

SysQue

SOFTWARE

This document provides basic information about new features and modifications in the release of the Trimble® SysQue® software. More detailed information can be found in the online help system.

Introduction

These release notes describe the features and enhancements that are new for the major installer releases dated 2017-12-04. For additional assistance, please email sysquesupport@trimble.com.

Upgrade procedure

To download the major release, log into the SysQue support forum at <https://sysquesupport.zendesk.com>. Browse to General Information / Updates, SysQue Software Downloads and select the installer required for your Revit version.

To update previously installed SysQue software, select Update. For new installations, select Full installer for the year of Revit you have installed.

For additional instructions see the document SysQue Full Installation Instructions also available on the forum under SysQue Software Downloads.

Compatibility

Autodesk software

This release of SysQue is compatible with the current releases of Autodesk® Revit® versions 2016, 2017, 2018.

Windows

SysQue is compatible with Microsoft® Windows® versions 7, 8, and 10.

Backward compatibility

Digital models produced in Revit cannot be saved to or opened in previous versions.

Version: 5.1

Date: November 2017

New Features, Enhancements, and Updates

This section includes a brief introduction to new features. For more detailed instructions log into the SysQue support forum at <https://sysquesupport.zendesk.com> and browse to the appropriate category.

Supports

Multi-Rack hangers has been fixed to stretch across selected pipe or conduit at multiple selection locations.

Spooling

Spooling dialog box is able to be resized. Spooling issues with locked GUID's have been fixed.

Duct

The duct processing speed has been Improved.

PAC

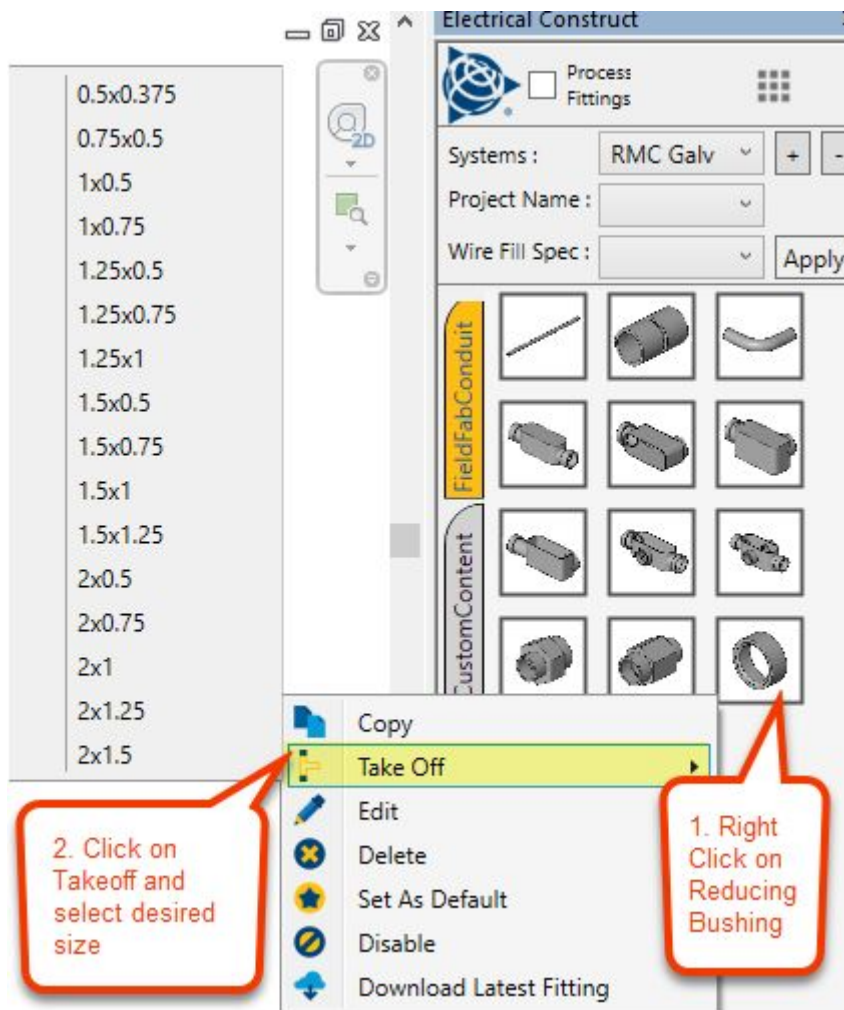
The CAMduct MAJ option has been removed in favor of the new TXT output which was added in a previous release and mentioned in prior notifications. Bug fixes have been done. New graphics has replaced the old graphics containing the BD cloud.

Pipe

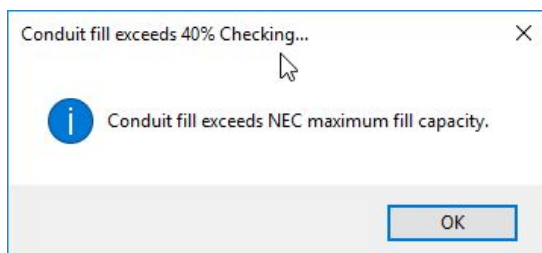
Pipe/Plumbing and fittings can have nominal size for all pipe and fittings and will also include Metric equivalents where appropriate.

Electrical

Conduit Reducer - Fixed the ability to place reducing bushings inside a conduit fitting. With limitations of Revit, you will have to place the reducing bushing manually by right clicking on the bushing icon, select takeoff, and select the desired size change. Place the bushing in the fitting that you want to make a change in size and then draw conduit from the bushing. Keep in mind, you may have to change to wireframe display in order to see the bushing. See the example below.



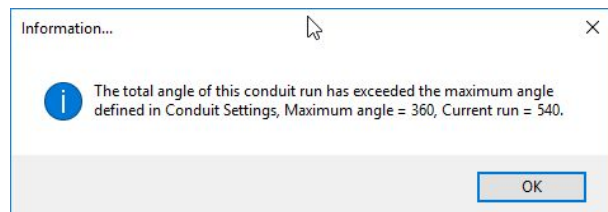
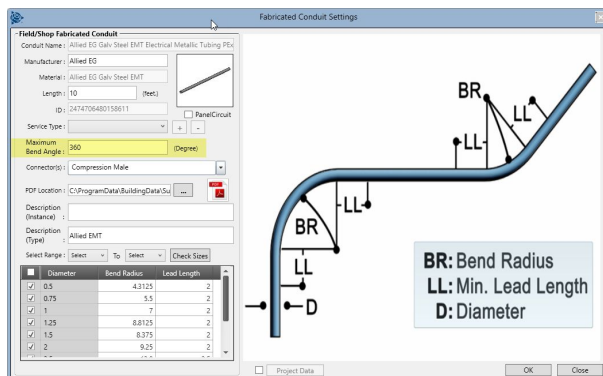
Percent Fill of Conduit - This is a new feature for electrical that will calculate the % fill of the conduit based on the wire configuration defined in the Conduit Tab within Specification Settings, or the number of circuits assigned to the conduit from a given panel. If you exceed 40% of fill, the following dialog box will display while processing the conduit run.



This also can be run on existing conduit runs that have either wirefill or panels and circuits assigned. Select the conduit run, and in the tool menu select "Check for exceeding fill %."



Total Bend Angle - This is a new feature that will alert you when processing the conduit run if the total bend angle for the run exceeds the value that is defined in the Conduit Settings. While processing the conduit run, if it exceeds the maximum bend angle defined, you will get a message with the actual total bend angle to alert the user.



This can also be run on existing conduit runs by selecting the run and in the tool menu select "Check for Exceeding Max Angle".

General

Refresh Available Fitting List in Building Data Notifications has been updated to include versions 2016 and 2018.

If you are downloading/backfilling families for the first time, you may need to run "SetConnectorInfo" in a blank non-SysQue Revit model for SysQue to set the correct Connector End types. It's recommended that you do this before you start using the Electrical and Duct modules.

Known Issues

Spooling

There is a change that was made to the Revit 2018 API that has caused an issue with creation of spool drawings that use non-3D views. The other views are not being properly “Cropped”. As a work-around you can create only 3D views and orient them as if they were Plan or Section views.

Licensing

Some users may experience licensing errors after installation. If you experience this issue then take these steps:

1. Close all open sessions of Revit
2. Navigate to “C:\ProgramData\BuildingData\Support”
3. Delete the file “usr.ext”
4. Launch Revit, and log in to SysQue.
5. If this does not resolve the licensing error, please submit a Zendesk ticket for our support department can help resolve the issue.

BD Update Manager

Description: Windows tray app to update fittings and software

Confirm the version number by right-clicking on the **Building Data Notifications** icon and selecting **About**.

Common

Description: This DLL is referenced by all SysQue and BD apps

Confirm the version number by browsing to the path below, right-click on the DLL, select **Properties**, go to **Details**, and check the file version number.

C:\Windows\Microsoft.NET\assembly\GAC_MSIL\SysQueCommonFeaturesDLL\ - There may be more than one subfolder; select the one with the most recent date.

BOM, Data, Spooling, Pipe, Electrical, Duct, Supports, Submittal, PAC

Description: Revit addin apps composing SysQue

To identify the version number of each DLL, browsing to the path below. Each SysQue module has a subfolder ending in “.bundle”. Open that desired subfolder and right-click on the DLL, select **Properties**, go to **Details**, and identify the file version number.

C:\ProgramData\Autodesk\Revit\Addins\2016\

C:\ProgramData\Autodesk\Revit\Addins\2017\

C:\ProgramData\Autodesk\Revit\Addins\2018\

Legal Notices

Trimble Inc.
116 Inverness Drive East, Suite 210
Englewood, Colorado 80112
800-234-3758

Copyrights and Trademarks

©2017, Trimble Inc. All Rights reserved. Trimble, the Globe & Triangle logo, and SysQue, are trademarks of Trimble Inc., registered in the United States and in other countries. Microsoft, and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Revit is a registered trademark or trademark of Autodesk, Inc. All other trademarks are the property of their respective owners.

Release Notice

This is the July 2017 release (Revision A) of the Release Notes. It applies to version 2017-07-18 of the SysQue software.

It pertains to the release noted elsewhere in this document. The topics within this document are subject to change without notice. Screenshots included may not be exactly as in the software application.