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Autodesk Installer Help

1

Installation Overview

The *Autodesk Inventor Installation* guide provides instructions about how to prepare, and then install Autodesk Inventor 2011. If you have never installed the product before, you should familiarize yourself with the entire installation process and options before beginning.

If you have a previous release installed, you should review the [Migration - Product settings](#) on page 51 section, so you can take full advantage of your custom settings.

For in-depth information on deployment and licensing, refer to the Network and Licensing guides:

- *Network Administrator's Guide*
- *Licensing Guide*

NOTE To access the files in PDF format on the Documentation page, click on the Documentation link on the Install Wizard

Preparing for Installation

To prepare for installation, you should review the system requirements, understand administrative permission requirements, locate your Autodesk Inventor serial number and product key, and close all running applications. Complete these tasks, and you are ready to begin installing Autodesk Inventor.

Administrative Permission Requirements

To install Autodesk Inventor, you must have administrator permissions. You do not need to have domain administrative permissions. See your system administrator for information about administrative permissions.

You do not need administrator permissions to run Autodesk Inventor. You can run the program as a limited user.

Recommended System Requirements

Before you begin installing, check to see that your system meets the recommended hardware and software requirements. Also, ensure that you have the system settings required to install and run Autodesk Inventor 2011.

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

For Windows Users: See the following table for hardware and software requirements.

Recommended	For part and assembly design (less than 1,000 parts)	For large assembly design (more than 1,000 parts)
Microsoft Windows® Operating Systems	Windows® 7 (32-bit or 64-bit); Home Premium, Professional, Ultimate/Enterprise Windows® Vista™ (SP2) (32-bit or 64-bit): Home Basic, Home Premium, Business, Enterprise, Ultimate Windows® XP: Professional (SP3) XP Professional x64 Edition (SP2)	Windows® 7 64-bit Windows® Vista™ 64-bit (SP2) Windows® XP Professional x64 Edition (SP2)
Processor	Intel® Pentium® 4 - 2 GHz or faster, Intel® Xeon™, Intel® Core™, AMD® Athlon™ 64, AMD® Opteron™ or later	AMD64 or Intel® 64 processor
RAM	2 or more GB	6 or more GB
Graphics Card	Microsoft Direct3D 10, Direct3D 9 capable	CAD workstation-capable

Other Requirements:

- 16 GB free disk space to accommodate the installation files and temporary files created during the installation.
- DVD-ROM drive
- Microsoft Mouse compliant pointing device
- 1280 x 1024 or higher screen resolution
- Internet connection for Web downloads and Subscription Aware access
- Adobe Flash Player 10. Note: The multimedia learning components of the Inventor Help system, such as the Ribbon Introduction, Command Locator, and Show Me animations require Adobe Flash Player 10 be installed. If it is not already installed, you can download it from <http://www.adobe.com/products/flashplayer/>
- Microsoft Internet Explorer 6.x through 8
- Microsoft Excel 2003 through 2007 for iComponents, thread customization, and spreadsheet-driven designs

Notes:

- Autodesk Inventor 2011 and AutoCAD Mechanical 2011 applications are each provided both as 32-bit applications and as 64-bit applications for installation and use on the corresponding operating system only. Autodesk Vault Explorer 2011 is a 32-bit application for installation and use on either a 32-bit or 64-bit operating system.
- Autodesk Inventor 2011/AutoCAD Mechanical design applications and Autodesk Vault must all be the same language on a given computer. English versions of these applications run on any language operating system. Other language versions of these applications run on operating systems of that same language.
- Autodesk Inventor 2011 has been optimized to take advantage of the SSE2 extended instruction sets supported on Pentium 4, AMD Athlon 64 and AMD Opteron processors. Autodesk Inventor will not install on computers that do not support SSE2. Several utilities are available on the internet that report CPUID including supported instructions sets.
- Autodesk recommends settings which allow Microsoft Windows to manage virtual memory, as needed. There should always be at least twice as much free hard disk space as system memory (RAM).

- Please refer to the Autodesk published graphics card information at:
Autodesk Inventor Hardware Web Site
- Autodesk Inventor 2011 is available only on DVD media (or electronic download in some situations). CD media is no longer available. DVD-ROM drive is not required if installing using electronic download.,

NOTE The preceding requirements are recommended for effective use of Autodesk Inventor 2011 software. For further details, please refer to the Readme document installed with Autodesk Inventor 2011.

For Macintosh Users: See the following table for hardware and software requirements.

Boot Camp

You can install Autodesk® Inventor® Professional software on a Mac® computer on a Windows partition. The system must use Boot Camp® to manage a dual OS configuration and meet the minimum system requirements:

- Apple OS X 10.5x
- Boot Camp V 2.0 or higher
- Intel-based Mac (64-bit Windows Vista requires an Intel Core® 2 duo or Xeon® processor)
- Minimum 3 GB RAM (Recommend 4 GB for 32-bit Windows OS, 8 GB or more for 64-bit Windows OS)
- Minimum 20 GB disk space for Apple OS partition, minimum 20 GB for Windows OS partition

Mac Virtualization on Parallels Desktop

Autodesk Inventor Professional can be used on the Mac via Parallels Desktop for Mac without having to boot directly into the Windows OS so it is easy to switch between platforms. The system must meet the following requirements:

- Mac os X 10.5x
- Parallels Desktop 4.0 (4.0.3844 or higher) or Desktop 5.0
- Intel based Mac (64-bit Windows Vista requires an Intel Core 2 duo or Xeon processor)

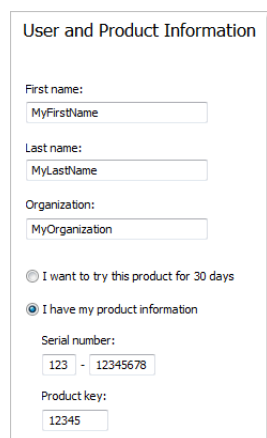
- Minimum 4 GB RAM (6 GB system memory for 32-bit Windows OS, 8 GB or more for 64-bit Windows OS recommended)
- Minimum 40 GB available disk space (100 GB recommended)

For more details, please read the *Inventor for Mac FAQ* [Inventor for Mac FAQ](#).
To find out if a service pack is available, visit the *Autodesk Product Support page*

Locating Your Serial Number and Product Key

When you install Autodesk Inventor, you are prompted for your serial number and product key in the Product and User Information page. The serial number and product key are located on the outside of the product packaging, or in the email you received if you downloaded your product.

The serial number must contain a three-digit prefix followed by an eight-digit number. The product key consists of five digits.



User and Product Information

First name:
MyFirstName

Last name:
MyLastName

Organization:
MyOrganization

☐ I want to try this product for 30 days

☒ I have my product information

Serial number:
123 - 12345678

Product key:
12345

The information you enter is permanently retained with the product. Because you can't change this information later without uninstalling, take care when entering the information. To review this product information later, on the InfoCenter toolbar, click the drop-down arrow next to the Help button (the question mark). Then click About.

NOTE If you have lost your serial number or product key, contact the Autodesk Business Center (ABC) at 800-538-6401 for assistance.

Minimize the Chances of Installation Failure

The Autodesk Inventor installation process may stop if some applications such as Microsoft® Outlook® or virus-checking programs are running. Close all running applications to avoid possible installation problems and data loss.

Choosing a Language

NOTE The Add Language Pack option is a subscription benefit and is only available to subscription customers on the subscription center website.

You can select a different language for installation instructions, and a language for individual product installations in the same install process.

When you begin an installation or deployment process, the installer detects your operating system's language. If you need to provide to users in one or more languages different than your own, you can download language packs from the subscription center website so that you can install/deploy the product in the languages you need to support.

NOTE Language packs can only be included in an administrative image during the creation of the deployment and not during modification.

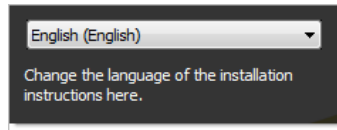
To select a language for an individual product, utility installation, or a deployment, click the language drop-down on the Select the Products to Install page, and then select a language.

Select the Products to Install

A screenshot of a web interface titled "Select the Products to Install". Below the title is a horizontal drop-down menu. The menu is currently set to "English" and has a small downward-pointing arrow on its right side.

- Go to the subscription center website and download the language you need.
- In the Select the Products to Install page, click the language drop-down arrow and select Add Language Pack.
- In the Language Pack dialog box, click the browse button and select the language pack downloaded from the subscription center.

NOTE You can change the language for the instructions from the language drop-down list on the initial page of the installation wizard.



The following rules apply to language selection:

- Only one language can be chosen per installation session. Meaning, you cannot chose English for one product, then select German for another product during the same installation.
- Only one language can be chosen during deployment creation. One administrative image can contain deployments for different languages, but each deployment must be targeted for one language.
- If you are editing an existing deployment, or creating a new deployment using an existing deployment as a template, the language selection drop-down is disabled. The drop-down will only display the existing deployment's language.
- When a selected language is not supported, a default language will be chosen.

Autodesk Material Library

The Autodesk Material library is a shared library between Autodesk 2011 products such as Inventor, AutoCAD, Revit and 3ds Max. These components may already be installed if one of these applications is already installed on your computer. If you uninstall or remove a library, the library will not no longer be available in any of the products.

There are 2 different parts to the Autodesk Material Library which are installed with Autodesk Inventor:

- **Autodesk Material Library 2011:** This is the library containing the material appearances used for Realistic Appearance in color styles. This component is installed by default and required for Autodesk Inventor to have full visual style and color style functionality. It is recommended you do not uninstall this component unless you are also uninstalling all Autodesk products that require this library.

- **Autodesk Material Library 2011 Base Image Library:** This contains low resolutions (approximately 512 x 512) for use with Autodesk Materials. This is installed by default.
- **(AutoCAD Mechanical only) Autodesk Material Library 2011 Medium Image Library:** This contains medium resolution (approximately 1024x1024) images for rendering materials in medium detail. This is for close-ups and for rendering objects at a large scale. This Library is an option available from the Select Products to Install page on the Installation Wizard.

NOTE The Autodesk Medium Library is not available in Autodesk Inventor. In the Select Products to Install dialog box, you have the option to install the medium resolution libraries for AutoCAD Mechanical.

The default install location for the Autodesk Material Libraries is a common files folder and cannot be changed.

If you uninstall or delete an Autodesk Material Library you must perform the following to reinstall and regain visual style and color style functionality:

- From the installer media, browse to and run: \MaterialLibrary \CM\ProteinMaterials.msi

If you uninstall or delete the Autodesk Material Library 2011 Base Image Library you must perform the following to reinstall:

- From the installer media, browse to and run: \MaterialLibrary\CMIL\BaseImageLibrary.msi

(AutoCAD Mechanical only) If you uninstall or delete the Autodesk Material Library 2011 Medium Image Library, you can reinstall directly from the installation media:

- 1 In the installation media, select Install.
- 2 In the Products to Install page, select Autodesk Material Library Medium Image Library.
- 3 Click the install button to install the libraries.

Image libraries size:

- Autodesk Material Library 2011 - Approximately 176 MB

- Autodesk Material Library 2011 Base Image Library - Approximately 255 MB
- (AutoCAD Mechanical only) Autodesk Material Library 2011 Medium Image Library - Approximately 600 + MB

Migrating your custom settings

You can migrate your custom settings and files from previous releases of Autodesk Inventor (*Autodesk Inventor 2000* through *Autodesk Inventor 2011*). It is recommended that you migrate custom settings from a previous release right away. This prevents you from overwriting files or having to keep track of any custom settings you may make in the new release. Migrating settings overwrites any new settings.

You can import your customization files from previous versions of Autodesk Inventor into Autodesk Inventor 2011.

If this is a stand-alone installation, you can do the following after installation within Autodesk Inventor

- Import an xml file containing your exported xml application options settings
- Import an xml file containing your exported customization settings
- Import an xml file containing your exported ribbon customization settings

During a deployment installation, you can also do the above during installation through the deployment Configurations options.

Activation and License types

To register and activate Autodesk Inventor, go to the *Autodesk product activation page*.

If you do not have Internet access, you will be provided information on how to activate and register your product when you launch your Autodesk product.

Email

You can create an e-mail message with your registration information and send it to authcodes@autodesk.com.

License types and Registration

License types include the following:

Commercial A license for a product that was purchased commercially.

Not for Resale A license for a product that is not sold commercially.

Educational (EDU)/Institution A license designed specifically for educational institutions.

Student Portfolio A license for students who are using an Autodesk product as part of their curriculum.

NOTE All license types are available as a stand-alone and network license except for the Student Portfolio license, which is available as stand-alone only.

All License Types s have the following characteristics:

- Each starts as a single-seat, trial version. During installation, customers must choose between trial and network license. Authorization of the trial to convert to a licensed copy is done at run time. The serial number is entered during the licensing process.
- Each is a fully functional copy of the product.
- Customers have 30 days to register the product.
- Registration is optional. If the product is not registered, you cannot run the product after 30 days.
- The type of registration is displayed in the installation banner and in the product About dialog box.

The process for registering is:

- 1 Install the Autodesk Inventor media and follow the Installation Wizard instructions.
- 2 When prompted, enter your Serial Number and Product key. These are located on the outside of the product packaging, or in the e-mail message you received if you downloaded your product. These determine which Autodesk product you have purchased.
- 3 After installation, launch your Autodesk product.
- 4 Select the Activation button.

- 5 If you are connected to the Internet, the Autodesk product activation page displays.
- 6 When prompted, enter the product serial number. This will generate an activation code request to Autodesk.
- 7 Product registration provides you a unique activation code.
- 8 Enter this activation code at the appropriate prompt to complete the installation.

NOTE If you are not connected to the internet, you will be provided instructions how to activate your product without access to the internet.

Differences between stand-alone and network licenses

Stand-alone licensed products are registered and activated to an individual workstation. While the software can be installed on multiple systems in your facility, the license only allows one system to be operational. You can use the Portable License Utility if a license was transferred to another system. To run more systems, purchase more stand-alone licensed products, or consider converting to network licenses.

Network licensed products rely upon a Network License Manager to track software licenses. The software can be installed and run on multiple systems, up to the maximum number of licenses you purchased. The Network License Manager "checks out" licenses until they are all in use. No further systems can run the program until a license is "checked in". To run more systems, you can purchase additional licenses for the Network License Manager to maintain.

Activate Autodesk Inventor on a network using the Autodesk Network License Activation Utility

Use the Network License Activation Utility to activate Autodesk Inventor on a network. To access the utility, the Network License Manager must be installed. For more information on installing and using Autodesk Network License manager, refer to the Autodesk Network Licensing Guide documentation.

Network License Activation Utility

In the Network License Manager program group, click Network License Activation Utility and select the applicable activation executable. Although

all Inventor program activation executables are available, you can only activate the executables for which you have a valid serial number.

The deployment process offers CAD Managers the option to register the product online (or offline) after the deployment process has finished. For more information, see the Register the Product section in the Autodesk Network Administrator's Guide documentation.

Network License settings

The first time you specify a server path for a Network License installation, all other products which require a server path setting inherit the initial value. You can specify the network server for one product and have all other products inherit that setting. Later, setting the server path for any other product only affects the setting for that individual product.

For example, when you specify the network install path for Product A, all other products inherit the path setting from Product A. When you switch to Product B and change its network install path setting, the setting only applies to Product B and does not affect any other product.

Benefits of using a network license

Network licensed products are recommended for large drafting/design facilities, classrooms, and lab environments. The main advantage is that you can install products on more systems than the number of licenses you have purchased. (For example, purchasing 25 licenses but installing on 40 workstations.) At any one time, products run on the maximum number of systems for which you have licenses. You get a true floating license. If software must be run on more systems, you can purchase additional licenses.

Registration and activation occurs only once and the licenses are maintained on your Network License Server.

Installation Workflow

Installation Wizard Overview

Installing Autodesk Inventor uses an Installation Wizard to step you through the process of installing the software on your computer. Follow the Wizard

dialog boxes in sequence, and select or enter options as prompted. Use the Back button to return to any dialog boxes that you must edit. Depending on your version of Autodesk Inventor, you may be asked to authorize the product. Versions that require authorization may be operated for 30 days, at which time you must authorize the product to continue using it.

The Installation wizard contains all installation-related material in one place. From the Installation wizard, you can access user documentation, change the installer language, choose a language-specific product, install supplemental tools, and add online support services.

- **Review installation documentation before you install.** It is recommended that you take the time to familiarize yourself with the complete installation process before you install products. You can access PDF versions of the installation and licensing manuals from the product's Installation wizard by selecting the Read this Documentation selection, the Documentation link at the bottom, left pane of the install pages, or through the Help system. You can also access PDF files from the product discs by navigating to the documentation (docs) folder. For late-breaking information, it is also recommended that you review the product *Readme*.

NOTE To view or print any files with an extension of *.pdf*, Adobe® Reader® must be installed on your computer. If you do not have Adobe Reader, you can download the latest version by visiting www.adobe.com.

To install Autodesk Inventor

Follow the instructions on the successive Installation Wizard dialog boxes.

If you are installing a trial version or you have entered a Product Key from a bundled series of products, select the correct Inventor product to install. If you are unsure what product to select, contact your Authorized Autodesk Reseller or refer to your bundled product documentation.

If the following options are incorrect and unavailable, click the Back button and enter a different Product Key.

IMPORTANT If you choose an Inventor product which is different from what you have purchased, reinstall the correct product to activate it.

Modifying the Installation

The Installation Wizard asks you for information such as the drive location for the source files and the folder where you want the program installed. The

Wizard also prompts you to define settings such as units of measurement. Most settings that you define during the installation can also be modified from within Autodesk Inventor after the installation completes.

To modify the setting that enables part modifications from within drawings:

- 1 Close all open programs.
- 2 Click Start ► Settings ► Control Panel, and double-click Add/Remove Programs
- 3 Highlight Autodesk Inventor 2011, and click Change/Remove.

Autodesk Inventor requires Microsoft Internet Explorer for some functions.

In addition to Autodesk Inventor, the Autodesk Inventor setup installs example files and the Software Developer's Kit (SDK).

If you do not have IE 6.0 currently installed, you are prompted to install it before proceeding with the Autodesk Inventor install. Update Internet Explorer to the current version after installation for security and compatibility with Autodesk Inventor Help files.

NOTE Do not remove Microsoft Internet Explorer. If Microsoft Internet Explorer is removed, Autodesk Inventor does not run properly. After you install Microsoft Internet Explorer, restart your computer before installing Autodesk Inventor.

Using the Installation Wizard

The Installation Wizard interactively guides you through the setup process. The windows in a typical Installation Wizard workflow are shown here. The windows you see may differ depending on the installation choices you make.

NOTE If you do not want to install the product interactively using this Wizard, you can install Autodesk Inventor unattended using a scripted installation process. For more information, refer to Scripting Installation.

Installation Wizard workflow:

Select the Products to Install

In the Installation wizard, choose a language for the install instructions or accept the default language, and then click Install Products.

You can select a different language for deployment instructions, and a language for product installations.

Next, select the products and the language for the products you want to install, and then click Next.

NOTE Autodesk Design Review 2011 is available for installation on this page. Design Review must be installed if you want to view DWF or DWFx files.

Software License Agreement

Select your country from the list box. Scroll to view the license agreement in the dialog box. Accept the license agreement to continue installing Autodesk Inventor. If you reject the license agreement, you cannot install Autodesk Inventor.

NOTE To print the license agreement for future reference, highlight all the license agreement text displayed in the dialog box and copy it using Ctrl-C keys, paste it into any text editor, and print it.

If you are required to accept additional license agreements, those pages follow the current page.

Product and User Information

Enter the Serial number, Product key, and user information. The Product key is used to determine which products you have purchased.

Your Product key and serial number are located on the outside of the product packaging, or in the email you received if you purchased or upgraded your product online.

The Part Number consists from three series of digits. The product and version are defined by the first five digits. These five characters are parsed out by the installation and stored as the Product Key. The first three digits identify the product. The fourth and fifth digits identify the product version .

NOTE If you have lost your serial number or product key, contact the Autodesk Business Center (ABC) at 800-538-6401 for assistance.

Confirm Your Product Selections

Displays messages related to the products you selected to be installed. Click the Next button to confirm your selections, or click the Back button to change your selections.

If you are installing a trial version or entering a Product Key from a bundled series of products, select the correct Inventor product to install in the next

dialog box. If you are unsure which product to select, contact your Authorized Autodesk Reseller or refer to your bundled product documentation.

If the following options are incorrect and unavailable, click the Back button and enter a different Product Key.

IMPORTANT If you choose an Inventor product which is different from what you purchased, reinstall the correct product to activate it.

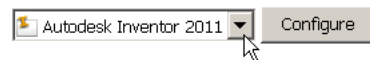
Begin Installation

Select a product from the list box to review the current settings for that product. Click the Configure button to review and customize the default settings for the product.

Begin Installation

Review the settings below. If you do not want to make changes, click Install. If you want to modify these settings, use the Back button. If you want to make additional configuration changes, select the product from the drop-list and click Configure.

Select a product to configure:



When you are done configuring your product selection, click Configuration Complete, and then click Install to install the application you specified.

The next sections describe pages which appear when you clicked Configure on the Begin Installation page.

Select the License Type

Select the type of license you have: stand-alone License or Network License. If you choose stand-alone License, you must have a valid serial number and product key to install the application. Network License refers to a group license (managed by Autodesk License Manager). Contact your system administrator if you do not know which license type to select.

NOTE If you use stand-alone License, you can choose to install Autodesk Inventor on a 30-day trial or activate Autodesk Inventor during the installation process. If you choose to install the application on the 30-day trial basis, you do not need the Serial Number to proceed.

Select Preferences

- **Application Options Settings** effects how you interact with the Autodesk Inventor design and documentation environments. Specify default Autodesk Inventor settings or AutoCAD related settings.

NOTE These settings can be changed after installation on the Application Options General tab. These settings are not available in Maintenance Mode.

- **Part Modification** enables or disables part modification from within drawings. Changes to a model dimension on a drawing to change the corresponding part dimension.

IMPORTANT These settings cannot be changed after installation within the product. These settings are not available in Maintenance Mode. The only way to change these settings is by uninstalling and then reinstalling the product.

- **Measurement Units** sets the default measurement units to use with the Measure command.
 - Inches (Default)
 - Millimeters

NOTE You can change the measurement units at any time in the design files. These settings are not available in Maintenance Mode.

- **Drawing Standard** sets the default drawing standard: ANSI, BSI, DIN, GB, GOST, ISO, or JIS.

NOTE You can set the default drawing standard and create drawings of any other standard at any time. These settings are not available in Maintenance Mode.

- **Desktop Shortcut** installs product shortcuts to the desktop. For both stand-alone and network installations, a single desktop shortcut is added to the desktop.

This option also installs a single desktop shortcut in network installations where multiple types of Autodesk Inventor software may be installed (Autodesk Inventor, Autodesk Inventor Routed Systems, Autodesk Inventor Simulation, Autodesk Inventor Professional).

NOTE This setting is not available in Maintenance Mode.

Select an Icon Color Theme

The Icon Color Theme changes the colors for the commands in the Ribbon, Quick Access Toolbar and the Navigation Bar to one of the following color themes:

Amber Theme



Cobalt Theme



Access the Icon Color Theme setting on the Colors tab in the Application Options dialog box. You can change your icon color theme within Inventor on the Colors tab in the Application Options dialog box

Select Content Center Access Options

Specify whether you will access standard content as Desktop Content or from a Vault server.

If you are a stand-alone user, select Desktop Content. The Content Center libraries will be installed on your local drive.

IMPORTANT If you are installing Content Center libraries on a server, select Vault Server in the Select Access to Standard Content dialog box. Install the server and the content center libraries from the Autodesk Vault 2011 (Server) DVD.

Select the Installation Type and Specify Install Location

- **Typical** installs the most common application features. This option is recommended for most users.
- **Custom** installs only the application features that you select. Select the features that you want to install.

Specify where to install Autodesk Inventor. Ensure that your computer has at least 600 MB of free drive space plus another 600 MB in the TEMP location. Additional products take more space. You can accept the displayed default destination by clicking Next, or browse to a new directory.

You can set the path where Autodesk Inventor is installed. The default installation path is C:\Program Files\Autodesk\Inventor 2011.

NOTE Do not rename the product folder, as Autodesk Inventor requires it for proper operation.

Installation path length limitation

During the installation, it can be difficult to determine the number of visible characters in the destination file paths. Therefore, if you encounter an installation path length error, first attempt the following:

- Exit the Installation Wizard.
- Relocate the install source files to a folder with a shorter path.
- Rerun the Inventor setup.exe program.

If you continue to encounter the path length error, attempt the following:

- Return to the Begin Installation page of the Installation Wizard.
- Click Configure.
- In the Select the Installation Type window, shorten the Product install path.
- Click Configuration Complete and continue through the Installation Wizard.

If you still encounter the path length error, contact Autodesk support for assistance.

Example - acceptable installation path

Source File Path (84 visible characters)

\Inventor\Install source path\

Destination File (89 visible characters)

\Program Files\Inventor\I want to put Inventor here\Inventor.exe

Example - unacceptable installation path

Source File Path (127 visible characters)

\Inventor\Install source path\want to install from this path although the path length may be too long\we will find out shortly\

Destination File (138 visible characters)

\Program Files\Inventor\I want to put Inventor here as long as the file path does not exceed the operating system limitations\Inventor.exe

Important Installation Path Information

You can set the path where Autodesk Inventor is installed. The default installation path is C:\Program Files\Autodesk\Inventor 2011.

NOTE Do not rename the product folder, as Autodesk Inventor requires it for proper operation.

Installation path length limitation

During the installation, it can be difficult to determine the number of visible characters in the destination file paths. Therefore, if you encounter an installation path length error, first attempt the following:

- Exit the Installation Wizard.
- Relocate the install source files to a folder with a shorter path.
- Rerun the Inventor setup.exe program.

If you continue to encounter the path length error, attempt the following:

- Return to the Review-Configure-Install page of the Installation Wizard.
- Click Configure.
- In the Select the Installation Type window, shorten the Product install path.
- Click Configuration Complete and continue through the Installation Wizard.

If you still encounter the path length error, contact Autodesk support for assistance.

Example - acceptable installation path

Source File Path (84 visible characters)

\Inventor\Install source path\

Destination File (89 visible characters)

\Program Files\Inventor\I want to put Inventor here\Inventor.exe

Example - unacceptable installation path

Source File Path (127 visible characters)

\Inventor\Install source path\want to install from this path although the path length may be too long\we will find out shortly\

Destination File (138 visible characters)

\Program Files\Inventor\I want to put Inventor here as long as the file path does not exceed the operating system limitations\Inventor.exe

Include Service Pack

Specify whether to install Service Pack 1 on your local machine.

NOTE The installer automatically checks autodesk.com for Service Pack 1. If Service Pack 1 is available, a link is displayed.

NOTE The next sections pertain to additional applications which can be installed along with Autodesk Inventor.

AutoCAD Mechanical

For more information about AutoCAD Mechanical, refer to the AutoCAD Mechanical online Help.

Autodesk Vault

Click for more information about Autodesk Vault, refer to the Autodesk Vault 2011 Implementation Guide located on the Documentation page on the Vault Server media.

When you are done configuring your product selection, click the Configuration Complete button.

Click the Install button to install the applications you specified.

Install Progress

The applications you specified are now being installed.

Installation Complete

This summary page, with links to Readme files, is displayed after your applications are installed. Suggested Readme files are checked by default. You have the option to remove the check from these options. Depending on your operating system, you either start the product immediately or perform a reboot before continuing.

Quick Reference

Preferences

IMPORTANT Default Preferences cannot be modified after installation. To modify these preferences, you must uninstall and then reinstall Autodesk Inventor through Add/Remove Programs.

- **Application Options Settings** effects how you interact with the Autodesk Inventor design and documentation environments. Specify default Autodesk Inventor settings or AutoCAD related settings.

NOTE These settings can be changed after installation on the Application Options General tab. These settings are not available in Maintenance Mode.

- **Part Modification** enables or disables part modification from within drawings. Changes to a model dimension on a drawing to change the corresponding part dimension.

IMPORTANT These settings cannot be changed after installation within the product. These settings are not available in Maintenance Mode. The only way to change these settings is by uninstalling and then reinstalling the product.

- **Measurement Units** sets the default measurement units to use with the Measure command.

- Inches (Default)

- Millimeters

NOTE You can change the measurement units at any time in the design files. These settings are not available in Maintenance Mode.

- **Drawing Standard** sets the default drawing standard: ANSI, BSI, DIN, GB, GOST, ISO, or JIS.

NOTE You can set the default drawing standard and create drawings of any other standard at any time. These settings are not available in Maintenance Mode.

- **Desktop Shortcut** installs product shortcuts to the desktop.
For both stand-alone and network installations, a single desktop shortcut is added to the desktop.
This option also installs a single desktop shortcut in network installations where multiple types of Autodesk Inventor software may be installed (Autodesk Inventor, Autodesk Inventor Routed Systems, Autodesk Inventor Simulation, Autodesk Inventor Professional).

NOTE This setting is not available in Maintenance Mode.

Autodesk Content Center

Content Center

Content Center is comprised of default libraries containing thousands of standard screws, bolts, nuts, washers, pins, and more, that can be inserted in assemblies.

NOTE Desktop Content are Content Center libraries used in a stand-alone work environment and are available on this media. Desktop Content cannot be installed on a server and shared across a network. If you work in a shared environment, select Vault Server in the Select Access to Standard Content dialog box. Install the server and the content center libraries from the Autodesk Vault 2011 (Server) media.

If you are a stand-alone user, select Inventor Desktop Content on the Select Access to Standard Content dialog box. This option installs the Content Center libraries on your local drive.

In Select Content Center libraries for Inventor Desktop Content dialog box, libraries are preselected based on the based on the Autodesk product selected in the Confirm Inventor product to install dialog box.

The following is the list of content which can be installed with the Autodesk Inventor products.

ANSI Standard Content	ANSI Fasteners, Shaft parts, Steel shapes, more
DIN Standard Content	DIN Fasteners, Shaft parts, Steel shapes, more
GOST Standard Content	GOST Fasteners, Shaft parts, Steel shapes, more
ISO Standard Content	ISO Fasteners, Shaft parts, Steel shapes, more
JIS & GB Standard Content	Standard parts for JIS and GB - Fasteners, Shaft parts, Steel shapes, more
Feature Generators Standard Content	General features in metric and imperial units
Other Standard Content	Standard parts for AFNOR, AS, BSI, CNS, CSN, GOST, IS, KS, PN, SFS, SS, STN, and UNI
Parker Standard Content	Standard content supplied by Parker Hannifin for tube and pipe fittings (Autodesk Inventor Professional and Autodesk Inventor Routed Systems only)
Routed Systems Standard Content	Standard content for Cable & Harness and Tube & Pipe parts (Autodesk Inventor Professional and Autodesk Inventor Routed Systems only)
Sheet Metal Standard Content	Standard content for Sheet Metal parts
Mold Metric Standard Content	Standard content for Mold Metric parts
Mold Imperial Standard Content	Standard content for Mold Imperial parts

NOTE To specify an install location for the Desktop Content libraries, click the Browse button.

See also:

- [Installing Autodesk Inventor Content Center](#) on page 25
- [Reconfiguring the installation](#) on page 26

Installing Autodesk Inventor Content Center

Desktop Content (which are Content Center libraries for a single computer) is installed with Autodesk Inventor. Before installing the Content Center libraries, determine the installation scenario best suited for your company. Consider whether installing Content Center libraries on a shared Vault server is a solution to the needs your company. Content Center libraries installed on a shared Vault Server can be shared with users running Autodesk Inventor 2011 on their local computer. This practice is especially useful if you work on projects requiring you to create custom libraries. It minimizes space requirements on the local computer.

Alternately, if you are a stand-alone user, you can install Autodesk Inventor 2011, the Content Center libraries (Desktop Content) to your local computer.

Installing

The Installation type options you specify during installation, determines how the Content Center libraries are installed and configured on a local computer or remote server.

If you are a stand-alone user, select Inventor Desktop Content on the Select Access to Standard Content dialog box. This option installs the Content Center libraries on your local drive.

In Select Content Center libraries for Inventor Desktop Content dialog box, libraries are preselected based on the based on the Autodesk product selected in the Confirm Inventor product to install dialog box.

The following is the list of content which can be installed with the Autodesk Inventor products.

NOTE To specify an install location for the Desktop Content libraries, click the Browse button.

If you are working in a shared workgroup environment, select the Autodesk Vault Server option on the Select Content Center Access Options dialog box. Use this option to install the Vault server and the Content Center libraries on a central server. Install the Vault server and Content Center libraries from the Autodesk Vault 2011 (Server) media.

See also:

- [Content Center](#) on page 23
- [Reconfiguring the installation](#) on page 26

Reconfiguring the installation

To add a default library after installation, use the Autodesk Inventor Installation Wizard:

- In the Select the products to install dialog box, select the check box next to Content Center libraries.
- In the Select Content Center libraries dialog box, select the check box next to the library you want to install

Network Administration Key Highlights

For in-depth information on deployment and licensing, refer to the Network and Licensing guides:

- *Network Administrator's Guide*
- *Licensing Guide*

NOTE To access the files in PDF format on the Documentation page, click on the Documentation link on the Install Wizard

Scripting Installation

You can install Autodesk Inventor from a server on many client computers using script files, where you specify the installation options and run the installation in an unattended mode.

Recommended Script Format:

`UNC\Setup.exe /t /q /c INVENTOR: PROPERTY=VALUE`

Explanation of /t /q /c:

- /t: install from command line
- /q: quiet mode, complete silent – no UI at all
- /c: Pass command line to an installer

Where UNC is the path for Autodesk Inventor installation program, PROPERTY is an Autodesk Inventor administrative installation property, and VALUE is one of its corresponding values.

This format installs required Autodesk Inventor support software.

For Autodesk Inventor, it includes on an as needed basis:

- .NET framework version 3.5 sp1
- An updated windows installer

Sample .bat file (drag the Autodesk Inventor Setup.exe onto this file):

```
%1 SERIALPREFIX=340 SERIALSUFFIX=00000000 ADSK_SILENT_LICENSE=YES /pr
```

Property	Value
ALLOWDRAWINGEDIT	1 (enable) or 0 (disable)
CONTENTLIBRARYEDIT	1 (enable) or 0 (disable)
DRAWINGSTANDARD	ANSI, ISO, GOST, DIN, JIS, GB, or BSI
INSTALLLEVEL	3 (Minimum) or 5 (Complete) - Minimum is the default
INSTALLDIR	"C:\Program Files [(x86)]\Autodesk" You can change the value to be any valid destination on your system
ACADSERIALPREFIX	000
ACADSERIALNUMBER	00000000
ACADFIRSTNAME	First name
ACADLASTNAME	Last name
ACADORGANIZATION	Organization name
LICENSETYPE	stand-alone or NETWORK (case sensitive)
UNITS	INCH or MM (case sensitive)
ADSK_DESKTOPSHORTCUT	1 (enable) or 0 (disable)
ICONCOLORTHEME	1 (Amber color theme) or 0 (Cobalt color theme)
INSTALLVAULTSERVERCC	1 (Autodesk Vault Server) or 0 (Inventor Desktop Content)

Example Script:

```
C:\Autodesk\Setup.exe /t /q /c INVENTOR: INSTALLDIR="C:\Program Files\Autodesk\"  
ACADSERIALPREFIX=400 ACADSERIALNUMBER=00000000 ACADFIRSTNAME=autodesk  
ACADLASTNAME=inc ACADORGANIZATION="autodesk Inc." InstallLevel=5
```

For in-depth information on deployment and licensing, refer to the Network and Licensing guides:

- *Network Administrator's Guide*
- *Licensing Guide*

NOTE To access the files in PDF format on the Documentation page, click on the Documentation link on the Install Wizard

Configure Application and Custom Options

During a deployment installation, you can:

- Specify whether to configure the Autodesk Inventor with default Inventor setting or with AutoCAD related settings
- Import an xml file containing your exported xml applicaiton options settings
- Import an xml file containing your exported customization settings
- Import an xml file containing your exported ribbon customization settings

Application Option Settings

What are the differences between the default Inventor Application Options Settings and the AutoCAD related settings?

Option 1: *I would like to use the default Inventor settings.*

The default Application Options settings are installed.

Option 2: *I would like to use settings closely related to AutoCAD.*

This option provides a similar feel to the AutoCAD product. In addition, the Help home page is configured to provide you with quick access to the Help topics that get you started using Autodesk Inventor. There is an entire module dedicated to assist you during the transition and reduce your leaning curve.

How do I create custom Application Options settings?

You can manage your Application Options settings, by storing and applying settings as a named file. Application Options settings can be exported to an XML file, making them portable across computers and easily migrated to the next Autodesk Inventor release. Additionally, CAD Managers can use them to deploy a consistent set of user preferences for all users or specific groups.

In Autodesk Inventor, in the Application Options dialog box, change any of the default settings to meet you and your company needs. When you finish configuring Application Options, click the Export button to save your customized settings in an .xml file.

What is the difference between application options, customization, and ribbon customization settings?

- Application Options settings allow you to set behavioral options for Autodesk Inventor operations. The settings in the Application Options dialog box control the look and feel of Autodesk Inventor. Autodesk Inventor is delivered with two default Application Options settings: Default Autodesk Inventor settings and AutoCAD related settings.
- Customization settings allow you to customize your work environment including customizing keyboard shortcuts or modify the default shortcuts.
- Ribbon customization settings allow you to create custom user-defined panels for each of the ribbon tabs. User-defined tabs display in the User Commands panel. The User Commands panel is created when you first create a custom panel.

NOTE Only available through the Deployment Wizard from the installer.

Customization Settings

You can customize your work environment and then save your customized settings to an xml file.

What are the differences between the Customization Settings?

Option 1: *I would like to use the default Inventor settings.*

The default configuration of the Autodesk Inventor user interface is installed.

Option 2: *I would like to import custom settings.*

Imports customized work environment settings from an xml file created in the Customize dialog box. The Customize dialog box is accessed from the Tools tab and selecting Customize from the Options panel.

NOTE Only available through the Deployment Wizard from the installer.

Ribbon Customization Settings

What do the Ribbon Customization Settings affect?

These options control the display of the Ribbon in Autodesk Inventor.

NOTE The Autodesk Inventor user interface provides access to commands on a ribbon in place of the menu and panel bars.

What are the differences between the Ribbon Customization Settings?

Option 1: *I would like to use the default Inventor settings.*

The default configuration of the ribbon user interface is installed.

Option 2: *I would like to import custom settings.*

Imports customized ribbon settings from an xml file created in the Customize User Commands dialog box. Access the Customize User Commands dialog box by right-clicking on a command in the ribbon and selecting Customize User Commands from the context menu.

NOTE Only available through the Deployment Wizard from the installer.

Additional files

On the Install Additional Files page, when you click Browse, you can specify additional files to include with a deployment. By default, these files are installed in the installation directory of the program on client workstations when the deployment is run. You can install files to multiple directories if desired.

You can perform the following operations:

- Specify additional files to include with your deployment.
- Install different types of files to different workstation directories.
- Add subfolders under the installation folder.
- Add files to the same location as program files (for example, add sample drawings for a project).
- Add files to the root of the installation directory.

NOTE We recommend that you install these files to a location within the directory structure of the program. You cannot install files with the same file name as an installed program file.

To install additional files

- 1 While creating a deployment, on the Install Additional Files page, set the location where the file is installed.
- 2 Do any of the following:
 - Click Browse to open the Add Files dialog box, where you can select files to add to the installation directory.
 - Click Add Folder to create a folder in the installation directory.
 - Click Add Drive to create a drive name in the installation directory.
 - Click Remove to delete a file, folder, or drive from the installation directory.
- 3 Click Next.

License timeout, license borrowing, and network connectivity

You can set up an options file to subject your network licenses to a specified timeout period. Do not confuse the license timeout feature functionality with the network connectivity requirement (heartbeat).

License timeout functionality

- In the options file, you can set a timeout period for your network licenses. If set, the timeout period is a minimum of 15 minutes, but can be longer.
- If Autodesk Inventor or add-in activity is not detected on the client computer during the timeout period, the license is sent to the network license server so that it is available for other users.
 - If the license is sent to the server, the client attempts to obtain a license from the server when use of Autodesk Inventor resumes.
 - If a license is not obtained 30 minutes after the use of Inventor resumes, a message warns that 90 minutes remain before Inventor shuts down. The client continues to search for an available license and notifies if

one is obtained. If a license is not obtained, additional warning messages appear on the client to specify how much time remains before Inventor shuts down.

- If a license is not obtained by the end of the 90-minute period, Inventor shuts down. Work can be saved, but other features are unavailable before Inventor closes.

Network connectivity requirement (heartbeat)

- The client computer must be connected to the network so that the license server can monitor the state of the license.
 - To obtain a license, the client must be connected to the network before Inventor starts.
 - If the client becomes disconnected from the network while in possession of a license, the server revokes the license.
 - If the network connection is not re-established after a 30-minute interval, a message warns that 90 minutes remain before Inventor shuts down. Unless the client is reconnected to the network, additional warning messages appear on the client to specify how much time remains before Inventor shuts down.
 - If a network connection is not re-established by the end of the 90-minute period, Inventor shuts down. Work can be saved, but other features are unavailable before Inventor exits.

The options file can also be used to set up license borrowing.

License borrowing

- You can set up license borrowing for your network licenses.
 - Clients can borrow licenses to work with Inventor while disconnected from the network licensing server.
 - In the options file, you define the number of licenses available for borrowing, as well as the maximum borrow period. You can also define which users are eligible to borrow licenses.
 - The user borrows a license by selecting Help ► About Autodesk Inventor ► Product Information ► Borrow License.

- When the borrow period expires, the borrowed license is automatically disabled. The user can also elect to return a borrowed license before it expires.

For in-depth information on deployment and licensing, refer to the Network and Licensing guides:

- *Network Administrator's Guide*
- *Licensing Guide*

Log files

The 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. Refer to this file for status information and details about problems that users encounter during installation.

The Client log file contains detailed installation information for each workstation. This information is useful in diagnosing installation problems. The client log is located in the \Temp directory of each client workstation

For in-depth information on deployment and licensing, refer to the Network and Licensing guides:

- *Network Administrator's Guide*
- *Licensing Guide*

GPO Deployment

You can assign a deployment to computers using Group Policy Objects (GPO). Refer to the Network Administrator's Guide for more information.

NOTE In the GPO section of the guide, under “To assign a deployment to a computer,” the following changes are needed to make the instructions applicable to Inventor installations:

- Replace acad.msi with Inventor.msi.
- Before installation, ensure that MSI, .Netframework, VBA6, DirectX, MDAC, VCREDIST, WMF, WSE30, DWGTrueView, and OEMViewer are installed on the client machine. This software is found in the support folder on the source media, except MSI is in the root folder.

For in-depth information on deployment and licensing, refer to the Network and Licensing guides:

- *Network Administrator's Guide*
- *Licensing Guide*

If you have additional questions, contact your reseller or Autodesk support.

Viewers supplied with Autodesk Inventor

Four viewers are supplied with Autodesk Inventor:

- **Autodesk Design Review (ADR)**
Optional. Used to view, print, measure, mark up, and revise 2D and 3D designs without the original design creation software.
- **DWG TrueView**
Installed with Autodesk Inventor. This viewer is used to view AutoCAD DWG and Inventor DWG files.
- **Autodesk Inventor View**
Used to view native Inventor documents (IAM, IPT, IPN, and IDW), but does not support DWF or DWG viewing. There are two versions of Autodesk Inventor View:
 - The version that is installed with Autodesk Inventor.
 - A stand-alone version that can be downloaded from the Autodesk Web site. This version, which is also installed by default with Autodesk ProductStream, is not compatible with Autodesk Inventor. It cannot be used on a computer that already has Autodesk Inventor installed.

NOTE For more information, refer to the online help for these products.

Change or Modify the installation

To change or modify the existing installation, run the setup after installing Autodesk Inventor on your system or use Add/Remove Programs to Change/Remove the install options.

Add or Remove Features

This option displays the Add/Remove Features dialog box, where you can reconfigure the installation by adding or removing any of the optional components.

Repair or Reinstall

This option either repairs or reinstalls Autodesk Inventor:

- **Repair** - Autodesk Inventor is restored to its default state; all files modified from the default state are reverted.
- **Reinstall** - Autodesk Inventor is reinstalled; all files are updated.

Uninstall

This option uninstalls Autodesk Inventor from your system.

Frequently Asked Questions

How do I register my Autodesk product?

To register and activate Autodesk Inventor, go to the *Autodesk product activation page*.

If you do not have Internet access, you will be provided information on how to activate and register your product when you launch your Autodesk product.

Email

You can create an e-mail message with your registration information and send it to authcodes@autodesk.com.

What kind of stand-alone license types are available?

There are several versions of licenses. Among them are the full commercial product, the education-market ready (EMR) product for students, the educational-instructional product (EDU), and the not-for-resale (NFR) product.

All versions have the following characteristics:

- Each version starts as a single-seat, trial version. During installation, customers must choose between trial and network license. Authorization of the trial to convert to a licensed copy is done at run time. The serial number is entered during the licensing process.
- Each version is a fully functional copy of the product.
- Customers have 30 days to register the product.
- Registration is optional. If the product is not registered, you cannot run the product after 30 days.
- The type of registration is displayed in the installation banner and in the product About dialog box.

The process for registering is:

- 1 Install the Autodesk Inventor media and follow the Installation Wizard instructions.
- 2 When prompted, enter the product serial number. It generates an activation code request to Autodesk.
- 3 Go to the *Autodesk product registration page* and submit the request code. If server does not connect right away, keep trying. Internet traffic can be heavy during peak business hours.
- 4 Product registration provides you a unique activation code.
- 5 Enter this activation code at the appropriate prompt to complete the installation.

What are the benefits of using a network license?

Network licensed products are recommended for large drafting/design facilities, classrooms, and lab environments. The main advantage is that you can install products on more systems than the number of licenses you have purchased. (For example, purchasing 25 licenses but installing on 40 workstations.) At

any one time, products run on the maximum number of systems for which you have licenses. You get a true floating license. If software must be run on more systems, you can purchase additional licenses.

Registration and activation occurs only once and the licenses are maintained on your Network License Server.

For in-depth information on deployment and licensing, refer to the Network and Licensing guides:

- *Network Administrator's Guide*
- *Licensing Guide*

What happens when I specify a server path for a Network License installation?

The first time you specify a server path for a Network License installation, all other products which require a server path setting inherit the initial value. You can specify the network server for one product and have all other products inherit that setting. Later, setting the server path for any other product only affects the setting for that individual product.

For example, when you specify the network install path for Product A, all other products inherit the path setting from Product A. When you switch to Product B and change its network install path setting, the setting only applies to Product B and does not affect any other product.

Where is my Product Key and Serial Number?

Your Product key and serial number are located on the outside of the product packaging, or in the e-mail message you received if you downloaded your product.

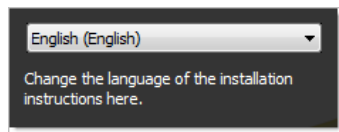
NOTE If you have lost your serial number or product key, contact the Autodesk Business Center (ABC) at 800-538-6401 for assistance.

What language options do I have?

You can select a different language for deployment instructions, and a language for product installations.

When you begin an installation or deployment process, the installer detects your operating system's language. If a supported language is detected, your install or deployment pages are displayed in that language. You can change the language for the instructions from the language drop-down list on the initial page of the installation wizard.

NOTE Language packs can only be included in an administrative image during the creation of the deployment and not during modification.



You can also select a language for an individual product by clicking the Select Language for Individual Products checkbox on the Select the Products to Install page, and then selecting a language from the drop-down list.

The following rules apply to language selection:

- Only one language can be chosen per installation session. Meaning, you cannot choose English for one product, then select German for another product during the same installation.
- Only one language can be chosen during deployment creation. One administrative image can contain deployments for different languages, but each deployment must be targeted for one language.
- If you are editing an existing deployment, or creating a new deployment using an existing deployment as a template, the language selection drop-down is disabled. The drop-down will only display the existing deployment's language.
- When a selected language is not supported, a default language will be chosen.

What is the Autodesk Material Library?

The Autodesk Material library is a shared library between Autodesk 2011 products such as Inventor, AutoCAD, Revit and 3ds Max. These components may already be installed if one of these applications is already installed on your computer. If you uninstall or remove a library, the library will no longer be available in any of the products.

There are 2 different parts to the Autodesk Material Library which are installed with Autodesk Inventor:

- **Autodesk Material Library 2011:** This is the library containing the material appearances used for Realistic Appearance in color styles. This component is installed by default and required for Autodesk Inventor to have full visual style and color style functionality. It is recommended you do not uninstall this component unless you are also uninstalling all Autodesk products that require this library.
- **Autodesk Material Library 2011 Base Image Library:** This contains low resolutions (approximately 512 x 512) for use with Autodesk Materials. This is installed by default.
- **(AutoCAD Mechanical only) Autodesk Material Library 2011 Medium Image Library:** This contains medium resolution (approximately 1024x1024) images for rendering materials in medium detail. This is for close-ups and for rendering objects at a large scale. This Library is an option available from the Select Products to Install page on the Installation Wizard.

NOTE The Autodesk Medium Library is not available in Autodesk Inventor. In the Select Products to Install dialog box, you have the option to install the medium resolution libraries for AutoCAD Mechanical.

The default install location for the Autodesk Material Libraries is a common files folder and cannot be changed.

If you uninstall or delete an Autodesk Material Library you must perform the following to reinstall and regain visual style and color style functionality:

- From the installer media, browse to and run: \MaterialLibrary \CM\ ProteinMaterials.msi

If you uninstall or delete the Autodesk Material Library 2011 Base Image Library you must perform the following to reinstall:

- From the installer media, browse to and run: \MaterialLibrary\CMIL\ BaseImageLibrary.msi

(AutoCAD Mechanical only) If you uninstall or delete the Autodesk Material Library 2011 Medium Image Library, you can reinstall directly from the installation media:

- 1 In the installation media, select Install.

- 2 In the Products to Install page, select Autodesk Material Library Medium Image Library.
- 3 Click the install button to install the libraries.

Image libraries size:

- Autodesk Material Library 2011 - Approximately 176 MB
- Autodesk Material Library 2011 Base Image Library - Approximately 255 MB
- (AutoCAD Mechanical only) Autodesk Material Library 2011 Medium Image Library - Approximately 600 + MB

Can I include Desktop Content libraries in my deployment?

Desktop Content libraries cannot be included in a deployment. The format of the libraries is different for the shared (Vault server) and single (Desktop Content) libraries. The Desktop Content libraries are not compatible in a shared environment. Desktop Content libraries are for users who work in a standalone environment.

To share content libraries across a network, you must install Content Center libraries and the Autodesk Vault server on a shared remote server:

In the Select Content Center Access Options dialog box, select Vault Server. Install the Vault Server and the content libraries from the Vault Server media onto the shared server.

NOTE For more details, refer to the Content Center Install Guide located on the Documentation page on the Autodesk Inventor media.

How do I remove an orphaned Language pack?

When you uninstall an Autodesk Inventor Beta release, the language pack may not fully be removed from your system. The Beta entry is removed in the Control Panel, but the language pack gets left behind. This prevents any future successful installations of Autodesk Inventor.

To resolve the problem, please use the following procedure to completely uninstall Autodesk Inventor 2011:

- 1 Download and install the Windows Installer CleanUp Utility from Microsoft: <http://support.microsoft.com/kb/290301>
- 2 Launch Windows Installer CleanUp Utility.
- 3 Remove the two Autodesk Inventor Professional 2011 entries. Delete the folder where Inventor was installed (default is C:\Program Files\Autodesk\Inventor 2011).
- 4 Remove the Autodesk shared folder only if Autodesk Inventor was the only product installed (default is C:\Program Files\Autodesk Shared).

What are the different Inventor products?

AutoCAD Inventor Suite 2011 is an AutoCAD Inventor Suite 2011 license and contains the Inventor base functionality.

AutoCAD Inventor Routed Systems Suite 2011 is an AutoCAD Inventor Routed Systems Suite 2011 license and adds Routed System functionality to the Inventor base functionality.

AutoCAD Inventor Simulation Suite 2011 is an AutoCAD Inventor Simulation Suite 2011 license and adds Simulation functionality to the Inventor base functionality.

AutoCAD Inventor Tooling Suite 2011 is an AutoCAD Inventor Tooling Suite 2011 license and adds Tooling functionality to the Inventor base functionality.

AutoCAD Inventor Professional Suite 2011 is an AutoCAD Inventor Professional Suite 2011 license and includes all available Inventor functionality in one license.

What are the differences between the default Inventor Application Options Settings and the AutoCAD related settings?

Option 1: *I would like to use the default Inventor settings.*

The default Application Options settings are installed.

Option 2: *I would like to use settings closely related to AutoCAD.*

This option provides a similar feel to the AutoCAD product. In addition, the Help home page is configured to provide you with quick access to the Help topics that get you started using Autodesk Inventor. There is an entire module dedicated to assist you during the transition and reduce your learning curve.

In Autodesk Inventor, in the Application Options dialog box, change any of the default settings to meet you and your company needs. When you finish configuring Application Options, click the Export button to save your customized settings in an .xml file.

NOTE Only available through the Deployment Wizard from the installer.

What is the UAC and how do I disable the UAC?

The UAC (User Account Control) is a security component of the Microsoft Windows Vista operating system. The UAC must be disabled to install Autodesk Inventor on a Vista operating system.

NOTE The UAC is also available in Microsoft Windows 7. Ensure the UAC setting in Windows 7 is set to its default setting (Never notify me) to prevent the UAC from interfering with installing Autodesk Inventor.

To disable the UAC:

- 1 Click the START button and in the search field enter MSCONFIG.
- 2 Click on the Tools tab and select Disable UAC.
- 3 Press the Launch button.
- 4 A CMD window will open. When the command is done, close the window.
- 5 Close MSCONFIG and reboot the computer to apply the change.

NOTE You can re-enable UAC by selecting Enable UAC and then clicking the Launch button.

Click [here](#) for information on user rights you need to install and run Autodesk Inventor.

What cannot be reversed after installation?

Select Preferences settings

During installation in the Select Preferences dialog box, you must specify your preferences for default measurement units, default drawing standard and whether to enable or disable part modification from within a drawing.

These settings cannot be reversed after installation of the product. To change the default for these settings you must uninstall and then reinstall Inventor.

License Type

The license type you specify during installation (Network or Standalone) can only be changed by uninstalling and then choosing a different license type when reinstalling Autodesk Inventor.

Language Type

The language type you specify can only be changed by uninstalling and then choosing a different language type when reinstalling Autodesk Inventor.

What can be reversed after installation?

After installation you can reverse any Application Options settings specified during installation in the Application Options dialog box in Autodesk Inventor.

You can also change the serial number and Product key you specified during installation after installation when you register your product with Autodesk.

What do I need to know about licensing?

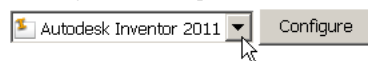
During Installation

You must specify the license type for each product you are installing. To specify the license type, in the Begin Installation dialog box, click the drop-down arrow to select a product and then click the Configure button.

Begin Installation

Review the settings below. If you do not want to make changes, click Install. If you want to modify these settings, use the Back button. If you want to make additional configuration changes, select the product from the drop-list list and click Configure.

Select a product to configure:



In the Select License Type dialog box, select Stand-alone or Network.

Select the License Type

- ☒ Stand-alone license
- ☐ Network license

IMPORTANT You must repeat these steps for each product you are installing.

After Installation (Autodesk Professional multi-seat users only)

After installation, you can verify from within Autodesk Inventor what type of license is being used and borrow a license:

- 1 Within Autodesk Inventor, click the Help button, and select About.
- 2 Select Product Information.

To consume a higher level license, select a Routed Systems or Simulation command. To reset licenses to the lowest available level, close and restart Inventor.

For in-depth information on licensing, refer to the *Licensing Guide*

How do I create custom settings to import?

How do I create custom Application Options settings?

You can manage your Application Options settings, by storing and applying settings as a named file. Application Options settings can be exported to an XML file, making them portable across computers and easily migrated to the next Autodesk Inventor release. Additionally, CAD Managers can use them to deploy a consistent set of user preferences for all users or specific groups.

In Autodesk Inventor, in the Application Options dialog box, change any of the default settings to meet you and your company needs. When you finish configuring Application Options, click the Export button to save your customized settings in an .xml file.

How do I create customization settings?

Create customization settings from the Customize dialog box in Autodesk Inventor. The Customize dialog box is accessed from the Tools tab and selecting Customize from the Options panel.

When you finish configuring options in the Customize dialog box, click the Export button to save your customized settings in an .xml file

How do I create ribbon customization settings?

Ribbon settings are defined in the Customize User Commands dialog box. Access the Customize User Commands dialog box by right-clicking on a command in the ribbon and selecting Customize User Commands from the context menu.

When you finish configuring options in the Customize User Commands dialog box, click the Export button to save your customized settings in an .xml file

What does the Icon Color Theme change in Inventor?

The Icon Color Theme changes the colors for the commands in the Ribbon, Quick Access Toolbar and the Navigation Bar to one of the following color themes:

Amber Theme



Cobalt Theme



Access the Icon Color Theme setting on the Colors tab in the Application Options dialog box. You can change your icon color theme within Inventor on the Colors tab in the Application Options dialog box

Can I change my icon color theme later if I change my mind?

You can change your icon color theme within Inventor on the Colors tab in the Application Options dialog box.

Amber Theme





What are Typical and Custom Installation Types?

Typical

A typical installation includes all Autodesk Inventor program files, and the Software Development Kit (SDK) for writing custom Autodesk Inventor applications.

Custom

Use the custom installation to choose whether to install the Software Development Kit (SDK) for writing custom applications for Autodesk Inventor.

The program files are required by Autodesk Inventor, and cannot be canceled.

Can I change the Installation path?

You can set the path where Autodesk Inventor is installed. The default installation path is C:\Program Files\Autodesk\Inventor 2011.

NOTE Do not rename the product folder, as Autodesk Inventor requires it for proper operation.

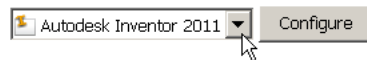
Where is the Configure button?

The Configure button is located in the Begin Installation dialog box. Click the drop-down arrow to select a product and then click the Configure button.

Begin Installation

Review the settings below. If you do not want to make changes, click Install. If you want to modify these settings, use the Back button. If you want to make additional configuration changes, select the product from the drop-list and click Configure.

Select a product to configure:



Configure the options for each product available from the drop-down list.

What are the Installation path length limitations?

Installation path length limitation

During the installation, it can be difficult to determine the number of visible characters in the destination file paths. Therefore, if you encounter an installation path length error, first attempt the following:

- Exit the Installation Wizard.
- Relocate the install source files to a folder with a shorter path.
- Rerun the Inventor setup.exe program.

If you continue to encounter the path length error, attempt the following:

- Return to the Review-Configure-Install page of the Installation Wizard.
- Click Configure.
- In the Select the Installation Type window, shorten the Product install path.
- Click Configuration Complete and continue through the Installation Wizard.

If you still encounter the path length error, contact Autodesk support for assistance.

Example - acceptable installation path

Source File Path (84 visible characters)

\\Inventor\\Install source path\\

Destination File (89 visible characters)

\Program Files\Inventor\I want to put Inventor here\Inventor.exe

Example - unacceptable installation path

Source File Path (127 visible characters)

\Inventor\Install source path\want to install from this path although the path length may be too long\we will find out shortly\

Destination File (138 visible characters)

\Program Files\Inventor\I want to put Inventor here as long as the file path does not exceed the operating system limitations\Inventor.exe

Product manuals

Documentation for Autodesk products is delivered in two different formats: PDF and CHM.

PDF files related to installation are made available during installation, accessed by clicking the Documentation link in the Installer. CHM files are available after the product is installed; accessed by using the Help system from within the product. The PDF product manuals are also copied to the Program Files\Autodesk\Inventor 2011\Help folder

Repair/Reinstall/Uninstall: Frequently Asked Questions (FAQ)

When should I reinstall the product instead of attempting a repair?

Reinstall your product if you accidentally delete or alter files that are required by the program. Missing or altered files adversely affect the performance of your product and cause error messages when you try to execute a command or find a file.

If an attempt to repair an installation fails, reinstalling is the next best option.

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.

When I uninstall my software, what files are left on my system?

If you uninstall the product, some files remain on your system such as files you have created or edited.

Your license file also stays on your workstation when you uninstall your product. If you reinstall on the same workstation, the license information remains valid and you do not have to reactivate the product.

Add/Remove Features: Frequently Asked Questions (FAQ)

When adding or removing features, how can I tell what features were previously installed?

To see what features were previously installed, click the Restore Defaults button on the Add/Remove Features page.

Can I change the installation folder when adding or removing features?

No. Once your product is installed, you cannot change the installation path from the Add/Remove Features page. Changing the path while adding features would result in program corruption, so it is not an option.

Will I need to reactivate my product after adding or removing features?

Since your license file stays on your workstation when you add or remove features, the license information remains valid. You are not required to reactivate the product.

Tools and Utilities: Frequently Asked Questions (FAQ)

When installing tools and utilities, which selections are applicable for a multi-seat stand-alone installation?

Since a multi-seat stand-alone licensed product does not rely on a license server to manage or activate the license, the only beneficial tool is the Autodesk CAD Manager tool.

You need the CAD Manager tool to change CAD Manager Channels.

When installing tools and utilities, which selections are suitable for a stand-alone installation?

The Autodesk CAD Manager tool is the only tool that is beneficial to a stand-alone licensed product. The CAD Manager tool lets you modify CAD Manager Channels.

What is the difference between a stand-alone license and a network license?

Stand-alone licensed products are registered and activated to an individual workstation. While the software can be installed on multiple systems in your facility, the license only allows one system to be operational. To run more systems, purchase more stand-alone licensed products, or consider converting to network licenses.

Network licensed products rely on the Network License Manager to track software licenses. The software can be installed and run on multiple systems, up to the maximum number of licenses you purchased. The Network License Manager “checks out” licenses until they are all in use. No further systems can run the program until a license is “checked in.” To run more systems, purchase additional licenses for the Network License Manager to maintain.

A multi-seat stand-alone licensed version is available that does not rely upon servers to maintain licenses. Multi-seat stand-alone licensing means that each installation of your product uses a single serial number for registration and activation.

What is the benefit of using a network licensed version of the software?

Network licensed products are recommended for large drafting/design facilities, classrooms, and lab environments. The main advantage is that you can install products on more systems than the number of licenses you purchased. (For example, purchasing 25 licenses but installing on 40 workstations). At any one time, products run on the maximum number of systems for which you have licenses. You get a true floating license. If software must run on more systems, purchase additional licenses.

Registration and activation occurs only once and the licenses are maintained on your Network License Server.

Alternatively, you can install multi-seat stand-alone products on the maximum number of systems that the license allows. For example, you purchase a multi-seat stand-alone license for 25 seats and have 30 systems at your facility that can communicate over the Internet. Even though you can install software on all 30 systems, only the first 25 systems you start have their licenses activated. Because the licenses are tied to each specific system, the remaining five systems can never run the software unless you purchase an additional five licenses.

Migration - Product settings

You can import your customization files from previous versions of Autodesk Inventor into Autodesk Inventor 2011.

If this is a stand-alone installation, you can do the following after installation within Autodesk Inventor

- Import an xml file containing your exported xml application options settings
- Import an xml file containing your exported customization settings
- Import an xml file containing your exported ribbon customization settings

During a deployment installation, you can also do the above during installation through the deployment Configurations options.

Service Packs: Frequently Asked Questions (FAQ)

Where do I check for service packs?

To find out if a service pack is available, visit the *Autodesk Product Support page*

What happens when I Append and Merge?

When you append a service pack, the service pack is applied to the current deployment only. Multiple service packs can be appended to a deployment. The service pack file is included in the deployment and the service pack is applied after the product is deployed.

When you merge a service pack, the service pack is merged into the administrative image. Once merged, a service pack cannot be removed from the admin image. Multiple service packs can be included in single admin image.

You can choose to append or merge service packs from the Include Service Packs page when creating a deployment.

What is an administrative image MSI file?

An administrative image is a collection of shared file resources created during the deployment process. It is used by deployments to install the program to networked workstations. Service packs (patches) can be applied to an administrative image when you create the deployment. A .msi file is a Microsoft Installer file.

InfoCenter: Frequently Asked Questions (FAQ)

What are Information Channels?

Use the Communication Center component of InfoCenter to receive announcements from various information channels. Through information channels, you can receive the following:

- Product Support information, including maintenance patch notifications.
- Subscription Center announcements and subscription program news, as well as links to e-Learning Lessons, if you are an Autodesk subscription member.
- Notifications of new articles and tips posted on Autodesk Web sites.

What benefit does the CAD Manager Channel offer me?

CAD Manager Channels allow access to Internet-based content and information feeds from a specified feed location.

What are RSS feeds and what are their benefits?

An RSS feed is a live link you initiate by subscribing to a Web site. Once subscribed, the primary benefit is a constantly updating stream of content that is delivered to your system in the form of summarized articles, forum threads, blog posts, and so on. RSS stands for Rich Site Summary (or Really Simple Syndication).

Online Resources: Frequently Asked Questions (FAQ)

Can Online Resource settings be modified later?

Yes. If you want to change the state of online resources after a product is installed, you can do that from the CAD Manager Control utility.

What is Subscription Center?

Subscription Center provides Autodesk subscription members access to resources such as e-Learning (self-paced, interactive lessons) and Web support (where customers can submit technical questions online to Autodesk support staff).

You can determine whether users who are entitled to subscription resources can access them by using Help and clicking a Subscription resource. Users who do not have such access can still learn about subscription resources by

using the same option on the Help menu. You can also enable or disable Subscription Center access from the CAD Manager Control utility.

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