

Leica Geosystems Release Notes

Product Leica CloudWorx 2.1.4 for Revit
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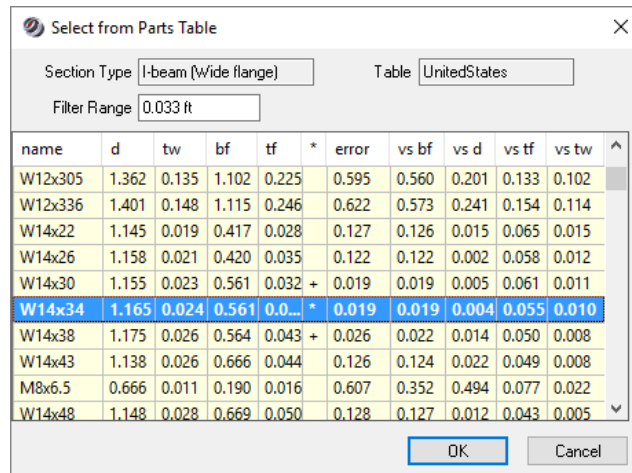
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What's New

Steel Fitter with Parts Catalog

CloudWorx 2.1.4 for Revit now supports the ability to use the Parts Catalog when fitting steel. After the steel fitter is ran, the parts catalog dialog will appear (see below image), allowing the user to see the suggested steel size, and having the ability to select a different size to fit.



JetStream Experience

Leica Geosystems' JetStream engine provides unmatched productivity gains with higher fidelity in final deliverables when working with point clouds in a CAD environment. Through instant loading and uninterrupted rendering of all the points, all the time, there is no more lag and no more "regen". Even with billions of points. The JetStream Experience in CloudWorx 2.1.4 for Revit will demonstrate these time saving and cost cutting benefits right in your current CloudWorx installation.

Users can easily download and run the Experience by following the prompts in the software after clicking the new JetStream Experience button.

Bug fixes

- **Bug fixed where point cloud was sparatically loading points with JetStream data**
- **Bug fixed where point cloud was not fully loading all points when using Revit Section Views**

Leica CloudWorx 2.1.4 for Revit Compatibility and Upgrades

Upgrading to Leica CloudWorx 2.1.4 from Leica CloudWorx 2.1.x

You must have Administrator-level privileges on your workstation to correctly install Leica CloudWorx software.

If using IMP data, first run the current Cyclone installer if you do not have a version of Cyclone installed. Otherwise/Next run the CloudWorx 2.1.4 InstallShield and follow the directions in the InstallShield Wizard to proceed with the installation. Please heed the warning message about compatibility of earlier version databases. We strongly recommend that when upgrading, please select the “Remove” option when it appears, rather than the “Repair” option.

All users with a valid license(s) for CloudWorx 2.1.x or later can run this new version with no new license required. All users with a currently valid CCP or with CCP which was valid as late as April 18, 2016 can receive a new license to run this version.

Compatibility with Leica CloudWorx 2.1.4 AND Earlier Versions

Cyclone 7.2 databases are *NOT* backward compatible. Therefore older databases must be updated before using Cyclone 7.2 and can no longer be used with earlier versions. If you need to work with your data in older versions of Cyclone or CloudWorx, you should make an archive copy of your database(s) prior to upgrading. Since it can take some time to update and optimize Cyclone databases, we recommend that you optimize your databases overnight, particularly when multiple databases are involved.

Compatibility with Leica CloudWorx 2.1.4 AND Revit Versions

CloudWorx 2.1.4 officially supports Autodesk Revit Architecture, MEP, and Structure versions 2013-2017.

CloudWorx 2.1.x for Revit’s COE and Fit Steel Section are only supported in Revit 2015 and later.

CloudWorx 2.1.4 for Revit’s support of RCP data is only supported in Revit 2015 and later.

Known Issues

Optimizing Older Databases with Windows 7 and Higher

If users wish to use CloudWorx 2.1.4 for Revit to optimize IMP databases from Cyclone version 7.0 or higher, they must first disable User Access Control prior to optimizing, or the optimization will not succeed yet no meaningful error message will be produced.

Clipping Data with Large Extents

CloudWorx data clipping of point clouds with large extents is not possible in Revit 2017.

Using JetStream with Revit 2014

When using Revit 2014 and JetStream, the point cloud rendering performance is significantly less than when using Revit 2015 and newer.