

## DEPRECATION PLAN FOR ARCGIS 10.0 AND ARCGIS 10.1

We assess the required platforms and functionality of the ArcGIS platform at each release to account for changes in technologies and markets. As a result, we add and drop some platforms and functionality at each release based on customer needs and technology trends.

This document outlines the changes in platform and functionality in the ArcGIS 10.0 and the upcoming ArcGIS 10.1 releases.

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## ARCGIS 10

### ARCGIS DESKTOP 10.0

- ArcGIS 10.0 is the last release of Solaris support for ArcReader and ArcGIS Engine; we will no longer support the Solaris platform for this functionality beyond ArcGIS 10.0 due to limited demand for this platform.
- **[Correction 8/18/2011]** ArcGIS 10.0 is the last release with full Microsoft Visual Basic for Applications (VBA) support. With ArcGIS 10.1 we will no longer support VBA development. Esri strongly recommends that no further development occur with VBA and ArcGIS Desktop. Users who have custom functionality built using VBA should actively plan strategies to rewrite their applications using a supported development language such as Python, VB.NET, or C# so their applications continue to be operational and supported in future releases of ArcGIS. To help with the migration process, ArcGIS 10.1 will include the “VBA Compatibility” setup that will allow existing VBA code to execute until the migration is complete.
- ArcGIS 10.0 is the last release that the ArcObjects SDK for Microsoft .NET will support Visual Studio 2008.

### ARCINFO WORKSTATION 10.0

- ArcGIS 10.0 is the last planned release of ArcInfo Workstation. However, ArcInfo Workstation 10.0 can be used in conjunction with newer versions of ArcGIS Desktop; known issues are that ArcDoc will not open in Windows versions that do not include legacy Windows Help support, and that the SDE layer and DBMS connect functionality will not be upgraded beyond the versions supported at ArcGIS 10. Users will continue to be able to use their existing ArcInfo Workstation 10 version as the rest of the ArcGIS products and technologies evolve, but we will not release newer versions of ArcInfo Workstation.
- **[Added 9/27/2011]** ArcInfo Workstation will move from the ‘General Availability Phase’ to the ‘Mature Phase’ as of January 1st, 2012.

### ARCIMS 10.0

- ArcGIS 10.0 was the last release of ArcIMS; we will no longer ship ArcIMS in releases after ArcGIS 10.0. With the adoption of ArcGIS Server and the move to 64-bit servers, ArcIMS is no longer the recommended product for producing web maps. While no longer shipped as part of ArcGIS, the current version of ArcIMS (version 10.0) will be continued to be supported as part of the ArcGIS 10.0 lifecycle.

### ARCGIS SERVER 10.0

- ArcGIS 10.0 is the last ArcGIS Server release with support for Solaris (with the exception of the ArcSDE technology component); we will not support this platform after ArcGIS 10.0 due to limited demand for the Solaris server platform. We will continue to support the ArcSDE component of ArcGIS Server on the Solaris platform beyond the ArcGIS 10.0 release.
- ArcGIS Server 10.0 is the last ArcGIS Server release with support for local connections from Web ADF applications. The 10.1 Web ADF applications will only support local connections to Server versions prior to 10.1. We recommend developers using local connections for accessing fine-grained ArcObjects migrate their business logic to Server Object Extensions. For Web ADF based editing applications (all of which use Local connections), we urge users to look at alternative web editing tools based in the ArcGIS Web Mapping APIs.
- ArcGIS Server 10.0 is the last release with support for 32-bit operating systems. The next release of ArcGIS Server (10.1) will run natively as a 64-bit application, requiring 64-bit operating systems **[Added 8/18/2011]** and databases **[Added 6/07/2012]**. This includes the ArcSDE technology component of ArcGIS Server known as the ArcSDE application server.
- ArcGIS Server 10.0 is the last release with support for VBScript or JScript on ArcGIS Server for Linux. VBScript and JScript will continue to be supported on ArcGIS Server for Microsoft Windows. Python scripting will be added as a replacement for these scripting languages and ArcGIS Desktop will support authoring Python scripts in areas where VBScript and JScript are presently used.
- ArcGIS Server 10.0 is the last release supporting publishing non-optimized map documents (MXD files). The next major release will only support publishing optimized maps (MSDs) as that is the best practice for map publishing.

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#### ARCGIS IMAGE SERVER 10.0

- ArcGIS 10.0 is the last release of the stand-alone ArcGIS Image Server product. This product has been replaced with the ArcGIS Server Image Extension. Any existing users of the stand-alone Image Server product or technology (using ISDef files), should plan their migration to the ArcGIS Server Image extension. Existing ArcGIS Image Server users should migrate from using ISDef file to using the Mosaic Datasets, a new data model in the geodatabase for managing collections of imagery and rasters. Mosaic Datasets are created and edited with ArcGIS Desktop (ArcEditor and ArcInfo) and published using ArcGIS Server with the Image Extension. Existing ISDef files can be added to Mosaic Datasets for conversion.

## ARCGIS 10.1

### Smart Data Compression

ArcGIS 10.1, and its service packs, will be the last planned release that supports Esri's Smart Data Compression (SDC) data format. This includes SDC support in ArcGIS for Desktop, Server, Engine, Mobile, ArcPad and Esri data products like StreetMap North America and Esri's Business Analyst. The SDC data format is being replaced with Compressed File Geodatabase (CFGDB) file format **[Added 6/07/2012]**.

### ARCGIS DESKTOP 10.1

- ArcGIS 10.1 will no longer support the Solaris versions of ArcReader and ArcGIS Engine.
- **[Correction 10/6/2011]** ArcGIS Desktop, ArcReader, ArcGIS Engine 10.1 will be the last release that supports Microsoft Windows Server 2003 / 2003 R2.
- **[Correction 10/6/2011]** ArcGIS 10.1 will be the last release supporting ArcReader for Linux. At the 10.1 release, SUSE Linux Enterprise Server 11 and Red Hat Enterprise Linux Server 5 & 6 will be supported. However, SUSE Linux Enterprise Server 10 and Red Hat Enterprise Linux AS/ES/WS 4 will no longer be supported at 10.1. We will no longer support ArcReader on Linux after the ArcGIS 10.1 release.
- **[Correction 10/6/2011]** ArcGIS Engine 10.1 no longer supports SUSE Linux Enterprise Server 10 and Red Hat Enterprise Linux AS/ES/WS 4. However, we will support SUSE Linux Enterprise Server 11 and Red Hat Enterprise Linux Server 5 & 6.
- **[Correction 10/6/2011]** ArcGIS 10.1 will be the last planned release for the ArcGIS License Manager on the Solaris operating system. Esri will continue to support the License Manager on Microsoft Windows, and Linux operating systems. SUSE Linux Enterprise Server 11 and Red Hat Enterprise Linux Server 5 & 6 will be supported (SUSE Linux Enterprise Server 10 and Red Hat Enterprise Linux AS/ES/WS 4 will no longer be supported at 10.1).
- ArcGIS 10.1 will no longer support Microsoft Visual Basic for Applications (VBA).
- ArcGIS 10.1 ArcObjects SDK for Microsoft .NET no longer supports Visual Studio 2008. Esri recommends using Visual Studio 2010 for ArcObjects development for ArcGIS 10.1.
- **[Added 8/18/2011]** ArcGIS Desktop, ArcGIS Engine and Controls, and ArcReader 10.1 will no longer support or provide popup context sensitive help in WinHelp (HLP file) format. No HLP files will be delivered with 10.1. The popup context sensitive help mechanism, including the 'What's This tool' in the Standard toolbar of all the Desktop applications, is removed at 10.1. Help for commands at 10.1 is provided via ribbon-style multi-line tooltips, some of which contain F1 links that launch specific Desktop Help topics. The help for dialogs is provided via clickable hyperlinks or Help buttons in the key dialogs that also launch specific Desktop Help topics.

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## ARCINFO WORKSTATION

- There are no plans to release a new version of ArcInfo Workstation at ArcGIS 10.1. However, ArcInfo Workstation 10.0 will be able to be used in conjunction with newer versions of ArcGIS Desktop. Users will continue to be able to use their existing ArcGIS 10.0 version, but we will not release newer versions.
- **[Added 9/27/2011]** ArcInfo Workstation will move from the 'General Availability Phase' to the 'Mature Phase' as of January 1st, 2012.

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## ARCIMS

- ArcGIS 10.0 was the last planned release for ArcIMS. At ArcGIS 10.1, ArcIMS will no longer be shipped as part of ArcGIS. Users can continue to use existing versions of ArcIMS after this time; however, we will no longer provide new releases. Users should develop a plan and migrate to the ArcGIS Server and Web API technology.

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## ARCGIS SERVER 10.1

- ArcGIS Server 10.1 will be the last planned release for the ArcGIS Server Web ADFs (Application Developer Framework) for both Microsoft .NET and Java. Esri will continue supporting the Web ADFs during the 10.1 release cycle but only fixes to critical issues will be addressed. No new functionality or enhancement requests will be addressed for the Web ADFs. Web application developers are encouraged to move to a web services based pattern with the ArcGIS Web Mapping APIs for JavaScript, Flex, or Silverlight.
- **[Correction 8/18/2011]** ArcGIS Server 10.1 will no longer support local connections (DCOM connections). ArcGIS Server 10.1 will be a web services (REST, SOAP, and OGC) server only. This will have an impact on:
  - The web editing functionality of default Web ADF will no longer be supported. ArcGIS 10.1 will continue evolving and enhancing its web editing capabilities on top of the new 'Feature Service' (new in ArcGIS 10) and the ArcGIS Web Mapping APIs.
  - Custom developed applications from business partners and users using fine grained ArcObjects through DCOM will not be supported. Thanks to the recent enhancements in Server Object Extensions, developers can now migrate custom business logic written at the web application (Web ADF) level to custom ArcGIS Server services. Development against fine grained ArcObjects continues to be fully supported following the Server Object Extension pattern for extending ArcGIS Server services. Esri has been recommending this approach for some time already, due to its simplicity and improved performance.

- Web ADF applications using non-pooled services will not be supported. Over the years, some customers have adopted a pattern for their ArcGIS Server applications that use non-pooled services.
- **[Added 8/18/2011]** Please visit the following [discussion](#) for details on alternatives to non-pooled services and local (DCOM) connection.
- ArcGIS Server 10.1 will be the last planned release for the ArcGIS Server Manager Web Mapping Application (Microsoft .Net and Java). ArcGIS Server Manager includes a wizard for configuring out of the box web mapping applications based on Web ADF technology. ArcGIS Server 10.1 is the last release of the Web Mapping Application wizard in Manager. Esri will continue supporting the ArcGIS Server Manager Application Wizard and Web Applications created with it during the 10.1 release cycle, but only fixes to critical issues will be addressed. New out of the box applications **[Added 8/18/2011]** (ArcGIS Viewer for Flex, ArcGIS Viewer for Silverlight, ArcGIS for Sharepoint, ArcGIS.com Viewer, ArcGIS Explorer Online) based on the ArcGIS Web Mapping APIs, as well as a new experience for configuring them, will be offered as part of the ArcGIS Server 10.1 release.
  - **[Added 9/1/2011]** ArcGIS Server 10.1 will no longer support the use of Bing Maps layers or Bing Maps geocoding tasks from applications created with the ArcGIS Server Manager Application Wizard or custom Web ADF applications. Support for Bing Map layers across other ArcGIS applications and ArcGIS APIs remains unchanged.
- ArcGIS Server 10.1 will no longer support 32-bit operating systems. ArcGIS 10.1 will exclusively support 64-bit operating systems and databases **[Added 6/07/2012]**. Support for 64-bit native execution across all the tiers of ArcGIS Server has been a long awaited feature by many of our customers. 64-bit hardware is the norm in today's market and most modern ArcGIS Server deployments do in fact run on 64-bit hardware. ArcGIS Server 10.1 will run as a native 64-bit application exclusively requiring 64-bit capable hardware. **[Added 8/18/2011]** This includes the ArcSDE technology component of ArcGIS Server known as the ArcSDE application server.
- **[Correction 10/6/2011]** ArcGIS Server 10.1 will no longer support SUSE Linux Enterprise Server 10 and Red Hat Enterprise Linux AS/ES 4. However, we will support SUSE Linux Enterprise Server 11 and Red Hat Enterprise Linux Server 5 & 6.
- ArcGIS 10.1 will no longer support the Solaris versions of ArcGIS Server (with the exception of the ArcSDE technology component). We will continue to support the ArcSDE component of ArcGIS Server on the Solaris platform beyond the ArcGIS 10.1 release.
- **[Correction 10/6/2011]** ArcGIS Server 10.1 will be the last release that supports Microsoft Windows Server 2003 / 2003 R2. This includes the ArcSDE technology component of ArcGIS Server known as the ArcSDE application server.

- **[Added 8/18/2011]** ArcGIS Server 10.1 will be the last release that the ArcSDE technology component (the ArcSDE application server) will support HP-UX on Itanium with Oracle. This is based on Oracle's March 22, 2011 announcement that they will discontinue all software development on the Intel Itanium microprocessor.
- ArcGIS Server 10.1 no longer supports VBScript or Jscript **[Added 8/18/2011]** expressions on ArcGIS Server for Linux. VBScript and JScript will continue to be supported on ArcGIS Server for Microsoft Windows. **[Added 8/18/2011]** Both VBScript and Jscript expressions are used as part of labeling expressions in map documents or in specific geoprocessing tools. Python scripting will be added as a replacement for these scripting languages and ArcGIS Desktop will support authoring Python scripts in areas where VBScript and JScript are presently used.
- ArcGIS Server 10.1 will no longer support publishing **[Correction/Added 8/18/2011]** of ArcGIS Desktop map documents without analyzing them first. In 9.3.1 we introduced tools for analyzing your map documents via the Map Service Publishing toolbar in ArcGIS Desktop. ArcGIS 10.1 will not allow publishing of map documents that have not been previously analyzed. By enforcing this step, maps are ensured to publish correctly and run optimally. During the analyze process, specific data sources, layer types and renderers will be flagged as errors, preventing publishing:
  - **[Added 8/18/2011]** Data sources: CAD files, ArcInfo Workstation Coverages, VPF, Map and Image Services, Personal geodatabases, text and excel files.
  - **[Added 8/18/2011]** Renderers: Custom Renderers (developed with ArcObjects), Linear Referencing Hatch Renderer, Bivariate renderer.
  - **[Added 8/18/2011]** Layers: Topology layers, Layer Selections
- ArcGIS Server 10.1 will no longer support the Microsoft Access based Personal Geodatabase. With the migration of ArcGIS Server to be 64-bit and because of the lack of scalability of Personal Geodatabases, we have removed support for Personal Geodatabases from ArcGIS server 10.1. Personal Geodatabases will continue to be supported on ArcGIS Desktop.
- **[Added 8/18/2011]** ArcGIS Server 10.1's ArcSDE technology component will no longer support 32-bit versions of the SDE command line utilities or 32-bit versions of the C and Java APIs. With the migration of ArcGIS Server to be 64-bit, the SDE command line utilities and the ArcSDE SDK will be 64-bit only.
- **[Added 8/18/2011]** ArcGIS Server 10.1 will not support Microsoft SQL Server 2005 with enterprise geodatabases. At 10.1 enterprise geodatabases will support SQL Server 2008 and 2008 R2. Esri also intends to support SQL Server Denali (SQL Server 2011) with 10.1 enterprise geodatabases once Denali is in final release.
  - **[Added 9/14/2011]** ArcGIS Server 10.1 will not support Multi-Layer cache. This type of cache is rarely used and we see no demand to continue supporting it.

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## ARCGIS IMAGE SERVER 10.1

- ArcGIS 10.1 will no longer support a stand-alone ArcGIS Image Server product. This product is replaced with the ArcGIS Server Image Extension.