



**What's New**  
CADWorx Plant 2016

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# CADWorx Plant 2016

## Software Enhancements

- You can manage control over specific configuration settings, piping rules, and miscellaneous settings through the **CADWorx Plant Setup** dialog box. Local User Preferences control any settings that the configuration file does not contain.
- You can update the length of components that contain variable lengths with the **Variable Component Length Assignment Rule**.
- You can control when components in a drawing update if that drawing has incompatible components, with the **Incompatible Component Actions** rule. You cannot change the data or update any incompatible component in a drawing. You can only update components compatible with the current version being used.
- You can place **Location Points** in the drawing with **Isogen Supplemental**.
- You can turn updates on or off for **Variable Component Length** and for **Topworks** in the **Apply Change Data Rule**.
- You can now set the SKEY for a selected OTAP with the **SETOTAPSKEY** command.
- Upgraded the Setup\_Profile utility to provide access to all CADWorx modules installed on your machine, and allow you to modify the AutoCAD Vertical Product and Version to which CADWorx deploys.
- You can define end types and Isogen symbols by connection point in user shapes.
- Updated specification component architecture to support any end-type combination for any component added to your specification. Previously, unsupported end-type combinations for particular components such as THRDxTHRD Relief Valves, mixed end-type Unions, and Clamped end-type components cause a ProgramCode 0000 condition, preventing placement of these components. This enhancement now supports any combination needed.
- You can edit the properties of pipe support assemblies and the pipe support parts using the **CEDIT** command or by double-clicking a pipe support.
- You can create pipe support assemblies in your drawing and save them to the drawing, a project, or a pipe support libraries file.
- Additional options are available for defining isometric drawing output. You can select by a specific style or select I-Configure and use the styles built within.
- New dialog boxes provide additional control on Isogen drawings output:
  - **View Extraction** dialog box.
  - **Collect Data** dialog box.
- You can launch I-Configure and the Symbol Editor from the **Isogen Panel**.
- Enhanced the formatting of spool, weld, and mark numbers going out to and returning from Isogen and .pcf file when you use the Repeatability functionality. Previously, the software removed leading zeroes on Isogen out, and Isogen style prefix formatting on the way back into CADWorx when using the Repeatability functionality. This enhancement removes these limitations.
- You can run Bill of Material schedules on pipe supports. Use the following commands: **PSCBOMSETUP**, **PSCBOMCUT**, **PSCBOMTOTAL**, **PSCBOMSINGLE**, **PSCBOMEXPORT**, and **PSCBOMDELETE**.
- Combined the **Pipe Support Report** with the **Pipe Support Bill of Material Export**.
- You can view **Quick Start Videos** from the CADWorx **Plant** menu. Click **Plant > Quick Start Videos**.
- CADWorx Plant now supports usage of AutoCAD Associative Dimensioning on CADWorx component geometry.
- You can route sloped pipe using the centerline distance or the projected distance.

# CADWorx Specification Editor 2016

## Software Enhancements

- Improved the specification-level material assignment. You can now set a material for each size of each component. You can define a material assignment setup at the all component level based on sizes, at the component group level based on sizes, and at the component type level based on sizes. The software still includes the previous material assignment options.
- You can assign any **Material Assignment Setup** applicable to a component in the **Material list** in the **New and Edit Component** pane. You can also add a new material assignment setup with the **Add Material Setup** option in the **Material** list of the **New and Edit Component** pane.
- You can change the default OTAP SKEY using the specification or project level **Default OTAP SKEY** property.
- You can save the project files to a previous version. You can then open them in CADWorx Spec Editor or CADWorx Plant for versions 2016, 2015, or 2014.
- You can upgrade your projects and catalogs to the current version of the Specification Editor. This upgrade also adds the new features such as the **Default OTAP SKEY** to the upgraded specification.
- You can only use the **Pipe Set Back (PSB)** parameter to set the gap between the pipe and the socket weld flange.
- Improved the Excel export. You can create your own export template or use one of the provided default templates to export your specifications. These export improvements enable you to import specifications from Excel back into the Specification Editor.
- You can import specifications exported to Excel back into the Specification Editor. You must import an exported specification back into the same specification.
- Enhancement of pipe supports. You can create new pipe support libraries, save your pipe support data as a separate libraries file, create new assemblies, and edit the parts of those assemblies. You can edit the pipe support parts connection points and set description formats for pipe supports.
- You can transfer data from a pipe support libraries file to the pipe support data in a project or to another pipe support libraries file.