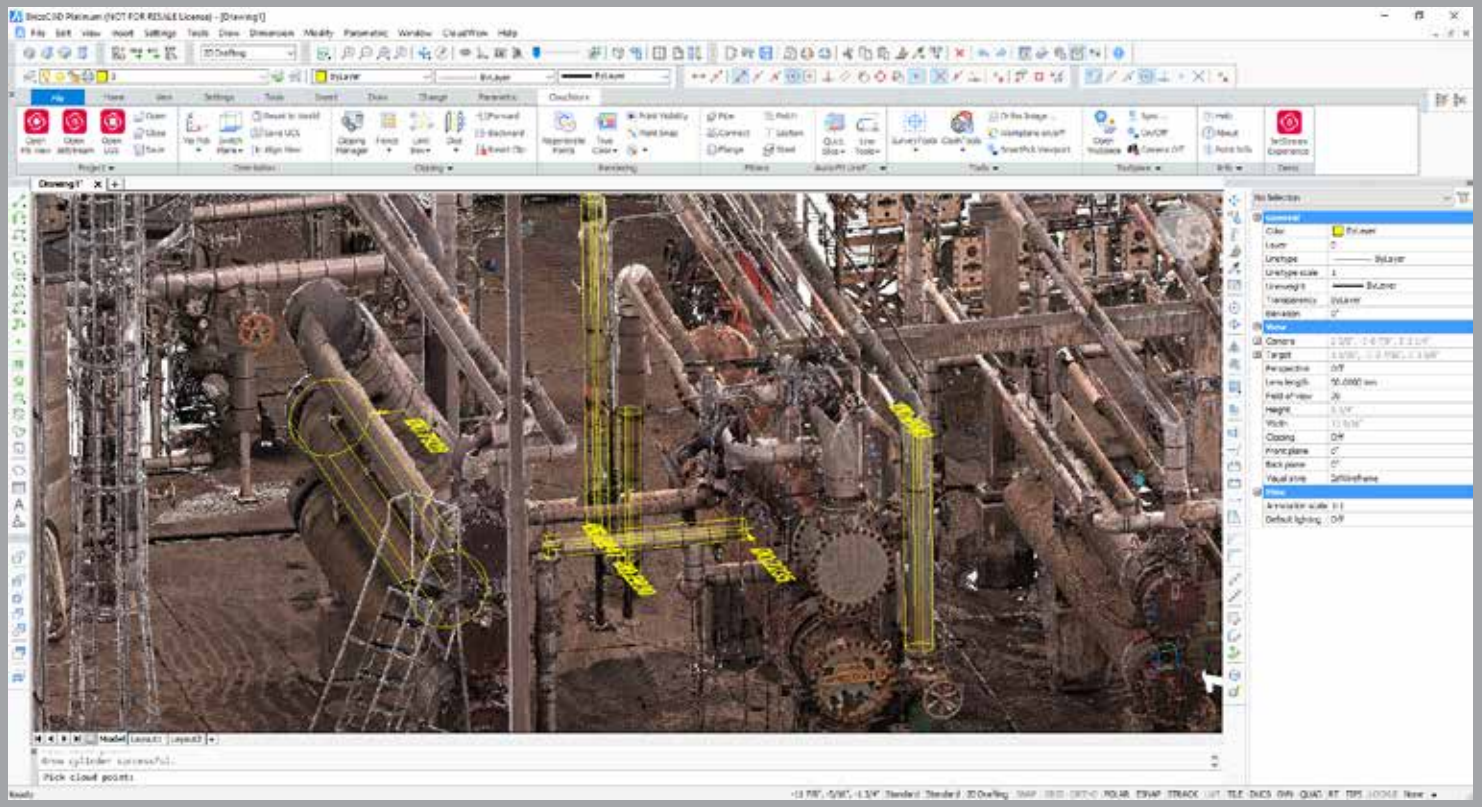
Leica CloudWorx
Technical Specifications



Valid as of February 2019

PART OF HEXAGON

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VISUALISATION, MODELLING & QUERY TOOLS	AutoCAD Basic	AutoCAD Pro	MicroStation	PDMS	Revit	Navisworks	3DReshaper	BricsCAD Basic	BricsCAD Pro	SOLIDWORKS	Ultimate
Large Point Cloud Support	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Level of Detail (LOD) graphics	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Intensity mapping and True colour	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cutplane Manager (sections, slices)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Hide Regions Manager (fences)	♦	♦	♦	♦	♦	♦		♦	♦	♦	♦
Layers in Cyclone database	♦	♦	♦	♦	♦		♦	♦	♦	♦	♦
Tracing	♦	♦	♦	♦	♦			♦	♦	♦	♦
Limit box	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Design Point Placement: Pipe Centre D-Point, D-Point at pick				♦							♦
Flange Tie-Point Location Tool: Place flange D-Point from point cloud				♦	♦						♦
Interference Checking		♦	♦	♦	♦	♦			♦		♦
Flange Tie-Point Location Tool		♦	♦		♦				♦		♦
Modelling (Least-Squares fitting)											
Pipes		♦	♦	♦	♦				♦	♦	♦
Planer Patch		♦	♦		♦				♦	♦	♦
2D lines, Polylines arcs		♦	♦		♦				♦		♦
Steel Fitter		♦	♦	♦	♦				♦	♦	♦
Align cloud to model					♦						♦
Advanced clash management database system		♦	♦		♦	♦			♦		♦
QuickSlice		♦							♦		♦
Auto-Fit Polyline from 1 Pick & 2 Pick		♦							♦		♦
Open KeyPlan		♦	♦	♦		♦			♦		♦
Open TruSpace		♦	♦	♦	♦	♦			♦		♦
Sync TruSpace viewer to Viewport or Viewer in CAD system		♦	♦	♦	♦	♦			♦		♦
Sync CAD Drawing tools to TruSpace		♦	♦						♦		♦
Quick Limit Box from TruSpace		♦	♦	♦		♦			♦		♦
TruSpace Layers (RGB, HDR, greyscale intensity, hue intensity, IR w/ temperature data)		♦	♦		♦	♦			♦		♦
Points On A Grid		♦	♦						♦		♦
UCS Orientation Tools		♦							♦	♦	♦
SmartPicks (Highest, Lowest, and Ground)	♦	♦	♦					♦	♦		♦
Direct open of LGS file	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Direct import of HeXML	♦	♦			♦	♦		♦	♦		♦
Supports JetStream	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Connect to Autodesk Recap Point Cloud (RCP)	♦	♦			♦						♦
JetStream Experience	♦	♦			♦	♦	♦	♦	♦	♦	♦
Quickslice		♦	♦						♦		♦
Auto-Fit Polyline and Arcs		♦	♦						♦		♦

VISUALISATION, MODELLING & QUERY TOOLS	AutoCAD Basic	AutoCAD Pro	MicroStation	PDMS	Revit	Navisworks	3DReshaper	BricsCAD Basic	BricsCAD Pro	SOLIDWORKS	Ultimate
Floor Flatness/Floor Levelness		♦			♦				♦		♦
Orthoimage (GeoTIFF, PNG, JPEG)		♦			♦				♦		♦
Localised in the following languages:											On a per product basis
English	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	
French	♦	♦	♦		♦	♦	♦	♦	♦	♦	
German	♦	♦	♦		♦	♦	♦	♦	♦	♦	
Italian	♦	♦			♦	♦	♦	♦	♦	♦	
Spanish	♦	♦			♦	♦	♦	♦	♦	♦	
Japanese	♦	♦	♦		♦	♦	♦	♦	♦	♦	
Chinese (simplified and traditional)	♦	♦			♦	♦	♦	♦	♦	♦	
Russian	♦	♦			♦	♦	♦	♦	♦	♦	
Korean	♦	♦			♦	♦	♦	♦	♦	♦	
Offers access to CloudWorx for AutoCAD, Revit, MicroStation, PDMS, Navisworks											♦

The below computer specifications are applicable to all Leica CloudWorx products.

Minimum Computer Specification

Processor	2 GHz Dual Core processor or better
RAM	Minimum 8 GB or more for 64-bit OS
Graphics card	Nvidia - Quadro or GeForce 1 GB (with OpenGL support, versions 3.2 or higher)
Operating system	Microsoft, Windows® 7-8-10 (64 bit supported)
Hard disk	40 GB with 1 GB or more free disk space

Recommended Computer Specification

Processor	3.0 GHz Quad Core w/ Hyper-threading or higher
RAM	32 GB or more for 64-bit OS
Graphics card	Nvidia - Quadro or GeForce 1 GB (with OpenGL support, versions 3.2 or higher) with latest drivers
Operating system	Reference documentation for destination CAD package
Hard disk	500 GB SSD Drive with 1 GB or more free disk space
Large project disk option	RAID 5,6 or 10 w/ SATA or SAS drives

Version Compatibility

CloudWorx 6.4.2 for AutoCAD Basic/Pro	AutoCAD, Civil3D and Map3D 2010-2018 Support of RCP data: AutoCAD, Civil and Map3D 2015 and later.
CloudWorx for 5.2 MicroStation	J-Vi8, CONNECT
CloudWorx for 2.2 PDMS	PDMS versions 12.0 and 12.1. For version 12.0 you need at least PDMS12.0.SP6.55 hotfix and for 12.1 you need at least 12.1.SP4 hotfix.
CloudWorx for 2.2.3 Revit	Revit 2013-2018
CloudWorx for 1.1.2 Navisworks	Navisworks Manage and Simulate 2015-2018
CloudWorx for 3DReshaper	2016, 2017, 2018, 2019
CloudWorx for 1.0.3 BricsCAD Basic/Pro	Leica Cyclone 6.2 and newer, JetStream 1.5 and newer and BricsCAD v18 and v19
CloudWorx for 1.0 SOLIDWORKS	SOLIDWORKS 2018, 2019

Customer Care Packages (CCP) Information

CloudWorx 6.4.2 for AutoCAD Basic/Pro	June 30, 2018
CloudWorx for 5.2 MicroStation	June 30, 2018
CloudWorx for 2.2 PDMS	June 30, 2018
CloudWorx for 2.2.3 Revit	June 30, 2018
CloudWorx for 1.1.2 Navisworks	June 30, 2018
CloudWorx for 3DReshaper	June 30, 2018
CloudWorx for 1.0.3 BricsCAD Basic/Pro	June 30, 2018
CloudWorx for 1.0 SOLIDWORKS	N/A

CloudWorx Ultimate Compatibility

CloudWorx for AutoCAD
CloudWorx for Revit
CloudWorx for Navisworks
CloudWorx for MicroStation
CloudWorx for PDMS
MultiWorx for AutoCAD

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