

# Service Pack 3 Enhancement List

## Improvements made in Service Pack 3 build 3.02.706:

### Pattern Improvements

- CID 324 - Improved Initial Makepat units for Imperial configuration where they were previously showing as metric.
- CID 535 - Improved Draw Type.
- CID 64 - Improved Developments.
- CID 854 - Improved faces visibility when Bottom Radius set to 0.
- Improved Fabrication items by allowing functions to be used in calculated dims.
- Improvement made to straight duct patterns as seams were not being removed with the holes.
- Improvements to Bend insulation faces.
- Stability improvement when loading jobs with dampers.

### General Usability Improvements

- Improvement made to Edit Configuration when a link is added.
- Improvement to item gauge print object to always display index number or thickness.
- Improved stability when adding reports that have pressure drop & velocity fields for calculations.

# Service Pack 2 Enhancement List

## Improvements made in Service Pack 2 build 3.02.600:

### Pattern Improvements

- CID 1113 - Marker notch option added.
- CID 148, 2148 & 2149 - improved annotations in viewer.
- CID 17 - Enhanced insulation development to support mitered inner throat settings.
- CID 2149 - Inlet and Outlet options made visible.
- CID 2160 - Removed dimension error warning when branch values are set to zero but still expecting a valid angle.
- CID 24 - Dynamic hole changed to match the hole, not the plate size.
- CID 2523 - Insulation trimming improvement.
- CID 2882 - Improved to maintain a sensible scale view when setting dim F (Left Collar) to auto.
- CID 4 - Improved insulation to be positioned correctly when inner radius is set to zero.
- CID 40, 2040 & 2041 - Option "Duct Length" renamed to "Pipe Length".
- CID 839 - Development change to correctly match parts where the branch offsets no tangentially to outside of the pipe diameter.
- CID 868 - Centreline and pattern length will now report the C1 to C2 distance.
- Improved collars to no longer require redraw before take-off.
- Improvement made to pipe patterns to always allow you to change the connectors.
- Improvement made to pipe patterns to always allow you to specify pipe length.
- Improvements made to various patterns to cut insulations where holes have been added.

### Configuration Enhancements

- Improved "Remember this next time" when selecting a configuration from the start up screen.
- Improvements made when copying configurations so that the correct paths will be displayed, also projects will not be copied.

# Service Pack 1 Enhancement List

## Improvements made in Service Pack 1 build 3.02.502:

### Pattern Improvements

- CID 10, 18 - Right Height value functions correctly.
- CID 1170 - Connector node positions corrected.
- CID 1177 - Developments corrected.
- CID 1177 - Double Wall option enabled.
- CID 29 - Collars now reporting diameter or length in item reports.
- CID 3 - Multiple connector adjusts now supported.
- CID 385 - Branch node position corrected when No Pipe option is used.
- CID 4 – Improvement made to pattern to remember the option Throat Type, previously when using “Mitered” and an extension was input, the throat would reset to “Radius” when redrawn.
- CID 4 - Leg length option is always shown.
- CID 4522 - Coupling inverted so now when inserted as open top this displays correctly.
- CID 526 - Angle dim is now remembered when part is edited.
- CID 58 - Branch snap node is positioned correctly when branch only option is used.
- CID 7 - Improved accuracy of 3D model overall height if used with a connector with a straight allowance at the OM end.
- CID 8 - Bending information corrected.
- CID 850 - Improved stability when adding straight branch in imperial configurations.
- CID 866 - Corrected hole position when a connector with a straight adjust is used.
- CID 879 - Coupling Plate connector face orientations corrected.
- CID 880 - Faces orientation corrected.
- CID 891 - Branch orientation corrected.
- CID 900 - Improved stability when type set to Vertical Elbow and Redrawn multiple times.
- CID 95 - Resolved overlapping developments when nested.
- CID 966 - Annotations now show in 3D viewer.
- CID 970 - Branch connector location corrected.

### General Usability Improvements

- Improved interoperability on subassemblies between Fabrication Products, 2013 & 2014 versions.

### Print Objects Enhancements

- Improved connector location print object as occasionally wrong connectors were displayed, usually when the cad end was not the same order as connectors.
- Improved stability when accessing print objects that were referencing invalid database components.
- Improvements made to database to include gasket Print Objects.

### General Database Improvements

- Improved database to include oversize options.
- Improvements to tables to allow easier deselection when a select all is active.

### Configuration Enhancements

- Improved copy configuration feature so that only the local folders.ini is loaded.
- Optimised ITM file and bitmap loading across networks

### Mapprod Improvements

- Improvements made to prevent filter buttons from vanishing when the columns were resized.
- Product Information Editor/Viewer now reads from common file locations.