Importers Build 902 Release Notes

January 17, 2005

Importers Released

- ActAutoCAD
- CATIA V4
- STEP

Version Support & Windows Compatibility

Importer	Version Support	Windows Compatibility
ActAutoCAD	Up to AutoCAD® 2005	NT, 2000, 2003, XP
CATIA V4	Export: from v3.2.5 to v4.x.x; Model: from v4.1.1 to v4.x.x	NT, 2000, 2003, XP
STEP	AP203, AP214	NT, 2000, 2003, XP

Improvements/Bug Fixes

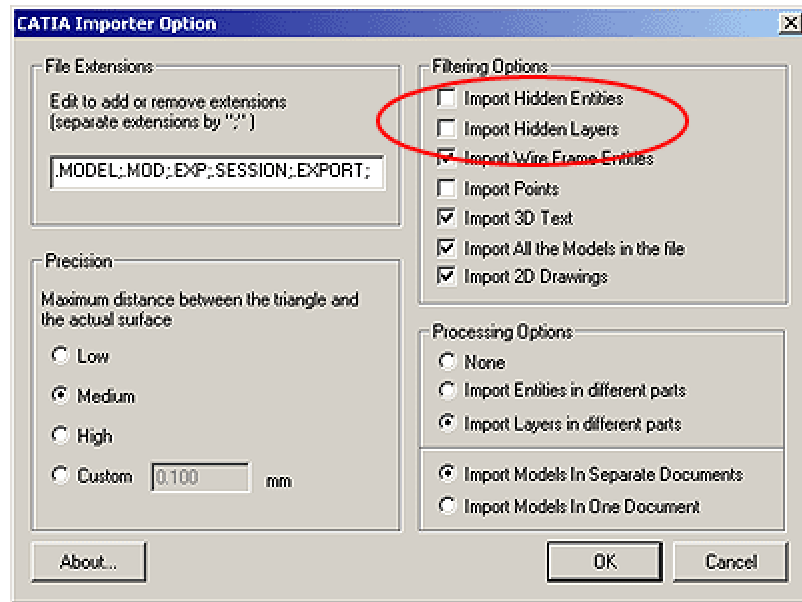|	
ActAutoCAD DWG	• Paper size fits to drawing correctly. • XRefs are correctly supported. • 3D models are correctly imported, including ones from Mechanical Desktop®. • Multiple viewports, non-polygonal viewports, and clipping are supported. • Installation of this importer also installs the SAT importer.
CATIA V4 2D	• Drawings are no longer missing. • Text and dimensioning size is correct. • GD&T is fully supported, but the Autodesk Inventor GD&T font must be installed. This font can be downloaded for free from the Autodesk Web site: http://usa.autodesk.com/adsk/servlet/ps/dl/item?siteID=123112&id=2522915&linkID=4183232
CATIA V4 3D	• When multiple entities are present, the importer no longer creates a separate layer for each entity. Instead, the entities are included on the same part/layer. • Face color information is handled correctly. • Selecting the **Import Entities in different parts** option creates a part for each entity in the model. This option may result in a large assembly tree and a very long importing time. • Each hidden entity imported will be included in a separate part/layer. • Changed the logic when any combination of the **Import Hidden**

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Layers and **Importer Hidden Entities** filtering options are selected:

Hidden Layers	Hidden Entities	Behavior
NO	NO	Imports only non-hidden layers and non-hidden entities
YES	YES	Imports all layers and all entities (hidden and non-hidden). Each hidden entity will be imported in a different part.
NO	YES	Hidden layers are not imported. Hidden entities inside a visible layer are imported. Visible entities inside a hidden layer are **not** imported.
YES	NO	Imports both hidden and non-hidden layers but will only import non-hidden entities. Hidden entities on hidden layers are **not** imported.

STEP   • Many minor bug fixes.

Known Issues

CATIA V4 2D   • Projected views are missing.

• Some text fonts are unknown. Using the default font results in small text.

• Asian characters are not supported.

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CATIA V4 3D   • For some files, surfaces are imported twice. When this happens, the faces will display unusual coloring (see image below). This can also cause the volume computation to be slightly off.

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