Installation FAQ
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Introduction

Installation Overview

The process of installing or deploying AutoCAD Architecture 2012 consists of the three main steps shown in the diagram above.

- **Preparation** is very important for achieving a trouble-free and successful installation.

- **Entering Information** varies depending upon the kind of installation or deployment you need.

- **Installation or Deployment** executes quickly once you have made and specified your choices.

You will either perform an installation on a single computer or create a deployment for multiple computers. In both cases, you decide whether to accept the typical default options or select your own options to configure a custom installation. Although the AutoCAD Architecture Installer has been designed to be self-explanatory, you can find answers to your installation questions in
the FAQ provided here. Note that complete details for creating deployments are provided in the Network Administrator’s Guide.

**What kind of installation will you perform?**

Here are the four main installation types with a summary of the data and decisions they require:

- **Typical installation with default options.** For a typical installation, begin with a proper preparation (page 5). Then, just click through the installer, providing your serial number (page 6), product key (page 6), and license information (page 7). Pre-selected components will be installed with AutoCAD Architecture.

- **Custom installation with selected options.** For a custom installation, in addition to the items listed above for a typical installation, you will also need to determine:
  - Which of the additional bundled products (such as Autodesk Design Review) to install with AutoCAD Architecture.
  - Which features (page 12) (such as Express Tools) to install with AutoCAD Architecture.
  - How to customize the configurable folders.
  - What content packs to install.
  - Select standard content libraries to install.
  - Whether to accept the default to create a desktop shortcut.
  - Whether to install any available service packs (page 12), either from Autodesk or from a local or network drive.

- **Typical deployment with default options.** To create a typical deployment using default options, in addition to providing your serial number, product key, and license information, you will:
  - Name your deployment.
  - Specify a location for your administrative image (page 18).
  - Specify whether you want a network log file (page 17).
  - Determine whether to run installations to workstations in silent mode (page 18).
  - Determine whether you want to create a client log file (page 8) in the Temp directory of each workstation.
Custom deployment with selected options. For a custom deployment, in addition to the items listed above for a typical deployment, you will also specify:

- Which of the additional bundled products (such as Autodesk Design Review) to install with AutoCAD Architecture.
- Which features (page 12) (such as Express Tools) to install with AutoCAD Architecture.
- Whether to install any available service packs (page 20) and whether to merge them with the deployment or append them.
- Whether to add additional files (page 25) to the deployment.
- How to customize the configurable folders.
- What content packs to install.
- What modifications to make to the default search paths and the location of some program files.
- User preferences.
- Whether to enable access to communication channels (page 25), live updates, and RSS feeds.
- Whether to enable access to online resources.
Installing AutoCAD Architecture on a Single Computer

How can I prepare for a successful installation?

You can avoid problems and ensure a smooth installation of AutoCAD Architecture by employing the following best practices:

■ Confirm that your computer meets the minimum System Requirements. (Click "System Requirements" at the bottom of the Installer window.)
  Important: Microsoft .NET Framework 4.0 (available on product disc) must be installed before you install AutoCAD Architecture.

■ Be sure you have Administrator permissions in Windows®.

■ Remove previous installations of this release of AutoCAD Architecture, including any Beta versions.

■ Install all Microsoft Windows® system updates and restart your computer.

■ Before you install, exit all active applications. An even better approach is to install AutoCAD Architecture first thing after starting your computer, before using any applications.

■ Turn off your anti-virus program.

How can I choose the language in which the Installer instructions are presented?

If other languages are available, you can choose the language in which Installer instructions are presented from the Installation instructions drop-down list on
the Installer Launch page. Note that this will also set the language for your software, although later you can change that by selecting another language from the Product Language drop-down list on the Install > Configure & Begin Installation page of the Installer.

How do I choose the language for my software?

If other languages are available, you can choose the one you want to use within AutoCAD Architecture. Select a language from the Product Language drop-down list on the Install > Configure & Begin Installation page of the Installer.

Where can I find my serial number and product key?

Your serial number and product key are on the outside of the product packaging, or in the Autodesk Upgrade Licensing Information email. The serial number must contain a three-digit prefix followed by an eight-digit number. The product key consists of five characters.

What if I've lost my serial number or product key?

Contact the Autodesk Business Center (ABC) at 800-538-6401 for assistance if you lose your serial number or product key.
How do I know if I have enough disk space for the installation?

The Install > Configure & Begin Installation page of the Installer shows you how much disk space is required for your installation and how much disk space you have available.

How do I select a license type? What is the difference between a stand-alone license and a network license?

Choose the type of installation to deploy based on the type of software license you purchased: stand-alone license or network license.

A product with a stand-alone license is registered and activated for an individual computer. While your software can be installed on multiple computers in your facility, a stand-alone license allows only one AutoCAD Architecture to be operational. If you need to run AutoCAD Architecture on more computers, you need to either purchase more stand-alone licenses or convert to using network licenses.

With network licenses, AutoCAD Architecture can be installed and run on multiple computers, up to the maximum number of licenses you've purchased. The Network License Manager utility "checks out" licenses until they are all in use. No additional computers can run the program until a license is "checked in."

For more information, see the Network Administrator's Guide.
What is the purpose of a client log file?

A client log file contains detailed installation information for each workstation. This information may be useful in diagnosing any installation problems. The client log file is located in your Windows "Temp" folder.

How do I register and activate my software after I have finished the installation?

After you’ve installed your software, the easiest way to register and activate your software is with the Product License Activation wizard. You can navigate to the wizard from the Start menu. Alternatively, you can send an email message, fax, or postal mail with registration information to Autodesk.

What are the additional products available for installation?

The following additional products are available to install:

- Autodesk Design Review — Allows users to review, measure, redline, and annotate DWG, DWF, and DXF files without the original Autodesk creation software.
- Autodesk Inventor Fusion— Digital prototyping technology that unites the control of parametric, history-based modeling with the speed of direct, history-free modeling, enabling users to choose the modeling approach that is right for the task at hand.

Where do I customize my installation?

Click on the AutoCAD Architecture band of the Install > Configure & Begin Installation page of the Installer to reveal the configuration area. Optional features are listed there, many of them pre-selected for installation.
What are content packs and how do I install them?

Content packs are collections of locale and discipline specific profiles and content files to install with AutoCAD Architecture.

Content files include:
- Templates
- Content Browser catalogs
- Layer standard files
- Style drawings
- Detail Component and Keynoting catalogs
- Plotter and Plot Style configuration files

To install, select AutoCAD Profile and Architecture (US Imperial, US Metric, and UK) content packs. You can also specify a new location for the Content Browser Library file.

Desktop shortcuts for Content Packs launch the product with the Content Pack profile. At least one Content Pack must be installed. Selecting multiple Content Packs will increase disk space requirements and install time.
What are configurable folders?

Configurable folders are groups of content folders that you can configure to custom locations. For example, you can share layer standards between users and allow standards to be updated only from one location.

The content groups for configurable folders are divided into two categories:

Support

Under this category, select the following content groups for configurable folders:

■ **Menus**: Menu files.
■ **Plotters**: Plotter configuration files and default locations for new plotter configurations.

Content

Under this category, select the following content groups for configurable folders:

■ **AEC Styles and DesignCenter Content**: Sample object styles for AEC content, accessed from DesignCenter and tool palettes.
■ **Tool catalogs**: Design and Documentation tools that refer to all stock objects styles and AEC design content.
- **Templates:** Drawing templates, sample folder structures for Drawing Management and Space Evaluations templates.

- **Layer Standards drawings:** Various global layer standards.

- **Textures:** Texture file library.

- **AEC Details:** Keynote and material database files used by AEC Details, including support content.

Specify one of 3 configurable folder modes for your content:

- **Default Mode:** Default content files are installed on your computer in the default location in the ProgramData folder. When you uninstall the program, default content files are also uninstalled.

- **Local Mode:** Local content files are installed on your computer in non-standard locations. You can install a content group to a location other than the default folder. When you uninstall the program, local content files are also uninstalled.

- **Shared Mode:** Shared content files are installed where they can be shared among multiple computers, enabling multiple users to access the same copy of AutoCAD Architecture content. If you specify the same location for a subsequent installation, you will be prompted to overwrite the existing shared content files. When you uninstall the program, shared content files are not uninstalled.

If you create a deployment with shared content, the content files are written to the shared locations when the deployment is created. In addition, content for all Content Packs has been written to the shared locations.
This ensures that content is present for workstations that may at a later date elect to install additional Content Packs.

**Append** Click the Append button to add a default folder name to a content group's path.

### How can I install medium resolution Material Library images?

In addition to the Material Library images installed by default with AutoCAD Architecture, you may also install the *Medium Image Material Library* if you plan to perform large renders or create close-ups of objects which require high quality textures. Installation takes place after you've installed AutoCAD Architecture. When you invoke either the RENDER or RENDERCROP command from within AutoCAD Architecture, a task dialog will appear to provide an opportunity for downloading the *Medium Image Material Library*.

### How can I be sure available service packs are included in my installation?

You can include a service pack for your installation in the *Service Pack* section of the Installer configuration page. Three options are available:

- Download the available service packs from Autodesk.
- Install a service pack from your local network drive.
- Do not install a service pack.

If you select the option to download and apply a service pack from Autodesk, it will be downloaded automatically. If your installation is up-to-date, a message will tell you that a service pack is not available.

### What features can I customize?

Most features are pre-selected for installation with AutoCAD Architecture. However, you can de-select any feature you choose not to install or select one of the few features that have not been pre-selected. To do so, you must first reveal the feature tree, which is hidden when you choose a *Typical* install in
the configuration area. To reveal the feature tree, choose the Custom install option.

Here are the features available when you install AutoCAD Architecture:

- **CAD Standards**: Tools for managing design files for compliance with your standards.
- **Database**: Database access tools.
- **Dictionaries**: Multi-language dictionaries.
- **Drawing Encryption**: Security tool for protecting drawing files with a password.
- **Express Tools**: Productivity tools to extend AutoCAD functions for dimensioning, drawing, object selection, and object modification. These tools are not supported by Autodesk.
- **Fonts**: AutoCAD fonts and TrueType® fonts.
- **Autodesk Content Explorer**: Interface for quick browsing of DWG files on local and network drives and on Autodesk Seek. Note: In order to search network folders, the Autodesk Content Service utility must also be installed from the Tools & Utilities component of the Installer.
- **Autodesk Seek**: Web service for finding, previewing, and downloading branded and generic building information modeling (BIM) files, models, drawings, and product specifications directly into an active AutoCAD Architecture session. AutoCAD Architecture users can also upload their drawings to Seek.
- **License Transfer Utility**: Tool to allow users to transfer an Autodesk product license between computers.
- **Reference Manager**: Utility that allows users to view and edit the paths of externally referenced files associated with a drawing.
- **Samples**: AutoCAD Architecture samples, DesignCenter samples, and Visual Lisp® samples.
- **Tutorials**: Visual Lisp® Tutorials
Creating a Deployment of AutoCAD Architecture to Multiple Computers

How can I prepare to create a successful deployment to multiple computers?

You can avoid problems and ensure a smooth deployment of AutoCAD Architecture by employing the following best practices.

- Confirm that your network, servers, and client workstations meet the minimum System Requirements for AutoCAD Architecture. (Click "System Requirements" at the bottom of the Installer.) Be sure that you have installed the .NET 4.0 Framework.

- Understand the type of license you have purchased. For a network license deployment, you should also be familiar with the type of license server model you want to use, as well as the license server name(s).

- Obtain Administrator permissions to create and install deployments.

- Install the latest Windows® updates on all computers to which AutoCAD Architecture will be deployed and restart them.

- Create a shared folder where deployments will reside. Create a subfolder for each deployment you plan to create. Verify that all users have full read/write access to the network share where your deployments will be located. Note: If you create AutoCAD Architecture deployments in multiple languages, each language requires a new deployment in a separate deployment folder.

- Identify locations for your support content files and any additional files you need.
Copy the entire installation from the product media to a local drive and create the deployment from that location.

Before you create the deployment, exit all applications and turn off anti-virus programs.

How do I select a license type? What is the difference between a stand-alone license and a network license?

Choose the type of installation to deploy based on the type of software license you purchased: stand-alone license or network license.

A product with a stand-alone license is registered and activated for an individual computer. While your software can be installed on multiple computers in your facility, a stand-alone license allows only one AutoCAD Architecture to be operational. If you need to run AutoCAD Architecture on more computers, you need to either purchase more stand-alone licenses or convert to using network licenses.

With network licenses, AutoCAD Architecture can be installed and run on multiple computers, up to the maximum number of licenses you've purchased. The Network License Manager utility "checks out" licenses until they are all in use. No additional computers can run the program until a license is "checked in."

For more information, see the Network Administrator's Guide.

How can I choose the language in which the Installer instructions are presented?

If other languages are available, you can choose the language in which Installer instructions are presented from the Installation instructions drop-down list on the Installer Launch page. Note that this will also set the language for your software, although later you can change that by selecting another language from the Product Language drop-down list on the Install > Configure & Begin Installation page of the Installer.
What is the benefit of a network licensed version of the software?

With a network license, you can use the Network License Manager to install your software on more systems than the number of licenses you have purchased. At any one time, you can run the software on the maximum number of systems for which you have licenses.

What is the purpose of a client log file?

A client log file contains detailed installation information for each workstation. This information may be useful in diagnosing any installation problems. The client log file is located in your Windows "Temp" folder.

What is the purpose of a network log file?

A network log file keeps a record of all workstations that run the deployment. The log lists the user name, workstation name, and the status of the installation. You can refer to this file for status information and details about problems (such as low disk space or inadequate permissions) that users have encountered during installation.
What is an administrative image?

An administrative image is a collection of shared file resources created during the deployment process and placed in the shared network deployment folder from which multiple workstations install the product.

Where should the administrative image of my deployment be located?

The administrative image for your deployment should be stored in a shared folder (a network share) you have created before you launch the deployment. Name the shared folder "Deployments" and put it on the Desktop of the server where you will store deployments.

How will individual users find the deployed administrative image?

When you are finished creating the deployment, users can install their software by using the shortcut located with the administrative image. The shortcut name matches the deployment name that you specified when you created the deployment.

Notify users of the location of the administrative image, instruct them to double-click the shortcut, and provide any other necessary information.

What is 'silent' deployment mode?

A deployment running in 'silent' mode proceeds without input from individual users, who receive no requests for interaction.

When silent mode is 'off', interactive entries may be made during the deployment process.
What are the additional products available for installation?

The following additional products are available to install:

- **Autodesk Design Review** — Allows users to review, measure, redline, and annotate DWG, DWF, and DXF files without the original Autodesk creation software.

- **Autodesk Inventor Fusion** — Digital prototyping technology that unites the control of parametric, history-based modeling with the speed of direct, history-free modeling, enabling users to choose the modeling approach that is right for the task at hand.

Where do I customize my installation?

Click on the AutoCAD Architecture band of the Install > Configure & Begin Installation page of the Installer to reveal the configuration area. Optional features are listed there, many of them pre-selected for installation.

What features can I customize?

Most features are pre-selected for installation with AutoCAD Architecture. However, you can de-select any feature you choose not to install or select one of the few features that have not been pre-selected. To do so, you must first reveal the feature tree, which is hidden when you choose a Typical install in the configuration area. To reveal the feature tree, choose the Custom install option.

Here are the features available when you install AutoCAD Architecture:

- **CAD Standards**: Tools for managing design files for compliance with your standards.
- **Database**: Database access tools.
- **Dictionaries**: Multi-language dictionaries.
- **Drawing Encryption**: Security tool for protecting drawing files with a password.
- **Express Tools**: Productivity tools to extend AutoCAD functions for dimensioning, drawing, object selection, and object modification. These tools are not supported by Autodesk.
■ **Fonts**: AutoCAD fonts and TrueType® fonts.

■ **Autodesk Content Explorer**: Interface for quick browsing of DWG files on local and network drives and on Autodesk Seek. Note: In order to search network folders, the Autodesk Content Service utility must also be installed from the Tools & Utilities component of the Installer.

■ **Autodesk Seek**: Web service for finding, previewing, and downloading branded and generic building information modeling (BIM) files, models, drawings, and product specifications directly into an active AutoCAD Architecture session. AutoCAD Architecture users can also upload their drawings to Seek.

■ **License Transfer Utility**: Tool to allow users to transfer an Autodesk product license between computers.

■ **Reference Manager**: Utility that allows users to view and edit the paths of externally referenced files associated with a drawing.

■ **Samples**: AutoCAD Architecture samples, DesignCenter samples, and Visual Lisp® samples.

■ **Tutorials**: Visual Lisp® Tutorials

### How can I install medium resolution Material Library images?

In addition to the Material Library images installed by default with AutoCAD Architecture, you may also install the Medium Image Material Library if you plan to perform large renders or create close-ups of objects which require high quality textures. Installation takes place after you’ve installed AutoCAD Architecture. When you invoke either the RENDER or RENDERCROP command from within AutoCAD Architecture, a task dialog will appear to provide an opportunity for downloading the Medium Image Material Library.

### How do I include Service Packs with my deployment?

You can include a service pack for your deployment in the Service Pack section of the Installer configuration page. If you select the option to download and apply a service pack from Autodesk, it will be downloaded automatically. If
your installation is up-to-date, a message will tell you that a service pack is not available.

If you choose to apply a service pack from your local drive or a drive in your network, you will need to choose between two options:

■ Append the service pack(s) onto the deployment by applying the pack after your software is deployed. With this method, the service pack is applied to the current deployment only; the Administrative Image MSI file is not affected.

■ Merge the service pack(s) into the Administrative Image MSI file. With this method, the service pack may not be removed from the image.

What are content packs and how do I install them?

Content packs are collections of locale and discipline specific profiles and content files to install with AutoCAD Architecture.

Content files include:

■ Templates
■ Content Browser catalogs
■ Layer standard files
■ Style drawings
■ Detail Component and Keynoting catalogs
■ Plotter and Plot Style configuration files
To install, select AutoCAD Profile and Architecture (US Imperial, US Metric, and UK) content packs. You can also specify a new location for the Content Browser Library file.

Desktop shortcuts for Content Packs launch the product with the Content Pack profile. At least one Content Pack must be installed. Selecting multiple Content Packs will increase disk space requirements and install time.

**What are configurable folders?**

Configurable folders are groups of content folders that you can configure to custom locations. For example, you can share layer standards between users and allow standards to be updated only from one location.
The content groups for configurable folders are divided into two categories:

**Support**

Under this category, select the following content groups for configurable folders:

- **Menus**: Menu files.
- **Plotters**: Plotter configuration files and default locations for new plotter configurations.

**Content**

Under this category, select the following content groups for configurable folders:

- **AEC Styles and DesignCenter Content**: Sample object styles for AEC content, accessed from DesignCenter and tool palettes.
- **Tool catalogs**: Design and Documentation tools that refer to all stock objects styles and AEC design content.
- **Templates**: Drawing templates, sample folder structures for Drawing Management and Space Evaluations templates.
- **Layer Standards drawings**: Various global layer standards.
- **Textures**: Texture file library.
- **AEC Details**: Keynote and material database files used by AEC Details, including support content.
Specify one of 3 configurable folder modes for your content:

- **Default Mode:** Default content files are installed on your computer in the default location in the ProgramData folder. When you uninstall the program, default content files are also uninstalled.

- **Local Mode:** Local content files are installed on your computer in non-standard locations. You can install a content group to a location other than the default folder. When you uninstall the program, local content files are also uninstalled.

- **Shared Mode:** Shared content files are installed where they can be shared among multiple computers, enabling multiple users to access the same copy of AutoCAD Architecture content. If you specify the same location for a subsequent installation, you will be prompted to overwrite the existing shared content files. When you uninstall the program, shared content files are not uninstalled.

  If you create a deployment with shared content, the content files are written to the shared locations when the deployment is created. In addition, content for all Content Packs has been written to the shared locations. This ensures that content is present for workstations that may at a later date elect to install additional Content Packs.

**Append** Click the Append button to add a default folder name to a content group's path.
What is the purpose of configuring additional files in a deployment?

You can configure your installation to include additional files to accomplish the following tasks:
- Specify script files to include with your deployment.
- Install user files of any format and place them in any directory on a client workstation.
- Add subfolders under the installation folder.
- Add sample files to the same location as program files.
- Add files to the root of the installation directory.

What are the services of the Communication Center?

During a custom deployment, you can choose whether or not to activate user preferences for Communication Center services.
- **Enable live updates**: Allows users to check for updates when an internet connection is established. If a product patch is available, notification of its availability is received on the program's status bar; the patch can be either downloaded directly from an Autodesk server or modified before being copied to workstations.
- **Enable CAD Manager Channel**: Controls the display of CAD Manager Channels, allowing users to toggle CAD Manager Channels, define the CAD Manager feed location, and set the CAD Manager Channel display name.

What is Autodesk Exchange?

Autodesk Exchange is a new central portal for Help, learning aids, tips and tricks, videos, and downloadable apps. If you accept the User Preference default to display Autodesk Exchange at startup, you will have access to a dynamic selection of tools from the Autodesk community.
How do I modify a deployment configuration?

Once you have created a deployment, you can modify its configuration.

To modify a deployment configuration:

1. Locate and open the shared folder where your deployment is located.
2. Open the Tools subfolder within your deployment folder.
3. Locate the shortcut for Create or Modify a Deployment.
4. Double-click the Create or Modify a Deployment shortcut to launch the Installer in Modify Deployment Configuration mode.
5. On the Modify Deployment Configuration > Settings page, enter information about your deployment and select an option.
How do I add or remove features after installation?

To add or remove features from AutoCAD Architecture, navigate from Windows Start to the control panel for adding, changing, and removing programs. When you select AutoCAD Architecture as the program you want to change, the Installer will open in maintenance mode. Click Add or Remove Features and follow the instructions in the Installer.

What are content packs and how do I install them?

Content packs are collections of locale and discipline specific profiles and content files to install with AutoCAD Architecture.

Content files include:
- Templates
- Content Browser catalogs
- Layer standard files
- Style drawings
- Detail Component and Keynoting catalogs
- Plotter and Plot Style configuration files
To install, select AutoCAD Profile and Architecture (US Imperial, US Metric, and UK) content packs. You can also specify a new location for the Content Browser Library file.

Desktop shortcuts for Content Packs launch the product with the Content Pack profile. At least one Content Pack must be installed. Selecting multiple Content Packs will increase disk space requirements and install time.

**What if I accidentally delete or alter required files? Can I replace or repair them?**

You may be able to fix a problem that stems from a missing or altered support file by running the Installer to repair or reinstall AutoCAD Architecture. To launch the Installer, navigate from Windows Start to the control panel for adding, changing, and removing programs. When you select AutoCAD Architecture as the program to change, the Installer will open in maintenance mode. Click Repair or Reinstall and follow the instructions in the Installer.

**After repairing my installation, is it possible to recover my settings?**

Custom settings can be exported and later re-imported to the same system in case you have to repair the installation of your program. For more detailed
information regarding exporting and importing custom settings, see the *Customization Guide*.

**How do I uninstall my software?**

To uninstall AutoCAD Architecture and all of its components from your computer, navigate from Windows Start to the control panel for adding, changing, and removing programs. When you select AutoCAD Architecture as the program you want to change, the Installer will open in maintenance mode. Click *Uninstall* and follow the instructions in the Installer.

Note: AutoCAD Architecture installs a material library and base resolution image library by default. These must be uninstalled separately through the Windows control panel for adding or removing programs.

**What are the tools and utilities available for installation?**

You can install the following products from the Tools & Utilities section of the Installer.

- **Autodesk Network License Manager** — Manages network licenses for your software by "checking out" and "checking in" licenses.

- **Autodesk CAD Manager Tools** — Utility to allow CAD administrators to modify resource settings after a deployment is completed.

- **Autodesk Content Service** — Utility (for installation on network server) to build index and enable searching on shared network folders and in Autodesk Seek. Works in conjunction with Autodesk Content Explorer (preselected feature for installation), which must also be installed.
System Requirements

AutoCAD Architecture 2012 System Requirements

Here are the minimum system requirements for both 32-bit and 64-bit operating systems.

Recommended requirements: In addition to the minimum requirements, these system requirements also include recommended requirements for memory and graphics cards. The recommended operating system is Windows 7 (64-bit).

AutoCAD Architecture 2012 System Requirements for 32-bit Workstations (page 31)

AutoCAD Architecture 2012 System Requirements for 64-bit Workstations (page 33)

Requirements for Group Policy (GPO) Deployments (page 35)

System Requirements for 32-bit Workstations

Make sure that your computer meets the minimum system requirements. If your system does not meet these requirements, problems can occur, both within AutoCAD Architecture and at the operating system level.

Whether your Windows operating system is the 32-bit or the 64-bit version, the version is automatically detected during installation. A 64-bit version of AutoCAD Architecture cannot be installed on a 32-bit system and vice-versa.
See the following table for hardware and software requirements.

<table>
<thead>
<tr>
<th>Description</th>
<th>Requirement</th>
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<tbody>
<tr>
<td>Operating system</td>
<td>Service Pack 3 (SP3) or later of the following:</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows XP Professional</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows XP Home</td>
</tr>
<tr>
<td></td>
<td>Service Pack 2 (SP2) or later of the following:</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows Vista Enterprise</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows Vista Business</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows Vista Ultimate</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows Vista Home Premium</td>
</tr>
<tr>
<td></td>
<td>The following operating systems:</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows 7 Enterprise</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows 7 Ultimate</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows 7 Professional</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows 7 Home Premium</td>
</tr>
<tr>
<td>Browser</td>
<td>Internet Explorer 7.0 or later</td>
</tr>
<tr>
<td>Processor</td>
<td>Windows XP</td>
</tr>
<tr>
<td></td>
<td>Intel Pentium 4 or AMD Athlon Dual Core, 1.6 GHz or Higher with SSE2 technol-</td>
</tr>
<tr>
<td></td>
<td>ogy</td>
</tr>
<tr>
<td></td>
<td>Windows Vista or Windows 7</td>
</tr>
<tr>
<td></td>
<td>Intel Pentium 4 or AMD Athlon Dual Core, 3.0 GHz or Higher with SSE2 technol-</td>
</tr>
<tr>
<td></td>
<td>ogy</td>
</tr>
<tr>
<td>Memory</td>
<td>2 GB RAM (8 GB Recommended)</td>
</tr>
<tr>
<td>Display resolution</td>
<td>1024x768 with True Color</td>
</tr>
</tbody>
</table>
## System Requirements for 64-bit Workstations

Make sure that your computer meets the minimum system requirements. If your system does not meet these requirements, problems can occur, both within AutoCAD Architecture at the operating system level.

Whether your Windows operating system is the 32-bit or the 64-bit version, the version is automatically detected during installation. A 64-bit version of AutoCAD Architecture cannot be installed on a 32-bit system and vice-versa.

See the following table for hardware and software requirements.

<table>
<thead>
<tr>
<th>Description</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating system</td>
<td>Service Pack 2 (SP2) or later of the following:</td>
</tr>
<tr>
<td></td>
<td>• Microsoft® Windows® XP Professional</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disk Space</td>
<td>2.5 GB free disk space for default installation (3.0 GB for full installation)</td>
</tr>
<tr>
<td>Pointing Device</td>
<td>MS-Mouse compliant</td>
</tr>
<tr>
<td>Media (DVD)</td>
<td>Download and Installation from DVD</td>
</tr>
<tr>
<td>.NET Framework</td>
<td>.NET Framework Version 4.0</td>
</tr>
<tr>
<td>Additional requirements for 3D Modeling</td>
<td>Intel Pentium 4 processor or AMD Athlon, 3.0 GHz or greater or Intel or AMD Dual Core processor, 2.0 GHz or greater 2 GB RAM 6 GB free hard disk available not including installation requirements 1280 x 1024 True color video display adapter 128 MB or greater, Pixel Shader 3.0 or greater, Direct3D® capable workstation class graphics card.</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td><strong>Requirement</strong></td>
</tr>
<tr>
<td>------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>Service Pack 2 (SP2) or later of the following:</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows Vista® Enterprise</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows Vista Business</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows Vista Ultimate</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows Vista Home Premium</td>
</tr>
<tr>
<td></td>
<td>The following operating systems:</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows 7 Enterprise</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows 7 Ultimate</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows 7 Professional</td>
</tr>
<tr>
<td></td>
<td>■ Microsoft Windows 7 Home Premium</td>
</tr>
<tr>
<td><strong>Browser</strong></td>
<td>Internet Explorer® 7.0 or later</td>
</tr>
<tr>
<td><strong>Processor</strong></td>
<td>AMD Athlon 64 with SSE2 technology</td>
</tr>
<tr>
<td></td>
<td>AMD Opteron™ with SSE2 technology</td>
</tr>
<tr>
<td></td>
<td>Intel Xeon® with Intel EM64T support and SSE2</td>
</tr>
<tr>
<td></td>
<td>Intel Pentium 4 with Intel EM64T support and SSE2</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>2 GB RAM</td>
</tr>
<tr>
<td><strong>Display resolution</strong></td>
<td>1024x768 with True Color</td>
</tr>
</tbody>
</table>
| **Disk Space**   | 3.0 GB free disk space for default installation  
(3.5 GB for full installation)                                                                 |
<p>| <strong>Pointing Device</strong> | MS-Mouse compliant                                                                                                                                     |
| <strong>Media (DVD)</strong>  | Download and Installation from DVD                                                                                                                   |
| <strong>.NET Framework</strong> | .NET Framework Version 4.0                                                                                                                          |</p>
<table>
<thead>
<tr>
<th>Description</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional requirements for 3D Modeling</td>
<td>2 GB RAM or more</td>
</tr>
<tr>
<td></td>
<td>6 GB free hard disk available not including installation requirements</td>
</tr>
<tr>
<td></td>
<td>1280 x 1024 True color video display adapter 128 MB or greater, Pixel Shader 3.0 or greater, Direct3D® capable workstation class graphics card.</td>
</tr>
</tbody>
</table>

**Requirements for GPO (Group Policy Objects) Deployments**

In addition to the minimum system requirements, additional items are needed for a successful GPO deployment. See the Network Administrator’s Guide for further information about GPO deployments.

**Available on the product disc**

- Microsoft .NET 4.0
- DirectX 9.0C
- Microsoft Visual C++ 2010 Redistributable (x86) for 32 bit and 64 bit operating systems
- Microsoft Visual C++ 2008 SP1 Redistributable (x86) for 32 bit and 64 bit operating systems
- Microsoft Visual C++ 2005 Redistributable (x86) for 32 bit and 64 bit operating systems
- Microsoft Visual C++ 2008 SP1 Redistributable (x64) for 64 bit operating systems
- Microsoft Visual C++ 2005 Redistributable (x64) for 64-bit operating systems
- Microsoft National Language Support Downlevel APIs (for x64 only)
- FARO LS
- Autodesk Design Review 2012
- Autodesk Content Service (Private or Public)
Available on the product disc

Autodesk Inventor Fusion and The Autodesk Inventor Fusion Add-in for AutoCAD 2012

Autodesk Material Library 2012

Autodesk Material Base Resolution Image Library 2012

Others

Microsoft Internet Explorer version 7.0 Service Pack 1 or later. You can download Microsoft Internet Explorer from the Microsoft website by visiting www.microsoft.com.

Microsoft Installer Package (MSI) 4.5

Microsoft Windows Media Format 9.5 (prerequisite for 64-bit)