M SUITE BIM

DESIGN AUTOMATION FOR MEP

MSUITE PROVIDES FLEXIBILITY, SPEED AND ACCURACY.

MSUITE is a design automation solution for the fast-paced MEP industry that increases the quality of design, eliminates the bore of dimensioning and tagging, and improves productivity.
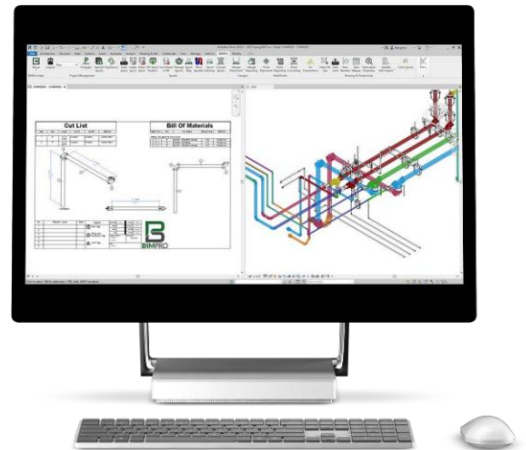
ELIMINATE BOTTLENECKS

- Automate your spooling and sheet creation.

- Focus on Design and Coordination.

- Rule-based automation allows users to quickly automate fabrication spool & sheet creation, hanger placement, point layout, shop drawings and more.

> "
> MSUITE's Automatic Spooling offers over 5.5x productivity gain.
>
> JT Trammell
> Director of VDC Technologies
> The Brandt Companies

MSUITE BIM FOR REVIT®

DESIGN BENEFITS

Create Spools Once

Auto Spool rapidly creates assemblies using construction logic and project parameters to ensure that what gets fabricated in the shop will work for the field.

Less Time Detailing

DYI Spool Sheets easily automates the placement of views, dimensions, tags, and more.

Instant Hanger Placement and Reporting

Empower design teams by removing tedious hurdles like properly placing hangers throughout a model.

Easily Layout and Communication Point Locations

Collaborate with layout teams in the field by automating point placement and reporting. Quickly create thousands of points and send them and the model straight to your total station equipment in the field.

PRODUCT FEATURES

AUTODESK® REVIT® PLUG-IN

Advanced productivity plug-in for Autodesk® Revit® provides an in-application ribbon containing tools to help expedite MEP detailing.

AUTO-SPOOLING

Automatically identify spools based on a set of rules. Creates 3-4 spools per second.

MSUITE FAB INTEGRATION

Integration with MSUITE Fab, allowing enhancement of shop workflow & accurate transfer of information.

CREATE & COLOR SPOOLS

Manually create spools within seconds. Color spools as you go to quickly identify spools within the model.

AUTOMATIC HANGER PLACEMENT

Create rules & standards to place hangers & rack supports. Run multiple rules simultaneously to increase productivity.

HANGER REPORTS & CLASH DETECTION

Customize your hanger reports, cuts, & quantities for your fab & field teams. Run & manage clash reports in Revit for hanger coordination.

MONTHLY UPDATES

BIM releases new updates monthly that are driven by customer feedback.

AUTOMATED SPOOL SHEET CREATION

User customizable spool sheet tool. Automate the creation of spool sheets with fully dimensioned & tagged views, along with multiple schedules.

OLD WAY:

- Manual spooling & sheet creation in Revit averages **5-10 min.**

- Spooling, Sheet Creation, & clean up completed in **30 seconds**

WITH MSUITE:

- **3-5 seconds** to create a sheet, schedules & views placed, fully dimensioned & tagged; **10-30 seconds** for any manual clean up.

AT LEAST 90% FASTER

TAG & ANNOTATION

Overlap-Free Construction Annotations with Dimensions, Item Number Tags, Size Tags, Continuation Tags & Dimensions to Grids.

AUTO-DIMENSIONS

Automatically dimension to Centers, Faces & Ends in any View; Plan, Elevation, or Isometric.

LAYOUT POINTS

Create your layout points quickly & efficiently for your total stations. Import points back from the field and compare to design.

FABRICATION CAD MEP TO REVIT

Export MAJs with item data from CAD, Validate MAJ data in Revit, Fix Connections for imported items & Convert Spools.