



Importers Build 840 Release Notes

October 1, 2004

Importers Released

- ActAutoCAD (Up to AutoCAD® 2005 DXF/DWG/DWF)
See "Known Issues" below for important information about the ActAutoCAD importer.
- ActHPGL (All HPGL versions)
- CATIA v4 (Export: from v3.2.5 to v4.x.x; Model: from v4.1.1 to v4.x.x)
- CGM (All versions)
- SAT (Up to v13)
- Solid Edge (Up to v16)
- TIFF

Introduction

The release of SpinFire Professional 2004v2 introduces the **Actify Importing Architecture (AIA)** for the importing of 2D drawings. The Build 840 importers take advantage of the following AIA features:

AIA Features

- 2D drawings are imported as vector data in a 2D document in the .3D WorkSpace.
- Multi-page drawings will have each page imported into a separate document in the WorkSpace.

Limitations

- Build 840 or later importers may only be used with SpinFire Professional 2004v2 or later. Build 840 or later importers cannot be installed on earlier versions of SpinFire Professional.
- Build 840 or later importers cannot be used with Actify Server or the SFStorage SDK (Build 830 or earlier). Future versions of Actify Server and SFStorage will offer support for Build 840 or later importers.
- Build 840 or later importers cannot be installed on SpinFire Professional 2004v2 if the Importer Engine Service is detected on a computer. (The Importer Engine Service is a Windows service used to set up publishing hosts for Actify Server and the SFStorage SDK.)

New Configuration Filter Options

These options apply to **CATIA 4**:

- **Import Models In Separate Documents**—If a file contains multiple 3D models, each model will be imported into a separate 3D document in the WorkSpace.
- **Import Models In One Document**—If a file contains multiple 3D models, all the models will be imported into a single 3D document in the WorkSpace.

Improvements/Bug Fixes

- **All Importers:** Actify Importing Architecture (AIA) implemented. (See "Introduction" above.)

- **ActAutoCAD:** Supports AutoCAD up to version 2005.
- **CATIA:** (3D) Problem of missing layers when the “Import Layers in different parts option” was selected has been fixed.
- **CATIA:** (3D) Problem reading hidden entities has been fixed.
- **CATIA:** (2D) Problem with display of 2D borders has been fixed.
- **CGM:** Added support for filled area and embedded raster images and text.
- **SAT:** Supports up to v13. Importing of SAT files is now done by the SAT importer and not the Autodesk importer.
- **Solid Edge:** Support extended to v16.
- **TIFF:** Black and white images that are one bit per pixel will have the raster image converted to vector data.

Known Issues

- **ActAutoCAD:** DWF drawings will be imported out of scale.
- **CGM:** Drawings will be scaled to fit a Letter-sized (8.5 x 11 inch) page.
- **The new ActAutoCAD importer and Mechanical Desktop support**

The new ActAutoCAD importer (Build 840) offers the support for AutoCAD DXF/DWG/DWF files that the earlier Autodesk importer (Build 703) had provided.

When SpinFire Professional 2004v2 is installed, the earlier (pre-840) Autodesk importer will appear to be uninstalled. When a user then tries to open a DXF, DWG, or DWF file with SpinFire Professional, a dialog box will ask the user to install the latest version of the ActAutoCAD importer (Build 840). A user may also install the latest version of the importer from the Configuration page of SpinFire Professional.

The earlier Autodesk importers supported .dwg files created by both AutoCAD (up to version 2002) and Mechanical Desktop (up to version 2002). **The new ActAutoCAD importer (Build 840) does not support 3D files created with any version Mechanical Desktop.** (2D files created by Mechanical Desktop are supported by the ActAutoCAD Build 840 importer.)

If a user needs to view 3D Mechanical Desktop files with SpinFire Professional 2004v2, he or she will need to uninstall the ActAutoCAD Build 840 importer and install the earlier version of the Autodesk importer (Build 703).

In future releases, importers that fully support both AutoCAD and Mechanical Desktop will be able to co-exist on the same computer.

To support 3D Mechanical Desktop files with SpinFire Professional 2004v2:

1. If the ActAutoCAD (Build 840) importer has been installed, uninstall it.
 - a. In Windows, go to **Start > Control Panel > Add/Remove Programs**.
(Or Start > Settings > Control Panel > Add/Remove Programs in some versions of Windows)
 - b. Click **Actify AutoCAD(TM) Importer**.
 - c. Click **Change/Remove**.

This opens the Select Uninstall Method dialog box.
 - d. Make sure **Automatic** is selected and click **Next**.
 - e. If asked to perform a rollback, select **No** and click **Next**.
 - f. Click **Finish**.

- g. If asked to remove a shared component, click **No**.
2. Install the Autodesk Build 703 importer.
 - a. Go to <http://www.actify.com/v2/downloads/Download-now-parts.html>.

From this page you may install the previous version of the Autodesk importer.
 - b. Find the listing for **Autodesk**.
 - c. Select **Build 703** from the drop-down menu and click **Go**.

This opens the download file dialog box.
 - d. Click **Open**.

This opens the installation wizard.
 - e. Click **Next**.
 - f. Click **Finish**.

A dialog box will ask you if you want to re-start your computer. You must restart your computer before you can use the newly installed importer.

Additional Notes

- **ActAutoCAD:** The ActAutoCAD importer does not imports SAT files. There is now a separate SAT importer.