



# SysQue

THE DIFFERENCE IS REAL

SysQue managed data content, powered by Building-Data.net, enables designers and contractors to design in Autodesk® Revit® MEP with real-world, manufacturing-specific content that's ready for fabrication. We make it easier for designers and builders (contractors) to create precise and accurate project plans that are in line with MEP contractors' detailing, fabrication, manufacturing, and installation requirements. We help organizations reduce labor costs, improve accuracy of designs, and accelerate project timelines.

Using SysQue in Revit MEP enhances the model of systems with materials and sizes based on actual manufacturer products by name and part number. SysQue web services extends the Revit MEP BIM data to include material cost, labor values, submittal documents, and procurement part numbers. Our unique Excel reporting feature— makes your data-rich model ready for a multitude of additional functions, including cost analysis, prefabrication, manufacturing, and installation.

## ONE REVIT MODEL



### SysQue Workflow

With the SysQue workflow, organizations can go from LOD 200 design to LOD 400 build using the same platform (Revit).

- ▶ Share files in the same platform
- ▶ Use the same standards
- ▶ Coordinate model based on REAL content

### Before SysQue Workflow

Before SysQue, plans were designed in Revit (LOD 200) then rebuilt in AutoCAD (LOD 400).

- ▶ File Exchange = Data loss
- ▶ Design specs match to construction standards
- ▶ Design data then redesigning with real data

## SysQue Duct

v200 and v400 SysQue Duct enhances modeling of duct work with REAL duct fittings content and enhances Revit MEP family management to include round, rectangular and oval. SysQue Duct converts generic Revit out of the box content to SMACNA or DW144 specifications. v400 includes automated straight duct joints and fitting extensions to remove short ducts when possible.

## SysQue Electrical

v200 and v400 SysQue Electrical enhances modeling of electrical containment with REAL straights and fittings content and enhances Revit MEP family systems management. Sized based conduit for true bend radius of accurate coordination models is also included. SysQue custom content includes wire basket and bus duct families. v400 includes wire length totals for all SysQue Electrical containment.

## SysQue Pipe

v200 and v400 SysQue Pipe enhances modeling of plumbing and pipe systems with REAL manufacturers content and includes productivity modeling tools for fitting placement, valve placement, and rotation tools.

## SysQue Data

v200 and v400 SysQue Data is a data subscription module that is a Revit MEP Managed Content service which leverages a cloud SQL database of hundreds of thousands of MEP manufacturer components.

## SysQue BOM

v400 SysQue BOM\* creates a detailed BOM (bill of material) and exports the reports (labor values, material cost, procurement part numbers, etc.) directly from Revit MEP to Microsoft® Excel®.

## SysQue PAC

v400 SysQue PAC\* is a cloud process provided by Process Automation Company to create duct files for detailed takeoff formatted for Microsoft Excel, Autodesk Fabrication CAMduct, or import file format Trimble MEP Vulcan, and import file format Vicon.

## SysQue Spool

v400 SysQue Spool\* creates production documentation (ISO) sheet with User defined schedules, and multiple views for defining assemblies. Each sheet includes accurate bill of materials and true cut lengths for Pipe, Electrical and HVAC duct assemblies.

## SysQue Submittal

v400 SysQue Submittal\* creates pipe submittal documentation for all components in a SysQue Pipe system. The PDF files includes a table of contents with links to each component in the document.

## SysQue Supports

v200 and v400 SysQue Supports enables real manufacturers' hangers and supports to be modeled in Revit MEP with accurate hanger rod lengths and structural attachments (beam clamps or inserts). The SysQue Supports add-in application includes output to Trimble MEP Total Station units and supports MEP or TFL file formats.

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