0.46
    - Apache 2.0.48
    - IBM HTTP Server 1.3.27
    - IBM HTTP Server 1.3.28
    - Oracle Application Server 9.0.3
    - Sun Java System (Sun ONE) Application Server 7.0
    - Sun Java System (Sun ONE) Web Server 6.0 SP 5
    - Sun Java System (Sun ONE) Web Server 6.1 SP 2
    - WebLogic 7.0 SP 1
    - WebLogic 8.1
- Sun Solaris 9 (SPARC)
    - Apache 2.0.46
    - Apache 2.0.48
    - IBM HTTP Server 1.3.28
    - Sun Java System (Sun ONE) Application Server 7.0
    - Sun Java System (Sun ONE) Web Server 6.0 SP 5
    - Sun Java System (Sun ONE) Web Server 6.1 SP 2
    - WebLogic 8.1

ArcIMS 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Apache 2.0.48

Product:	ArcIMS 9.0.1
Platform:	Linux-Intel
Operating System:	Red Hat Enterprise Linux AS/ES 3.0
Service Packs/Patches:	Update 2 or higher
Shipping/Release Date:	January 10, 2005
Web Server:	Apache
Web Server Version:	2.0.48

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Architecture:

x86 architecture (32-bit)

Disk Space Requirements:

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

Notes:

OPERATING SYSTEM REQUIREMENTS

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

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

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

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

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Linux requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires XFree86-Mesa-libGL, version 4.2.0-8, which is installed by default with Linux 3.0 (AS/ES) and is an equivalent of OpenGL.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

ArcGIS 9.0

ArcSDE 9.0

FONT REQUIREMENTS

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

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

Copy the following fonts:

`LucidaBrightRegular.ttf`

`LucidaSansRegular.ttf`

`LucidaTypewriterRegular.ttf`

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

Put these fonts in the following directory:

`/usr/lib/X11/fonts/TrueType`

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

ADDITIONAL NOTES

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

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

Supported Servlet Engines

- Tomcat 4.1.29 with mod_jk2
- Tomcat Tomcat 5.0.27 with mod_jk2

Supported Web Browsers

Mozilla 1.4

Java Custom Viewer is not supported.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:

ArcGIS 8.1.2* or higher is needed

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Apache 2.0.46

Product:	ArcIMS 9.0.1
Platform:	Linux-Intel
Operating System:	Red Hat Enterprise Linux AS/ES 3.0
Service Packs/Patches:	Update 2 or higher
Shipping/Release Date:	January 10, 2005
Web Server:	Apache
Web Server Version:	2.0.46

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Architecture:

x86 architecture (32-bit)

Disk Space Requirements:

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

Notes:

OPERATING SYSTEM REQUIREMENTS

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

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

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

The following packages for the OS install are required for ArcIMS to function properly:

Base Development package

Base Legacy Software Development package

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Linux requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires XFree86-Mesa-libGL, version 4.2.0-8, which is installed by default with Linux 3.0 (AS/ES) and is an equivalent of OpenGL.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

ArcGIS 9.0

ArcSDE 9.0

FONT REQUIREMENTS

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

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

Copy the following fonts:

`LucidaBrightRegular.ttf`

`LucidaSansRegular.ttf`

`LucidaTypewriterRegular.ttf`

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

Put these fonts in the following directory:

`/usr/lib/X11/fonts/TrueType`

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

ADDITIONAL NOTES

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

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

Supported Servlet Engines

- ServletExec 5.0 AS

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

- Tomcat 4.1.24 with mod_jk2

Supported Web Browsers

Mozilla 1.4

Java Custom Viewer is not supported.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1

and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on IBM HTTP Server 1.3.28

Product:	ArcIMS 9.0.1
Platform:	Linux-Intel
Operating System:	Red Hat Enterprise Linux AS/ES 3.0
Service Packs/Patches:	Update 2 or higher
Shipping/Release Date:	January 10, 2005
Web Server:	IBM HTTP Server
Web Server Version:	1.3.28

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Architecture:

x86 architecture (32-bit)

Disk Space Requirements:

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

Notes:

OPERATING SYSTEM REQUIREMENTS

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

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

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

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

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Linux requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires XFree86-Mesa-libGL, version 4.2.0-8, which is installed by default with Linux 3.0 (AS/ES) and is an equivalent of OpenGL.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

ArcGIS 9.0

ArcSDE 9.0

FONT REQUIREMENTS

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

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

Copy the following fonts:

```
LucidaBrightRegular.ttf
LucidaSansRegular.ttf
LucidaTypewriterRegular.ttf
```

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

Put these fonts in the following directory:

```
/usr/lib/X11/fonts/TrueType
```

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

ADDITIONAL NOTES

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

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

Supported Servlet Engines

- WebSphere 5.1.1

Supported Web Browsers

Mozilla 1.4

Java Custom Viewer is not supported.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Oracle Application Server 10g 9.0.4

Product:	ArcIMS 9.0.1
Platform:	Linux-Intel
Operating System:	Red Hat Enterprise Linux AS/ES 3.0
Service Packs/Patches:	Update 2 or higher
Shipping/Release Date:	January 10, 2005
Web Server:	Oracle Application Server 10g
Web Server Version:	9.0.4

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Architecture:

x86 architecture (32-bit)

Disk Space Requirements:

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

Notes:

OPERATING SYSTEM REQUIREMENTS

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

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

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

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

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Linux requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires XFree86-Mesa-libGL, version 4.2.0-8, which is installed by default with Linux 3.0 (AS/ES) and is an equivalent of OpenGL.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

ArcGIS 9.0

ArcSDE 9.0

FONT REQUIREMENTS

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

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

Copy the following fonts:

`LucidaBrightRegular.ttf`

`LucidaSansRegular.ttf`

`LucidaTypewriterRegular.ttf`

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

Put these fonts in the following directory:

`/usr/lib/X11/fonts/TrueType`

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

ADDITIONAL NOTES

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

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

Supported Web Browsers

Mozilla 1.4

Java Custom Viewer is not supported.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

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

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

Related Materials

Web Server: To deploy jspsamples and jspviewer that come with the samples for Java Connector, users may have to deploy it under an OJ4C instance

Deploying jspsamples directly under the home directory may not always work.

Jspsamples 8.1 requires that the OAS 10g and ArcIMS are installed on the same machine.

ArcIMS 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Sun Java System (Sun ONE) Application Server 7

Product:	ArcIMS 9.0.1
Platform:	Linux-Intel
Operating System:	Red Hat Enterprise Linux AS/ES 3.0
Service Packs/Patches:	Update 2 or higher
Shipping/Release Date:	January 10, 2005
Web Server:	Sun Java System (Sun ONE) Application Server
Web Server Version:	7

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Architecture:

x86 architecture (32-bit)

Disk Space Requirements:

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

Notes:

OPERATING SYSTEM REQUIREMENTS

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

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

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

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

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Linux requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires XFree86-Mesa-libGL, version 4.2.0-8, which is installed by default with Linux 3.0 (AS/ES) and is an equivalent of OpenGL.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

ArcGIS 9.0

ArcSDE 9.0

FONT REQUIREMENTS

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

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

Copy the following fonts:

`LucidaBrightRegular.ttf`

`LucidaSansRegular.ttf`

`LucidaTypewriterRegular.ttf`

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

Put these fonts in the following directory:

`/usr/lib/X11/fonts/TrueType`

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

ADDITIONAL NOTES

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

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

Supported Web Browsers

Mozilla 1.4

Java Custom Viewer is not supported.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

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

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on WebLogic 8.1 sp2

Product:	ArcIMS 9.0.1
Platform:	Linux-Intel
Operating System:	Red Hat Enterprise Linux AS/ES 3.0
Service Packs/Patches:	Update 2 or higher
Shipping/Release Date:	January 10, 2005
Web Server:	WebLogic
Web Server Version:	8.1 sp2

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Architecture:

x86 architecture (32-bit)

Disk Space Requirements:

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

Notes:

OPERATING SYSTEM REQUIREMENTS

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

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

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

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

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Linux requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires XFree86-Mesa-libGL, version 4.2.0-8, which is installed by default with Linux 3.0 (AS/ES) and is an equivalent of OpenGL.

The following software is required to use the ArcMap Server:

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

ArcGIS 9.0

ArcSDE 9.0

FONT REQUIREMENTS

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

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

Copy the following fonts:

`LucidaBrightRegular.ttf`

`LucidaSansRegular.ttf`

`LucidaTypewriterRegular.ttf`

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

Put these fonts in the following directory:

`/usr/lib/X11/fonts/TrueType`

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

ADDITIONAL NOTES

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

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

Supported Web Browsers

Mozilla 1.4

Java Custom Viewer is not supported.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

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

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Linux-Intel SUSE Linux Enterprise Server 9 on Apache 2.0.46

Product:	ArcIMS 9.0.1
Platform:	Linux-Intel
Operating System:	SUSE Linux Enterprise Server 9
Shipping/Release Date:	January 10, 2005
Web Server:	Apache
Web Server Version:	2.0.46

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Architecture:

x86 architecture (32-bit)

Disk Space Requirements:

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

Notes:

Patch for Xserver Xvfb The following package is required for ArcMap Server to be running on Suse Linux Enterprise Server 9: XFree86-Xvfb-4.3.99.902-43.22.i586.rpm It's coming with the SUSE 9 install CD. **OPERATING SYSTEM REQUIREMENTS**

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

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

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Linux requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

- OpenGL: ArcMap Server also requires OpenGL version 1.3 or higher. XFree86-Mesa-libGL, version 4.2.0-8, is installed by default with Linux 3.0 (AS/ES) and is an equivalent of OpenGL 1.3.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

ArcGIS 9.0

ArcSDE 9.0

FONT REQUIREMENTS

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

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

Copy the following fonts:

```
LucidaBrightRegular.ttf
LucidaSansRegular.ttf
LucidaTypewriterRegular.ttf
```

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

Put these fonts in the following directory:

```
/usr/lib/X11/fonts/TrueType
```

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

ADDITIONAL NOTES

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

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

Supported Servlet Engines

- Tomcat 5.0.27 with mod_jk2

Supported Web Browsers

Mozilla 1.6

Java Custom Viewer is not supported.

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

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

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on Apache 1.3.27

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Apache
Web Server Version:	1.3.27

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines

- ServletExec 4.2

Supported Web Browsers

Netscape Communicator 7

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in

order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on Apache 2.0.46

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Apache
Web Server Version:	2.0.46

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines

- ServletExec 5.0 AS

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

- Tomcat 4.1.24 with mod_jk2
- Tomcat 5.0.25 with mod_jk2

Supported Web Browsers

Netscape Communicator 7

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only

ArcSDE 9.0 or higher

Note: Informix databases are not supported.

Other users

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on Apache 2.0.48

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Apache
Web Server Version:	2.0.48

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines

- ServletExec 5.0 AS

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

- Tomcat 4.1.29 with mod_jk2
- Tomcat 5.0.25 with mod_jk2

Supported Web Browsers

Netscape Communicator 7

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on IBM HTTP Server 1.3.27

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	IBM HTTP Server
Web Server Version:	1.3.27

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines

- WebSphere 5.0

Supported Web Browsers

Netscape Communicator 7

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in

order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on IBM HTTP Server 1.3.28

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	IBM HTTP Server
Web Server Version:	1.3.28

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines

- WebSphere 5.1

Supported Web Browsers

Netscape Communicator 7

Java Custom Viewer is not supported in the Netscape browser.

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in

order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on Oracle Application Server 9.0.3

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Oracle Application Server
Web Server Version:	9.0.3

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script: /ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it

through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on Sun Java System (Sun ONE) Application Server 7.0

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Sun Java System (Sun ONE) Application Server
Web Server Version:	7.0

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it

through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on Sun Java System (Sun ONE) Web Server 6.0 SP 5

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Sun Java System (Sun ONE) Web Server
Web Server Version:	6.0 SP 5

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it

through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on Sun Java System (Sun ONE) Web Server 6.1 SP 2

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Sun Java System (Sun ONE) Web Server
Web Server Version:	6.1 SP 2

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it

through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on WebLogic 7.0 SP 1

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	WebLogic
Web Server Version:	7.0 SP 1

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it

through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 8 (SPARC) on WebLogic 8.1

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	WebLogic
Web Server Version:	8.1

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

METADATA SERVICE REQUIREMENTS

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

COLDFUSION CONNECTOR REQUIREMENTS

ColdFusion MX 6.0

Note:International editions of Cold Fusion may not work properly with the ArcIMS 9.0.1 Cold Fusion Connector.

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it

through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 9 (SPARC) on Apache 2.0.46

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Apache
Web Server Version:	2.0.46

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script: /ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

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

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

METADATA SERVICE REQUIREMENTS

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

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines

- ServletExec 5.0 AS

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

- Tomcat 4.1.24 with mod_jk2
- Tomcat 5.0.25 with mod_jk2

Supported Web Browsers

Netscape Communicator 7.0

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

Other users

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

ArcSDE for Coverages 8.3

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 9 (SPARC) on Apache 2.0.48

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Apache
Web Server Version:	2.0.48

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

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

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

METADATA SERVICE REQUIREMENTS

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

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines

- ServletExec 5.0 AS

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

- Tomcat 4.1.29 with mod_jk2
- Tomcat 5.0.25 with mod_jk2

Supported Web Browsers

Netscape Communicator 7.0

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

Other users

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

ArcSDE for Coverages 8.3

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 9 (SPARC) on IBM HTTP Server 1.3.28

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	IBM HTTP Server
Web Server Version:	1.3.28

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

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

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

METADATA SERVICE REQUIREMENTS

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

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Servlet Engines

- WebSphere 5.1

Supported Web Browsers

Netscape Communicator 7.0

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 9 (SPARC) on Sun Java System (Sun ONE) Application Server 7.0

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Sun Java System (Sun ONE) Application Server
Web Server Version:	7.0

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

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

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

METADATA SERVICE REQUIREMENTS

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

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7.0

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:

ArcGIS 8.1.2* or higher is needed

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

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

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 9 (SPARC) on Sun Java System (Sun ONE) Web Server 6.0 SP 5

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Sun Java System (Sun ONE) Web Server
Web Server Version:	6.0 SP 5

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

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

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

METADATA SERVICE REQUIREMENTS

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

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7.0

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in
order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to
the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1
and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages
CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it
through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:

ArcGIS 8.1.2* or higher is needed

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

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

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

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

ArcIMS 9.0.1 with Sun Solaris 9 (SPARC) on Sun Java System (Sun ONE) Web Server 6.1 SP 2

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	Sun Java System (Sun ONE) Web Server
Web Server Version:	6.1 SP 2

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:

/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

The following software is required to use the ArcMap Server:

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

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

METADATA SERVICE REQUIREMENTS

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

ArcGIS 9.0

ArcSDE 9.0

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7.0

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

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

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

To create .MXDs and .PMFs the following versions of ArcGIS are needed: Solaris and Linux:
If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.
If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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

ArcIMS 9.0.1 with Sun Solaris 9 (SPARC) on WebLogic 8.1

Product:	ArcIMS 9.0.1
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	January 10, 2005
Web Server:	WebLogic
Web Server Version:	8.1

Hardware Requirements

Memory/RAM:

Manager Applications: 64 MB of RAM recommended

ArcIMS Application Server: 256 MB of RAM recommended

ArcIMS Spatial Server: 256 MB of RAM recommended per CPU

HTML Viewers: 64 MB of RAM recommended

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

All components: 256 MB of RAM recommended per CPU

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space Requirements:

The disk space requirements for all ArcIMS components are approximately 760 MB. The disk space requirements for a typical installation of ArcIMS are 420 MB. For the exact disk space requirements, see the ArcIMS installation program on the CD.

Notes:

J2SE JRE REQUIREMENTS

JRE version 1.4.2 is supported.

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

J2SE SDK (JDK) REQUIREMENTS

Refer to your Web server documentation for supported JDK versions.

JAVA 2 PATCHES

Java 2 patches must be installed before operating Java 2 on Solaris.

Patches and installation instructions are at http://sunsolve.sun.com

ARCMAP SERVER REQUIREMENTS

ArcMap Server on Solaris requires a MainWin runtime environment. The MainWin runtime environment can be installed by the ArcIMS setup. To ensure that your system meets the requirements necessary for the MainWin runtime, run the following script:
/ArcIMS/mwTools/checkRequirements

ArcMap Server also requires OpenGL version 1.2 or higher.

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

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

METADATA SERVICE REQUIREMENTS

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

ADDITIONAL NOTES

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

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

The environment variable LD_LIBRARY_PATH must be set to include "/usr/lib" before installation.

Supported Web Browsers

Netscape Communicator 7.0

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

Compatibility Notes

The following versions of ArcSDE are supported by ArcIMS:

Metadata users only
ArcSDE 9.0 or higher

Note: Informix databases are not supported.

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

Note:The ArcGIS 9.0 Desktop applications and ArcIMS 9.0.1 rely on ArcSDE for Coverages in order to be able to read Map Librarian or ArcStorm data. Because there have been no changes to the ArcSDE for Coverages release that was distributed to all ArcGIS 8.3 Desktop, ArcIMS 4.0.1 and ArcSDE 8.3 sites as part of the last release, we are not including an ArcSDE for Coverages CD with 9.0.1. Any ArcIMS 9.0.1 site that needs an ArcSDE for Coverage CD, can order it through their ESRI regional office or international distributor.

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

The following versions of ArcGIS are supported by ArcIMS:

To view ArcIMS map services in ArcGIS:

ArcGIS 8.1.2* or higher is needed

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

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

If ArcSDE data (only) is used, ArcGIS 8.2 or higher is needed to create .MXDs and ArcGIS 8.3 or higher is needed to create .PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

If file based data is used, ArcGIS 9.0 is needed to create .MXDs /.PMFs that can be served in ArcIMS ArcMap Server 9.0.1.

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