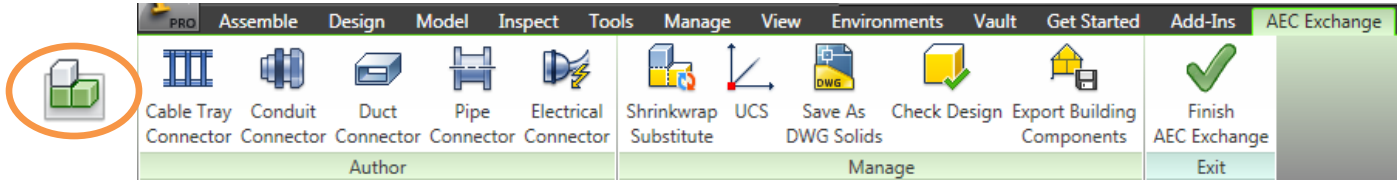


AEC Support for Inventor 2011 ADSK Files

The AEC Exchange environment authors (defines) and publishes (exports) Autodesk Inventor assemblies, weldments, and parts so you can use them with programs like Plant3D and Revit. AEC Exchange publishes 2D and 3D Autodesk Inventor part and assembly design data to an Autodesk Exchange File (.ADSK). AEC Exchange is Autodesk Inventor's data repository for MEP applications which has commands for defining connectors, simplifying model data, changing coordinate systems, and exporting to an ADSK file.



ADSK Element Support

This is a list of programs that support the ADSK format and have interest to Inventor users. Some programs are limited in their usage of ADSK from Inventor and others cannot use ADSK files created from Inventor at all (PID and Civil3D). The ADSK format is also version specific and forward compatible (2010 ADSK will work in 2010 and 2011, but 2011 ADSK will not work in 2010).

| Program (2011) | Import Command | iProperty Metadata Support | Cable Tray Connector | Conduit Connector | Duct Connector | Pipe Connector | Electrical Connector |
|----------------|---|----------------------------|----------------------|-------------------|----------------|----------------|----------------------|
| | Building Component Opens a building component Autodesk Exchange (ADSK) file. | Yes | | | | | |
| | Building Component Opens a building component Autodesk Exchange (ADSK) file. | Yes | | | | | |
| | Building Component Opens a building component Autodesk Exchange (ADSK) file. | Yes | | | | | |
| | PLANTINVENTOREQUIPMENTCONVERT Convert Inventor Equipment | Yes: 2011 No: 2010 | | | | | |
| | IMPORTBUILDINGCOMPONENT Building Component | Must be MVPART | | | | | |
| | IMPORTBUILDINGCOMPONENT Building Component | Manual Assign | | | | | |
| | Not Currently Supported | N/A | | | | | |
| | Revit: Building Site Exports an ADSK exchange file. Civil: Import Building Site | N/A | | | | | |

Vault: Use Vault Explorer to check in an ADSK for file tracking and use attach to have the ADSK follow the AEC component. Then, setup procedures to make sure the ADSK is always up to date.

Materials: ADSK files will contain originating color mapping and materials from Inventor.