

Points Export for AutoCAD Help

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Points Export for AutoCAD Help

Welcome to *Points Export for AutoCAD* Help!

This help file provides all the information you need to understand and use *Points Export 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 *Points Export for AutoCAD* help file is divided into the following sections:

- [Introduction](#) - Introduction to *Points Export for AutoCAD*.
- [Command Reference](#) - Quick reference of all the commands added by *Points Export 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 *Points Export for AutoCAD* plug-in file into the AutoCAD environment.
- Please read the [License Agreement](#) before using the software.

Introduction

Points Export for AutoCAD is a Point Text file export plug-in for AutoCAD®. This plug-in gives AutoCAD powered applications and the ability to export point data to text files.

Points Export for AutoCAD reads point objects in an AutoCAD drawing and writes it out to a text file in the XYZ to YXZ format. The point coordinates can be delimited by standard delimiters such as comma, space, tab, semicolon or a custom delimiter. *Points Export for AutoCAD* can also extract points from other objects such as end points of curves, centers of circles/arcs/ellipses, vertices of polylines, meshes, etc. Apart from writing out a text file containing the point coordinates, *Points Export for AutoCAD* can even create point objects corresponding to the coordinates in the current drawing.

Points Export 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

Points Export 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 "PointsExport" to the AutoCAD menu containing these newly added commands.

Points Export 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 Points File Format

A Point file format is basically a text file containing the x, y and z coordinates of a point on each line. Usually the coordinates are stored in the XYZ. However, points are sometimes stored in the YXZ order. This is common in survey data where the YXZ order is referred to Northing, Easting and Elevation. Here is an example of a point file with points stored in the XYZ order.

```
5.678232,3.282384,6.112837
```

7.802343,6.792039,2.489561

2.454512,7.453219,3.454865

... and so on

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ReadMe

This is the *Points Export for AutoCAD* ReadMe file.

Thank you for installing Points Export for AutoCAD.

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

Loading Instructions:

=====

Since Points Export 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. Points Export for AutoCAD will automatically load itself into AutoCAD the next time you run AutoCAD.

The Points Export for AutoCAD plug-in files are installed into the Points Export for AutoCAD installation folder (typically "C:\Program Files\SYCODE\Points Export 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.

```
PointsExport_VC60.arx    -> AutoCAD 2000, 2000i, 2002
PointsExport_VC70.arx    -> AutoCAD 2004, 2005, 2006
PointsExport_VC80.arx    -> AutoCAD 2007, 2008 (32 Bit), 2009 (32 Bit)
PointsExport_VC80x64.arx -> AutoCAD 2008 (64 Bit), 2009 (64 Bit)
PointsExport_VC90.arx    -> AutoCAD 2010 (32 Bit)
PointsExport_VC90x64.arx -> AutoCAD 2010 (64 Bit)
PointsExport_VC90.arx    -> AutoCAD 2011 (32 Bit)
PointsExport_VC90x64.arx -> AutoCAD 2011 (64 Bit)
```

To load Points Export 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 Points Export for AutoCAD is completely installed and ready for use.

Usage:

Points Export for AutoCAD Help

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Points Export for AutoCAD adds new commands to AutoCAD. The commands added are:

- 1) PointsExport - Exports a Points file
- 2) PointsExportHelp - Displays the Points Export for AutoCAD help file
- 3) PointsExportRegister - Registers your copy of Points Export for AutoCAD
- 4) PointsExportAbout - Displays the Points Export for AutoCAD about box

Sample Files:

=====

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

Support:

=====

For support, please E-Mail support@sycode.com

Contact

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Fax	+91 832 2416615
E-Mail	info@sycode.com
Web Site	http://www.sycode.com

Command Reference

Points Export for AutoCAD adds new commands to AutoCAD and a submenu called "PointsExport" which houses them. The new commands are:

PointsExport	Exports a Point file
PointsExportHelp	Displays the <i>Points Export for AutoCAD</i> help file
PointsExportRegister	Registers your copy of <i>Points Export for AutoCAD</i>
PointsExportAbout	Displays the <i>Points Export for AutoCAD</i> about box

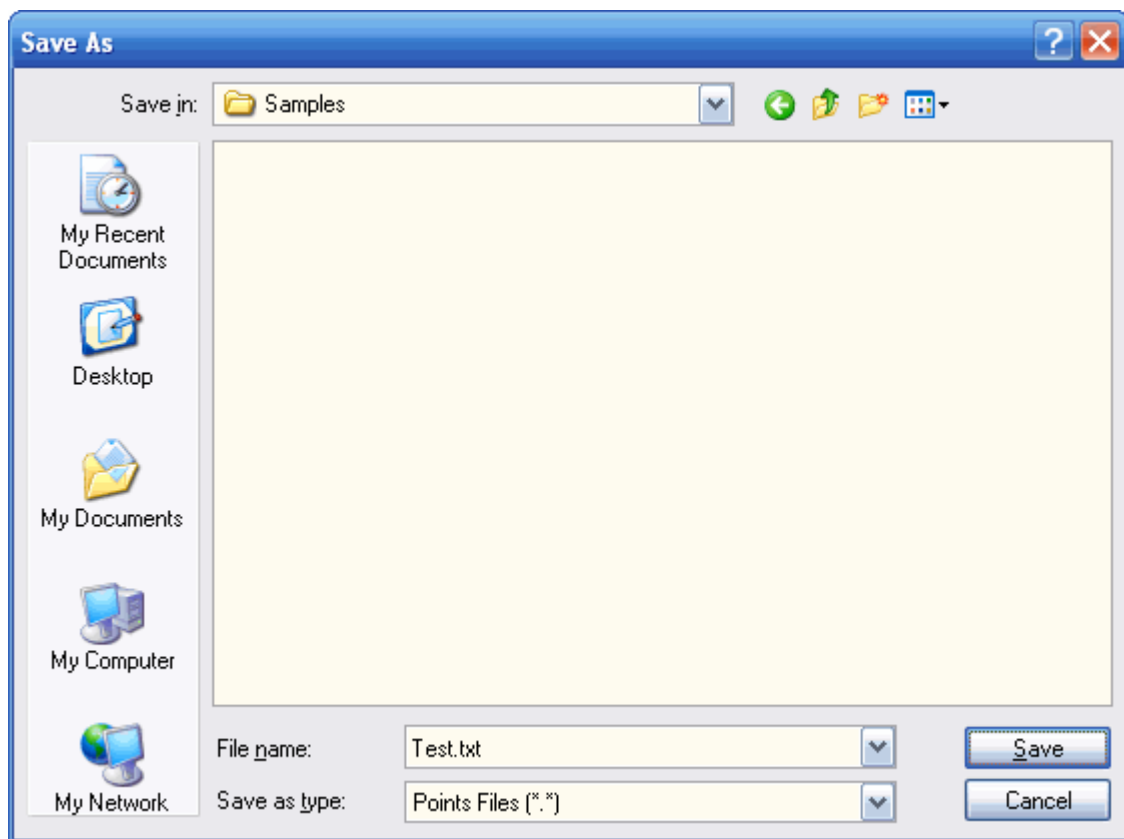
PointsExport

Menu Button	PointsExport > Export
Command	PointsExport

This command exports geometric data from AutoCAD to ASCII and Binary Point files.

To Export a Point file

1. Select *Export* from the "PointsExport" menu or type *PointsExport* at the AutoCAD command prompt and press *Enter*.
2. At the AutoCAD "Select objects" prompt, select the objects that you wish to export. Press *Enter* when done.
3. The AutoCAD "Save As" dialog box is displayed. Enter the name of a Point file and click *Save*.



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4. The "Points Export for AutoCAD Options" dialog box is displayed. Set the options as desired and click *OK*.

PointsExportHelp

Menu Button	PointsExport > Help
Command	PointsExportHelp

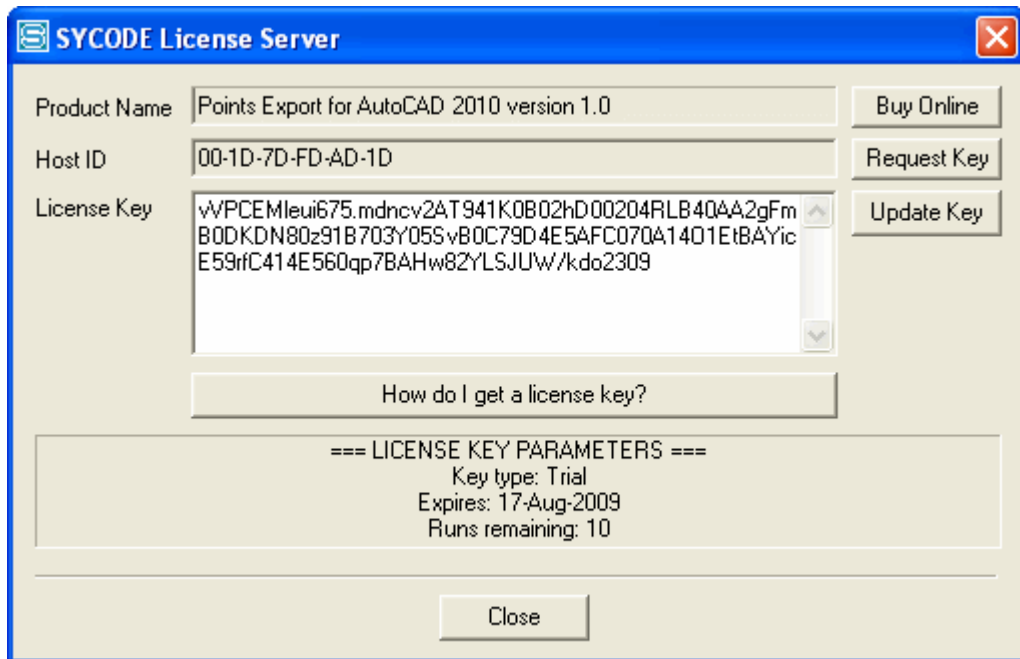
This command displays the help file. The [Welcome](#) page is a good place to start.

PointsExportRegister

Menu Button	PointsExport > Register
Command	PointsExportRegister

This command is used to register your copy of *Points Export 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

key.

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

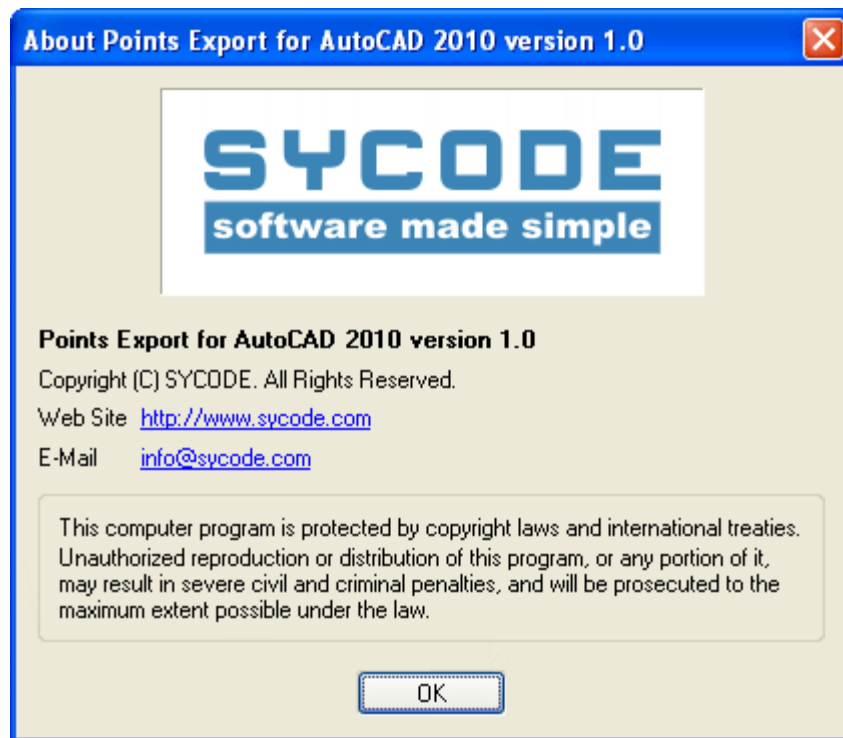
(3) To avoid disruption in your work-flow we urge you to place your order before the trial period ends.

If you need anything else please send an email to register@sycode.com

PointsExportAbout

Menu Button	PointsExport > About
Command	PointsExportAbout

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



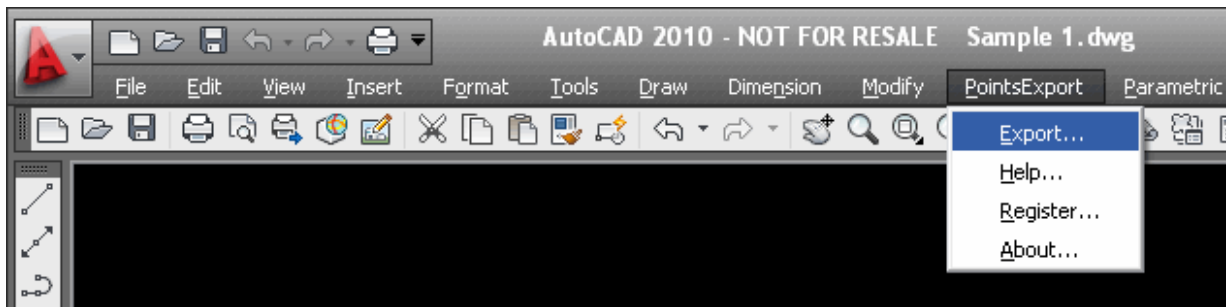
Tutorial

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

Step 1: Start AutoCAD.

Step 2: Select "Open" from the AutoCAD file menu. The "Select File" dialog box is displayed. Browse for the file typically located at "C:\Program Files\SYCODE\Points Export for AutoCAD\Samples\Sample 1.dwg" and click *Open*.

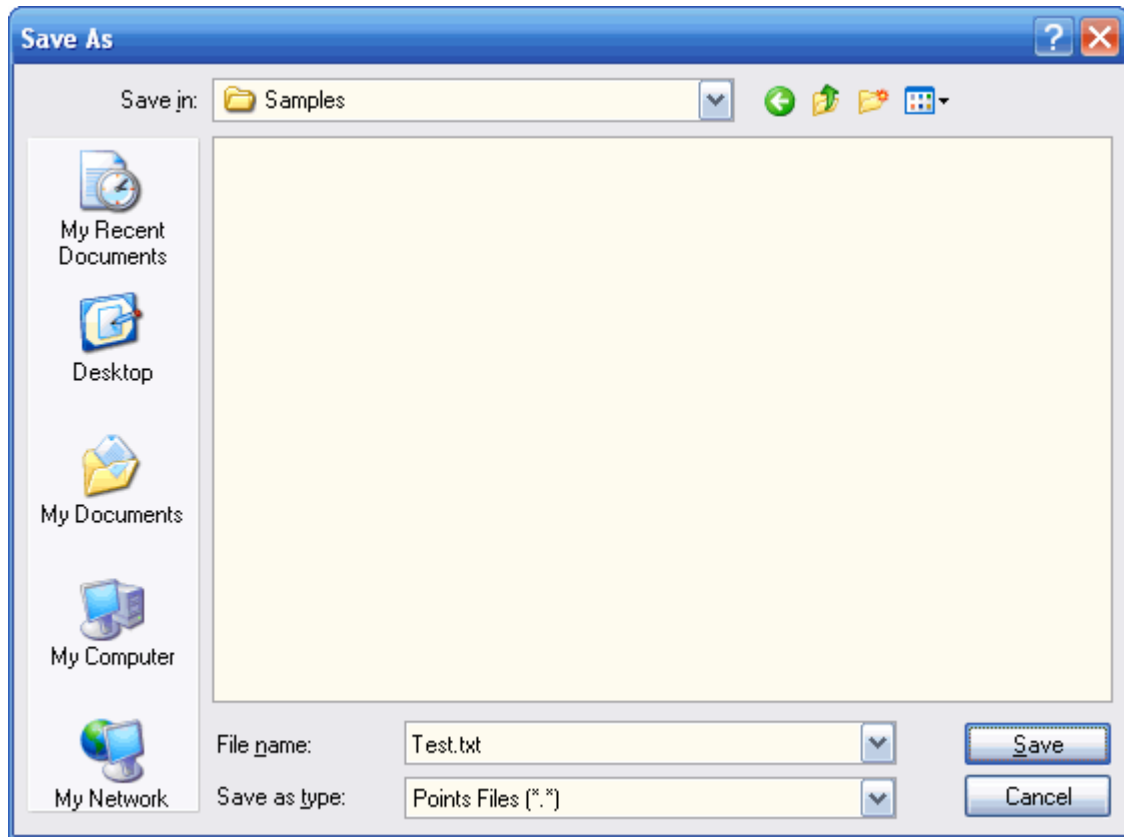
Step 3: Select *Export* from the "PointsExport" menu or type *PointsExport* at the AutoCAD command prompt and press *Enter*.



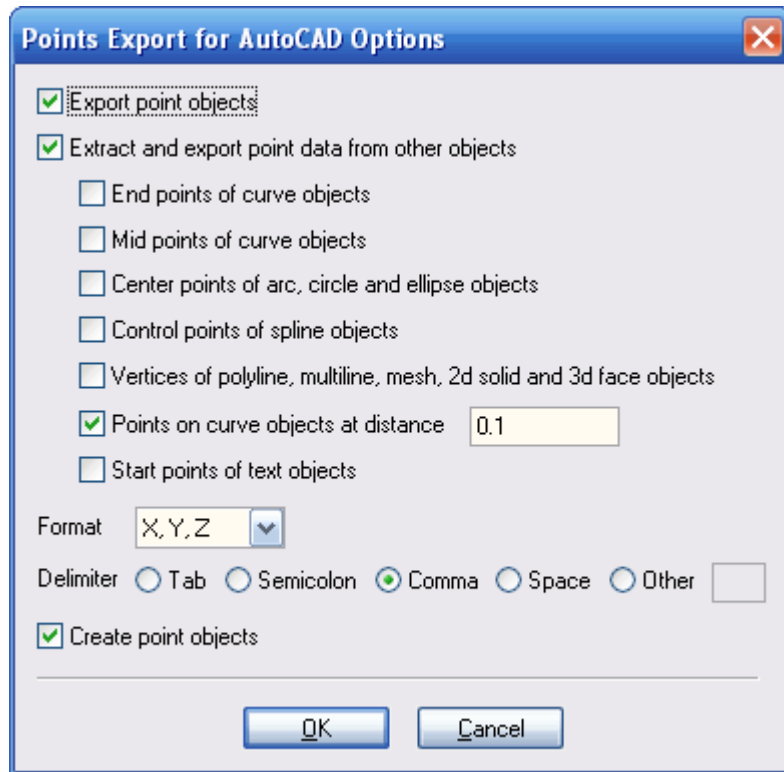
Step 4: At the AutoCAD "Select objects" command prompt, select the objects you wish to export. Press *Enter* when done.

Step 5: The AutoCAD "Save As" dialog box is displayed. Enter the name of a Point file and click *Save*.

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Step 6: The "Points Export for AutoCAD Options" dialog box is displayed. Set the options as required and click OK.



The model will be exported to the Points file you specified.