

# **OBJ Import for AutoCAD Help**

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# OBJ Import for AutoCAD Help

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Welcome to *OBJ Import for AutoCAD* Help!

This help file provides all the information you need to understand and use *OBJ Import for AutoCAD*. Click the links below or use the Contents tab on the left to browse help topics. You can also scroll the topics on the above right hand pane.

The *OBJ Import for AutoCAD* help file is divided into the following sections:

- [Introduction](#) - Introduction to *OBJ Import for AutoCAD*.
- [Command Reference](#) - Quick reference of all the commands added by *OBJ Import for AutoCAD*.
- [Tutorial](#) - Tutorial to get you started in the shortest possible time.

If you need any additional information please [contact](#) SYCODE.

**Note:**

- Please refer to the section "Loading Instructions" in the [ReadMe](#) file to load *OBJ Import for AutoCAD* plug-in file into the AutoCAD environment.
- Please read the [License Agreement](#) before using the software.

# Introduction

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*OBJ Import for AutoCAD* is a Wavefront (.obj) file import plug-in for AutoCAD®. This plug-in gives AutoCAD the ability to import geometric data from ASCII and Binary OBJ files.

*OBJ Import for AutoCAD* reads polygon mesh data stored in OBJ files and imports it into AutoCAD. A polygon mesh in an OBJ file is comprised of a set of triangular/quad faces. *OBJ Import for AutoCAD* recreates the polygon meshes in an OBJ file inside the active AutoCAD drawing. The model can be recreated as set of points, lines, polylines, 3D faces or a polyface mesh.

*OBJ Import for AutoCAD* is designed to work with the following versions of AutoCAD:

- AutoCAD 2011 (32 & 64 Bit)
- AutoCAD 2010 (32 & 64 Bit)
- AutoCAD 2009 (32 & 64 Bit)
- AutoCAD 2008 (32 & 64 Bit)
- AutoCAD 2007
- AutoCAD 2006
- AutoCAD 2005
- AutoCAD 2004
- AutoCAD 2002
- AutoCAD 2000i
- AutoCAD 2000

*OBJ Import for AutoCAD* is very easy to use. Once installed, it must be loaded into the AutoCAD environment. There are simple instructions for this in the [ReadMe](#) file. Once loaded it adds new commands to AutoCAD's existing commands and a new submenu called "OBJImport" to the AutoCAD menu containing these newly added commands.

*OBJ Import for AutoCAD* comes with detailed documentation as well as a [tutorial](#) to get you started in the shortest possible time.

If you need any additional information please [contact](#) SYCODE.

## **The OBJ File Format**

The OBJ file format is a geometry definition file format first developed by Wavefront Technologies for its Advanced Visualizer animation package. The file format is open and has been adopted by other 3D graphics application vendors, making it a universally accepted geometry file format. The OBJ file format is a simple data format that represents 3D geometry alone - namely, the position of each vertex, the texture coordinate associated with a vertex, the normal at each vertex, and the faces that make each polygon.

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## ReadMe

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This is the *OBJ Import for AutoCAD* ReadMe file.

Thank you for installing OBJ Import for AutoCAD.

Please read this ReadMe document carefully and completely. It contains important information which is vital to the proper working of OBJ Import for AutoCAD.

Loading Instructions:

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Since OBJ Import for AutoCAD is a plug-in for AutoCAD, it has to be loaded into the AutoCAD environment before it can be used. Loading is a one time process. OBJ Import for AutoCAD will automatically load itself into AutoCAD the next time you run AutoCAD.

The OBJ Import for AutoCAD plug-in files are installed into the OBJ Import for AutoCAD installation folder (typically "C:\Program Files\SYCODE\OBJ Import for AutoCAD\"). The plug-in files have an extension of ".arx".

The list of plug-in files along with the version of AutoCAD is shown below. Please be sure to use the plug-in file that corresponds to your version of AutoCAD.

OBJImport\_VC60.arx -> AutoCAD 2000, 2000i, 2002  
OBJImport\_VC70.arx -> AutoCAD 2004, 2005, 2006  
OBJImport\_VC80.arx -> AutoCAD 2007, 2008 (32 Bit), 2009 (32 Bit)  
OBJImport\_VC80x64.arx -> AutoCAD 2008 (64 Bit), 2009 (64 Bit)  
OBJImport\_VC90.arx -> AutoCAD 2010 (32 Bit)  
OBJImport\_VC90x64.arx -> AutoCAD 2010 (64 Bit)  
OBJImport\_VC90.arx -> AutoCAD 2011 (32 Bit)  
OBJImport\_VC90x64.arx -> AutoCAD 2011 (64 Bit)

To load OBJ Import for AutoCAD into AutoCAD please follow the steps listed below:

- (1) Select "Load Application..." from "Tools" menu or enter the "\_APpload" command.
- (2) Click the "Contents" button in "Startup Suite"
- (3) Click the "Add" button.
- (4) Browse for the plug-in file for your version of AutoCAD (see list above).
- (5) Click the "Add" button on the Add File to Startup Suite dialog box.
- (6) Click the "Close" button to close the Startup Suite dialog box.
- (7) Click the "Close" button to close the Load/Unload Applications dialog box.

Now OBJ Import for AutoCAD is completely installed and ready for use.

### Usage:

=====

OBJ Import for AutoCAD adds new commands to AutoCAD. The commands added are:

- 1) OBJImport - Imports an OBJ file
- 2) OBJImportHelp - Displays the OBJ Import for AutoCAD help file
- 3) OBJImportRegister - Registers your copy of OBJ Import for AutoCAD
- 4) OBJImportAbout - Displays the OBJ Import for AutoCAD about box

### Sample Files:

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Sample OBJ files are copied into the Samples folder which is located in the OBJ Import for AutoCAD installation folder (typically "C:\Program Files\SYCODE\OBJ Import for AutoCAD\"). You can try OBJ Import for AutoCAD using these sample files.

### Support:

=====

For support, please E-Mail [support@sycode.com](mailto:support@sycode.com)

## Contact

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Mailing address	S1/116, Nova Cidade Complex, NH 17, Alto Porvorim, Goa - 403521 India
Phone	+91 9822689298
Fax	+91 832 2416615
E-Mail	<a href="mailto:info@sycode.com">info@sycode.com</a>
Web Site	<a href="http://www.sycode.com">http://www.sycode.com</a>

# Command Reference

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*OBJ Import for AutoCAD* adds new commands to AutoCAD and a submenu called *OBJImport* which houses them. The new commands are:

<a href="#">OBJImport</a>	Imports a OBJ file
<a href="#">OBJImportHelp</a>	Displays the <i>OBJ Import for AutoCAD</i> help file
<a href="#">OBJImportRegister</a>	Register your copy of <i>OBJ Import for AutoCAD</i>
<a href="#">OBJ ImportAbout</a>	Displays the <i>OBJ Import for AutoCAD</i> about box

## OBJImport

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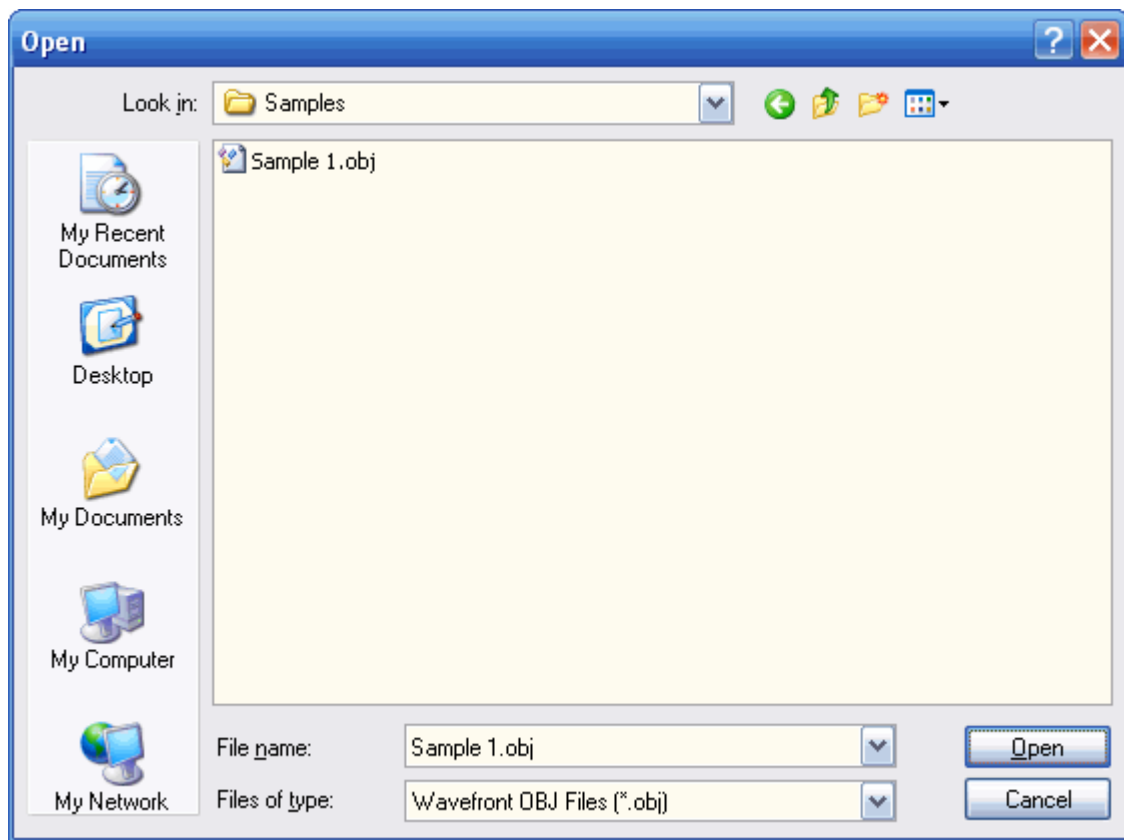
<b>Menu Button</b>	OBJImport > Import
<b>Command</b>	OBJImport

---

This command imports geometric data from ASCII and Binary OBJ files into AutoCAD.

### To import a OBJ file

1. Select *Import* from the "OBJImport" menu or type *OBJImport* at the AutoCAD command prompt and press Enter.
2. The AutoCAD "Open" dialog box is displayed. Browse for the OBJ file you wish to import and click *Open*.



3. The "OBJ Import for AutoCAD Options" dialog box is displayed. Set the options as required and click *OK*.

**Note:**

- An AutoCAD polyface mesh cannot contain more than 32,767 vertices and/or faces. If you select to import the OBJ model as a polyface mesh and if it exceeds this limit then *OBJ Import for AutoCAD* will import the model as a set of 3D faces. This is a limitation of AutoCAD and not of *OBJ Import for AutoCAD*.

## OBJImportHelp

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<b>Menu Button</b>	OBJImport > Help
<b>Command</b>	OBJImportHelp

---

This command displays the help file. The [Welcome](#) page is a good place to start.

## OBJImportRegister

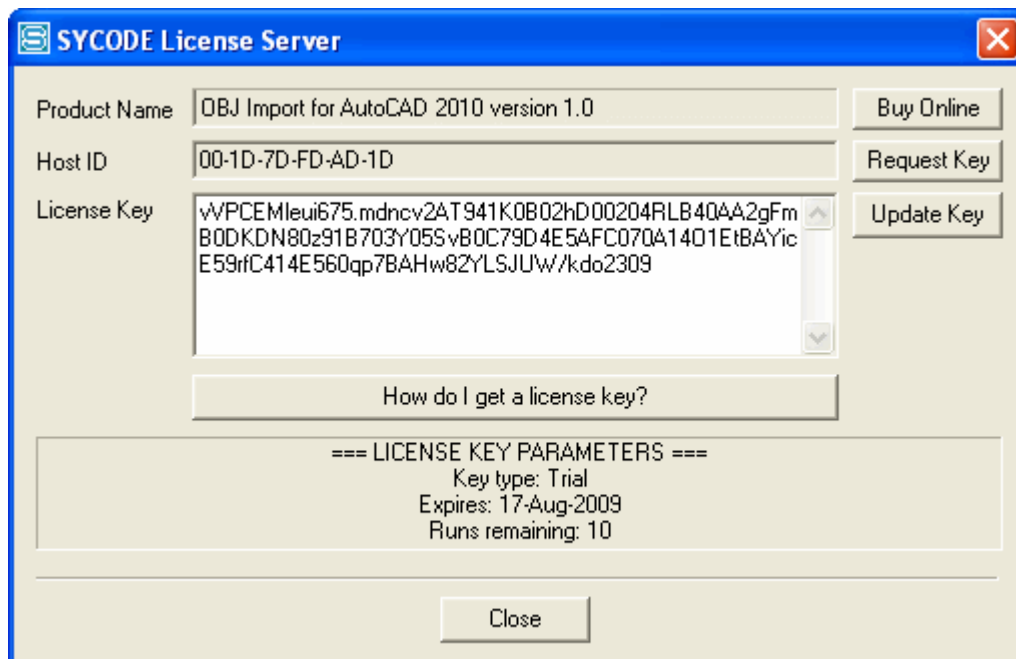
---

<b>Menu Button</b>	OBJImport > Register
<b>Command</b>	OBJImportRegister

---

This command used to register your copy of *OBJ Import for AutoCAD*.

You need a license key to start using the software. A license key can be of two types: Trial or Permanent. A trial key is issued to you instantly and completely free of cost so that you may try the software before you purchase a license. A permanent key is issued after you have purchased a license.



### How do I get a Trial Key?

Simply click the 'Request Key' button and select 'TRIAL KEY' as the type of key being requested. Fill the form and submit it. A trial key will be immediately sent to you by email.

### How do I get a Permanent Key?

To get a permanent key you need to have already purchased a license. If you have not yet purchased a license you can do so by clicking the 'Buy Online' button. After you place your order click the 'Request Key' button and select 'PERMANENT KEY' as the type of key being requested. Fill the form and submit it. Your order will be verified and a permanent key will be sent to you by email within one business day.

### IMPORTANT:

(1) Please ensure that your computer is connected to the internet before you request for a

## OBJ Import for AutoCAD Help

key.

(2) Please be sure to enter a valid email address as the key will be sent to you by email.

(3) To avoid disruption in your work-flow we urge you to place your order before the trial period ends.

If you need anything else please send an email to [register@sycode.com](mailto:register@sycode.com)

## OBJImportAbout

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<b>Menu Button</b>	OBJImport > About
<b>Command</b>	OBJImportAbout

---

This command is used to display the *OBJ Import for AutoCAD* About box. The About box lists the software and its version.



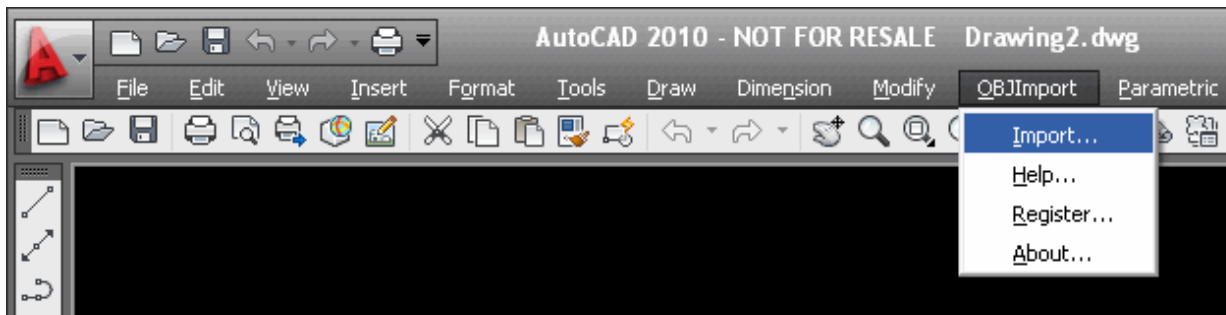
# Tutorial

---

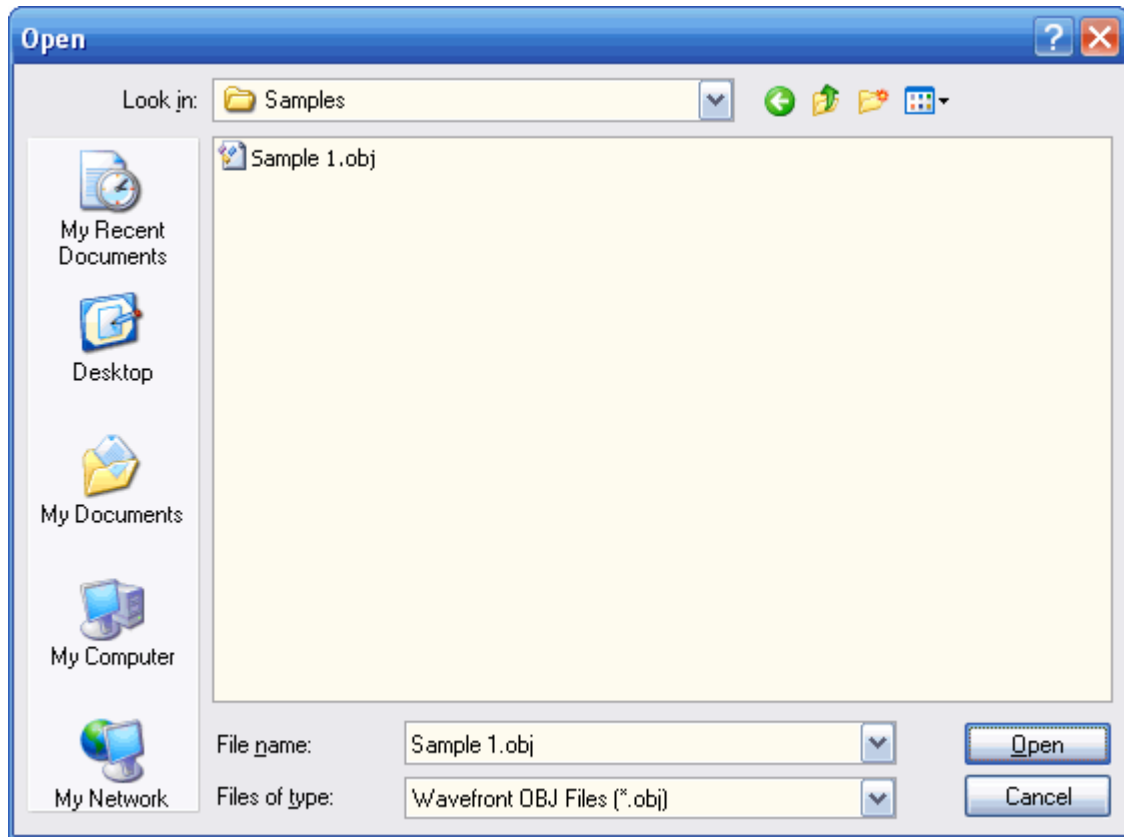
This tutorial provides the necessary information and hands-on experience to help you get started with *OBJ Import for AutoCAD*.

**Step 1:** Start AutoCAD.

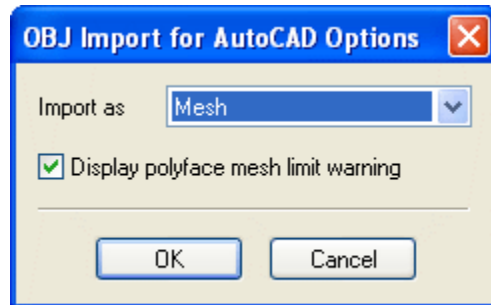
**Step 2:** Select *Import* from the "OBJImport" menu or type *OBJImport* at the AutoCAD command prompt and press *Enter*.



**Step 3:** The AutoCAD "Open" dialog box is displayed. Browse for the file C:\Program Files\SYCODE\OBJ Import for AutoCAD\Samples\Sample 1.obj and click *Open*.



**Step 4:** The "OBJ Import for AutoCAD Options" dialog box is displayed. Set the options as required and click *OK*.



The figure below shows the final result.

