

# Aras Innovator PLM AutoCAD Connector

The **Aras Innovator AutoCAD Connector** is designed to find existing design solutions faster, to reduce file and design administration work and to avoid multiple data acquisition. Practice driven use cases enable easy variation of existing designs and configurations, revisioning of modified parts, release of complex assemblies, creating of master items and design BOM, as well as synchronizing CAD properties of parts, assembly and drawing.

## Main features of the connector user interface:

### Model management by connector

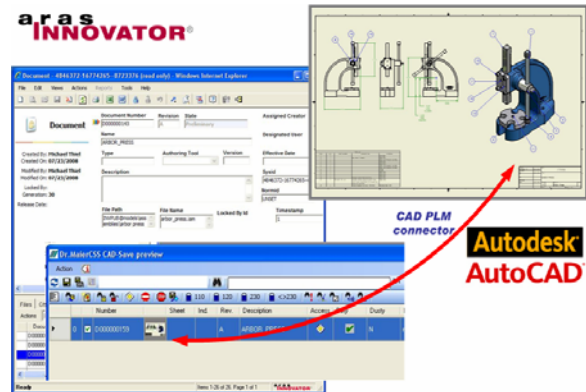
- load and save of drawing, block and xref structure,
- the CAD files are managed, checked in/out from the Innovator file vault
- all related CAD files are part of the document record
- files of parts that had been modified by CAD are saved back to the vault
- existing parts can be changed and saved as new objects or
- modified parts can be saved as new revision
- save preview with thumbnails and CAD/PLM attributes before saving

### Part items & BOM by connector

- while saving a CAD object a master item record can be created or assigned
- CAD assembly structure with master items is used to save the BOM in PLM
- Where used informations are enabled by CAD structure and BOM

### Drawing Management by connector

- the drawing header data are synchronized between CAD and PLM
- change history data are transferred from PLM to CAD
- PLM status information can shown in the header block



### Release & change management by connector

- after completion of a design and user's approval or release
- the CAD object, master item and BOM are processed by PLM workflow at once

### Automatical processing by batch job server

- Updating of model and header information,
- creating viewable file formats, status change and automatical notification

### Prerequisites:

- AutoCAD Mechanical 2006, 2007, 2008, 2009
- Aras Innovator version 9.1
- MS SQL Server 2000, 2005
- Client: MS internet explorer 6.0, 7.0
- Server: MS .NET 2.0 or 1.1, IIS 5+
- Operating System:  
Client: MS Vista, MS Windows xp, MS Windows 2000  
Server: MS Windows 2003, 2008

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