

Service Pack 5 Enhancement List

Improvements made in Service Pack 5 build 3.01.284:

Pattern Improvements

- CID 106,107,108,109 - Display real values for auto data on reports
- CID 1170 - Improvement made to connector node to be central to the connector.
- CID 17 - Enhanced insulation development to support mitered inner throat settings.
- CID 2523 - Insulation trimming improvement.
- CID 2882 - Improved to maintain a sensible scale view when setting dim F (Left Collar) to auto.
- CID 3 - Improved so the insulation on extensions using connector adjusts are correct.
- CID 385 - Branch node position corrected when No Pipe option is used.
- CID 4 - Improved insulation to be positioned correctly when inner radius is set to zero.
- CID 4522 - Coupling inverted so now when inserted as open top this displays correctly.
- CID 868 - Centerline and pattern length will now report the C1 to C2 distance.
- CID 879 - Coupling Plate connector face orientations corrected.
- CID 879 - Improved so that the main run size looks correct when taken off as cut in.
- CID 880 - Improved so the 3D faces are orientated correctly.
- CID 966 - Improved so annotations are displayed in CAD take-off viewer.
- Improvements made to various patterns to cut insulations where holes have been added.
- Improvements made to various patterns to support double wall insulation where necessary.
- Improvements to Bend insulation faces.

Productivity Improvements

- Improved CADmep Object Enabler to display properties in AutoCAD® & Navisworks®

General Usability Improvements

- Improved automatic coupling selection so that the priority order is from the top left when the options to "Restrict to same tab" and "Allow couplers from different tabs" are enabled.
- Improved Convert3dmodel so not lines/faces options function as expected.
- Improved stability where parts lead-ins were undetermined as a machine was not correctly assigned.
- Improved various areas of the program to handle file names containing % characters.
- Improvement made to CAD take-off dialog so the nodes are correctly displayed when the "cache similar patterns to save memory" option is disabled.
- Improvements made to MAPLOGOUT to remember the "log in this user next time without prompting" option. When enabled you will no longer have to log in.
- Stability improvement in MAPFILTER when searching for a connector containing the "%" symbol.
- Stability improvement to the FLEXFILL tool as to support multiple clicking.
- Stability improvement when using the (No Suggestions) command on stacked buttons with multiple invalid buttons.

General Database Improvements

- Improved .dxf export to allow you to select how much detail to include. See /Pattern Switches/Developments
- Improved CADmep Object Enabler to display properties in AutoCAD® & Navisworks®
- Improved export data wizard by supporting different font sizes, data will no longer disappear from the dialog.
- Improvements made to database exports to save relative to the root of the active configuration.

Design Line Enhancements

- Improved design line when using FILL2ENDS command on electrical risers so that part orientation is correct.
- Improved stability in design line when using the pick constraints tool.
- Improved stability when filling side terminals.
- Improvement made to design line to handle complex auto coupling scenarios.

- Improvement made to design line to place in line equipment in vertical risers using the same orientation as the ductwork.
- Improvement made to design line to prevent lines from moving after delete line is used.
- Stability improvement with design line when filling oval end of line tees.

Print Objects Enhancements

- Improved "Connector Location" print object to always report the position of the specified connector.
- Improved "Item Connector Gasket" print object to be available from add report and export item data.

Configuration Enhancements

- Improvement made to Edit Configuration so that when a link added, then Edit Configuration is reopening the link is displayed in correct field.

Service Pack 4 Enhancement List

Improvements made in Service Pack 4 build 3.01.193:

- All SP1, SP2 and SP3 enhancements incorporated (see below).
- Improvements made to filter descriptions in ADDREPORT editor.
- Improvement made to the FILLPOINT command so that couplers are placed either side of fittings when filled.
- Stability improvements to Pick Constraint & Pick Elevation functions on Design Line.
- Enhanced UI to maintain visibility of window controls.
- Improvements made to patterns CID15 & CID345 to allow insulation greater than the flange offset.
- Enhanced selection filter to allow pasting to and from comma delimited files.
- Improved ADDREPORT function to remember reverse order selection.
- Enhanced REVDESIGN function to improve accuracy when re-filled.
- Improved visibility graphics on CID 2966.
- Improved MSF stability when using add line & trace line buttons.
- Improvements made to ductwork when adding holes with insulation dims enabled.
- Enhanced Inside Dims Insulation option to allow for connector gaskets.
- Improved template item files to maintain locked support ancillaries at takeoff.
- Enhanced scripting functionality to allow users to return values from catalogued item options
- Stability improvement made to ancillary database components to allow the assignment of lone fabrication tables.

Service Pack 3 Enhancement List

Improvements made in Service Pack 3 build 3.01.154:

- All SP1 and SP2 enhancements incorporated (see below)
- Enhanced Scripting to support “Group” prefix when changing Item Specification or Material
- Improved import functionality when specifications contain alternate connectors and seams.
- Enhanced Design Line for placement of inline Tee and Bend combinations and using Coupler pattern as a Reducer.
- Enhanced status time/dates to report out in local time rather than UTC format.
- More consistently apply collar seams from the specification to various round pattern developments.
- Enhanced hole development positions and notching when using connectors with –ve Turnover.
- Enhanced ancillary database display to support sorting.
- Improved stability when creating spool drawings.
- Enhanced database access to First End Only and Estimated dims switches.
- Update position of Splitter holes in developments of Radius Elbow and Breeches piece.
- Enhanced renumber command to obey “prompt for positions” switch if only displaying in Paperspace, when numbering in Model Space.
- Enhanced stretching drop rods on hanger pattern when configured as Slide or Double Slide.
- Cable Tee enhanced to support extension dimensions when configured as ladder.
- Hanger pattern enhanced to support caching and report out rod diameter fields when driven from the Supports database.

Service Pack 2 Enhancement List

Improvements made in Service Pack 2 build 3.01.094:

- All SP1 enhancements incorporated (see below)
- Enhanced Openjob command so objects are associated with the design line when erasing or refilling in 3D, resulting in no duplicate objects.
- Enabled CID 2900 Tee to be used in Design Line when the branch and pipe nodes are located on the same X plane.
- Improved positioning and rotation options on CID's 2900,2901,2966 and 2967 when attaching to existing items, the top branch will follow the direction of the small arrow.
- Improved accuracy when using the Design Line Break command when selecting off the line.
- Enhanced Rise/Fall symbol stability when copying multiple objects.
- Improved MSF command stability when closing a drawing.
- Improved Swapout command stability when no objects are present in the drawing.
- Enhanced CID 33 for drawing multiple branches when one of the diameters is set to 0.
- Improved stability generating graphics for combined Taper and Bend pattern, CID 1126.
- Enhanced Design Line Trace command to be able to process a large number of unconnected lines.
- Improved stability of side entry non flexed terminals when not connected correctly to the design line.
- Addressed Create2D functionality when users have defined a custom Item Number block.
- Enhanced Addreport command to improve product stability when running reports containing calculations.
- Improved connectivity checking with some Takeoff as Cut in configurations.
- Insulation abbreviations enhanced to now include the “%” symbol in their name.
- Improved support for Pipework Reducer CID 2071 with outside insulation and Auto collars, now with improved drawing of insulation lines.
- Improved graphics on CID 2901 & 2967 for Connector 4 end.
- Enhanced reporting for connector positions on Hangers and Sleeve patterns for database exports and reports.
- Improved Undo support for RemoveServiceBlockGraphics command and enhance option to explode block graphics to model space.
- Enhanced RedITee and RedInLine nodes in Design Line to better support fill in situations where there are multiple combinations available in the service
- Add better support for Flex filling when selecting a product listed Flex item from a button.
- Enhanced CID 7 to support the appropriate connector fold notches for C1 and C2 ends.

Service Pack 1 Enhancement List

Improvements made in Service Pack 1 build 3.01.057:

- Enhanced editing a template ITM through folders and selecting develop, no longer creates a catalogue item.
- Custom Data carry over values now applied when using Design Line fill.
- Improved visibility when displaying in Hidden/Shaded, with configure as a Flange.
- Improved control of bearer/hanger drop rod positioning, allowing independent positioning on left and right sides.
- Validated buttons paths to ITM files, for improved fills and stretching with Auto Couplings.
- Barcode settings, when changed in the main database, are maintained between sessions
- Ability to use Custom Job form enabled.
- MAP2ADSK now addresses various incidents with regard to migrating from older systems.
- Print object Item Duct Weight adjusted for units used.
- Enable Item Pallet field on item and in print objects.
- DIN and LUKA print objects added into Item reports.
- Drawings can now include the “%” symbol in their file name.
- Enhanced attempting to Fill a design line that required a Flat Bottom Tee with a Pipework Service
- Enhance Rise/Fall symbol display to enable object deletion.
- Enabled more effective browsing of reports in the Item Report Builder.
- Enable Fabrication level access to areas of the Database