



## LEICA CLOUDWORX CAD PLUGIN

# POINT CLOUD COORDINATION WITH LEICA CLOUDWORX AND CADWORX

### Capabilities:

- Large Point Cloud Management
- Leica JetStream Experience
- Intelligent As-Built Workflows
- Advanced Interference Checking
- TruSpace Panoramic Viewer
- Multiple Laser Scan Format Support
- Multi-language Support

### Core Solution:

- CloudWorx for AutoCAD® & CADWorx® Plant Professional
- CloudWorx for BricsCAD® & CADWorx® Plant Professional

### Optional Solutions:

- Cyclone Modules
- Leica JetStream

Leica CloudWorx CAD plugins used in combination with CADWorx provides the most productive and accurate way to coordinate with point clouds or create as-builts. This powerful combination enables you to perform asset walkdowns and check proposed designs against existing conditions. Locate tie-points, and create intelligent as-builts models easily without leaving the comfort and safety of your office!

### Large Point Cloud Management

Quickly and effectively manage vast amounts of point cloud data. “Cut Plane Slices and Half-Space Sections” and/or “Limit Boxes” provide a quick and easy way to navigate point cloud data. Take measurements with familiar CAD measuring tools.

### Leica Jetstream Experience

The Leica JetStream point cloud engine provides unmatched productivity gains with greater efficiency in creating final deliverables. Point clouds load at an ultra-high-speed. Even with billions of points, all points are rendered, all the time.

### Intelligent As-Built Workflows

CloudWorx shape fitting tools provide size, centerline and orientation data for piping, steelwork, and other assets. With the construction information that is automatically generated by CloudWorx, CADWorx users can rapidly develop an intelligent as-built CADWorx model.

### Advanced Interference Checking

Check potential interferences with point clouds in CADWorx. Leica CloudWorx offers design validation tools for automated anti-clash and clash detection routines.



## TruSpace Panoramic Viewer

Users often struggle with point cloud manipulation when using CAD point cloud plug-ins. CloudWorx overcomes this with its powerful TruSpace viewing window. TruSpace enables users to manipulate point clouds faster and directly “jump to” nearby scanner locations.

## Multiple Laser Scan Format Support

Leica Cyclone point cloud processing software enables point cloud data created in any vendor’s scanning hardware to be converted for use in CloudWorx. CloudWorx accepts Autodesk ReCap (.RCP), and Hexagon Geosystems proprietary .IMP, .LGS and JetStream formats as input. Point cloud data in any other vendor’s format can also be imported and used by CloudWorx.

## Multi-Language Support

Both CloudWorx and CADWorx products are available in multiple languages, including English, French, German, Spanish, Italian, and others.

## ABOUT HEXAGON PPM

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