



What's Fixed

CADWorx Plant 2017 SP1

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Intergraph Corporation
305 Intergraph Way
Huntsville, AL 35813

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Intergraph Corporation
305 Intergraph Way
Madison, AL 35758

Phone: +1.256.730.2000
Toll Free USA: +1.800.345.4856
Fax: +256.730.2048

TX-19262 - Clamps outside spec size range available in model

Defect causing optional Clamp components outside of the allowed spec size range to be available for selection in the Component List in some cases has been fixed.

TX-19358/19162 - Title Block Manager and Check-In Check-Out Crash

Defect causing Title Block Manager and Check-In/Check-Out dialogs in CADWorx P&ID to result in fatal error has been fixed.

TX-18698 - COMBINEINST not working

Defect with COMBINEINST and subsequent Loop Diagram functionality in CADWorx P&ID has been fixed.

TX-18983 - TAG LINE Command no longer works

Defect with TAG Line command in CADWorx P&ID has been fixed.

TX-19161 – 3-way Valve Directional issue

Defect causing 3-way valves to place with branch in opposite direction of existing process line branch in CADWorx P&ID has been fixed.

TX-19205/19189 - Custom Data not appear in END TYPE Table

Enhancements have been made to End Type table custom data to make their population when part of LD/SD/TAG/PTN schema independent of the PipeDescriptionCat/End Prep Rule setting.

TX-19212 - Clamp / Coupling options

Inconsistency with Optional coupling/Clamp component listing in the Component List has been resolved.

TX-19286 - Clamps not inserting by valves with Auto Insert Rule on

Defect preventing Clamp components from inserting automatically by valve components when the Auto-Coupling rule is turned on has been fixed.

TX-19288 - PRJ-level custom data option missing

Defect causing PRJ-level Custom Data fields to show up in the Project Properties window in the Spec Editor only right after opening the PRJ file has been fixed.

TX-19290 - List Type Custom Field Default Value not set

Defect preventing modified Default Value settings in the SPECVIEW Settings for List-type custom fields has been fixed.

TX-19463 – Embedded Entity Compatibility Fix

Defect causing version compatibility errors when embedded entity components from pre-2016 SP3 models were opened in CADWorx Plant 2016 SP3 has been fixed.

TX-19480 - "Force End Type Length within Component Length" not consistent

Issue causing custom end types with "Force End Type Length" enabled when used on Coupling Components to still be added outside the Coupling OAL dimension has been fixed.

TX-19181 - Bolts placement wrong when Stub has backing ring assigned in Spec

Issue causing bolt rotation offset in enhanced mode on LJ Flange when the LJ Flange is associated with the Stub End in the spec has been fixed.

TX-19185 - Add Teigha libraries to CW Plant deployment

Teigha libraries needed to use the new Isogen DWG Block Attribute population are included and deployed by this SP1 installer.

TX-19190 - Bolt Hole Orientation - Specify Input Angle

Issue with enhanced mode representation of bolts with rotational angle offset has been fixed.

TX-19225 - Line Numbering System not saving settings

Defect preventing Line Number setup changes from saving to the CFG unless you explicitly save the CFG in the SETUP window has been fixed.

TX-19239 - ROTATION_X_AXIS Field missing

Defect causing the ROTATION_X_AXIS field in Coupling data tables to become hidden in some cases has been fixed.

TX-19423 - Custom Supports with 2DREP

Issue preventing custom pipe support components from displaying with 2DREP has been fixed.

TX-19240 - Readme documentation error

Readme documentation has been updated to list the correct compatible AutoCAD versions.

TX-19341 - Special End Stub Flanges not listed when use '+' grip

Defect preventing certain special end Stub Ends from listing when using the router '+' grip has been fixed.

TX-19508 – Integrate Personal Isogen 2016 HF2

Personal Isogen 2016 HF2 has been integrated into this Service Pack. Refer to the Isogen release documentation included in the Isogen subfolder structure for details on scope included in the Personal Isogen 2016 HF2 update.

TX-19158 – 6X6 Equal T shows wrong dimensions in Metric/Metric-Inch catalog

Branch dimension for 6x6 equal TEE component included in the OOTB Metric and Metric-Inch has been corrected from 123 mm to 143 mm as per B16.9-2012.

TX-19365 – Pipe Router Component List listing pipe schedules outside of Spec configuration

Defect causing piping components being listed with schedules not available in the active NPS has been fixed.

TX-19440/19600 – 2DREP problem with AutoCAD 2017 for models at large coordinate range

AutoCAD 2017 issue which HLR functions at large coordinate range has received an SDK fix published by Autodesk which has been incorporated into this Service Pack. 2DREP makes use of HLR functionality and was therefore impacted by this AutoCAD 2017 defect.

TX-19507 – Multiport valve routing disconnects

Defect causing Isogen disconnects when multiport valve ports were re-oriented after placement has been fixed.

TX-19595 – Stub-End variable Length

Stub-End components have been enhanced to support variable length functionality in special-end configuration. Variable length functionality was previously available for non-special-end configurations only previously.

TX-19611 – Pipe Support Length on Elbows issue

Issue causing pipe support length entry for pipe supports placed at the "C" location of elbows being applied off the insertion point of that pipe support instead of perpendicular CL has been fixed.

TX-19630 – Regenerate Pipe Support button does not work

Pipe Support Regenerate button functionality has been restored.