Leica Geosystems
Release Notes

Product  Leica CloudWorx 6.5 for AutoCAD
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What’s New

This release includes major feature additions as well as enhancements to existing features within CloudWorx for AutoCAD. This release further improves Leica Geosystems’ HDS Software product offering to promote simple data transfer and easy workflows to take users from data capture through preparation, data management, and delivery to end users.

New Features

Support for Password protected LGS files and JetStream Projects

With the release of Cyclone 9.4, Cyclone REGISTER 360 1.6, and JetStream Enterprise 1.6, users may assign a password to LGS files and JetStream projects. The password is assigned upon publishing from any of those programs or within JetStream Admin for existing JetStream projects to ensure secure transmission from provider to end user. Passwords must be entered each time the project is viewed in CloudWorx. Passwords must contain six or more alphanumeric characters. The appropriate PUBLISHER license is required for publishing LGS files or JetStream projects. JetStream Admin may remove or assign a new password to a project within JetStream Enterprise at any time, but LGS files must be re-published if a new password is desired.

Support for high resolution (5120) pano images in TruSpace

TruSpace can now display the 5120 resolution pano images created by the RTC360 scanner and contained within from LGS files, JetStream projects, and Cyclone ModelSpace Views opened in CloudWorx.

View Asset list in TruSpace

Users may now view a list of project Assets within TruSpace when working with LGS files or JetStream project data. This includes Assets independent of GeoTags, such as Registration reports from Cyclone FIELD 360; viewing Assets associated with GeoTags has been supported since the previous release. Double-clicking on an Asset file will open the Windows default application for that file type. This improvement to Assets via TruSpace allows users to access important Assets attached to a project (in JetStream or LGS) in our downstream tools to better inform the modeling process. To view Assets, click the paper clip icon in the top right of the TruSpace toolbar; a list will display.
Additional Changes/Improvements

*Improved Heatmap legend in Floor Flatness/Floor Levelness (FF/FL) reports*

Units are now clearly labeled in the Heatmap legend for FF/FL reports to avoid confusion when delivering a final report to a customer.
Support for Switching JetStream Enterprise server via the menu

Users may now access a new JetStream Enterprise server via a button within the toolbar. Previously, this action was supported within the command line.

Support for CLM 1.8

CloudWorx for AutoCAD is now compatible with CLM 1.8.

Bug Fixes

UX Bugs

- Corrected a bug which prevented gamma correction from being applied to Cyclone ModelSpace projects. To take advantage of this fix, the user must be working with data in Cyclone 9.4 or later.
- Corrected a bug which could result in points being shown as removed when the user would not expect them to be removed.
- Corrected a bug which could prevent changes to the elevation color mapping from being saved to the CloudWorx project file.
- Corrected a bug which could prevent ortho images from publishing correctly when the scale for the image size was set to a value greater than 2. This only affected Cyclone ModelSpace projects, not JetStream projects or LGS files.
- Corrected a bug which prevented users using the command CWINFO from accessing intensity and point color information for a selection. This affected both JetStream projects and Cyclone ModelSpace Views.

Leica CloudWorx 6.5 Compatibility and Upgrades

Upgrading to Leica CloudWorx 6.5 for AutoCAD from Leica CloudWorx 6.4.x for AutoCAD

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 6.5 installer and follow the directions to proceed with the installation. Please heed the warning message about compatibility of earlier version databases. We strongly recommend that users not use the “Repair” option when upgrade. Rather, users should select “Remove” when it appears and then run the InstallShield again to install the new version.

Compatibility with Leica CloudWorx 6.5 for AutoCAD AND AutoCAD Versions

CloudWorx 6.5 for AutoCAD officially supports Autodesk AutoCAD versions 2012-2019.

CloudWorx 6.5 for AutoCAD’s support of RCP data is only supported in AutoCAD 2015 and later.
Compatibility with JetStream Enterprise

CloudWorx 6.5 for AutoCAD is compatible with JetStream Enterprise 1.3 and higher. To access the latest features, it is recommended that users update to the latest release of JetStream Enterprise 1.6.

Compatibility with CloudWorx Ultimate

CloudWorx 6.3.1 (or later) for AutoCAD is compatible with the CloudWorx Ultimate License.

Known Issues

Installing CLM while JetStream service is running

During installation of CLM, users may encounter the following error message. This is commonly due to a service like JetStream running in the background.

To enable the successful installation of CLM, please follow these steps:

- Launch the task manager
- Select the Services tab
- Look up the process with the PID (Process ID) shown in the Close applications dialog
- Terminate the process so that CLM can be installed
- After CLM is installed, click on the Services button in the Task Manager and restart the service

Modified Usage for Asian Languages

Some actions and windows do not execute properly when operating CloudWorx in an Asian language.

Switching JetStream server with JetStream project open

CloudWorx does not support switching JetStream servers while a JetStream project is open. Upon attempting this action, the user will receive a message which states, “You already have a CloudWorx project open.” Users should close the active project before switching JetStream servers.
Equivalent user permissions requirement

When working with IMP data, AutoCAD must be run with the same level of user privileges as Cyclone was originally configured with. Meaning if Cyclone is configured to Run As Administrator, then AutoCAD should be Run As Administrator to connect to Cyclone and open an IMP.

Temporary ModelSpace

When working with IMP data, users may see a temporary ModelSpace created within Cyclone to support rendering in CloudWorx. All ModelSpace views are temporary and will not be permanently added to a project. It is not a requirement that Cyclone be running while using CloudWorx.

Licensing

All users with valid CCP, or with CCP valid as late as 1 April 2019, can run this new version with no new license required.