

Leica CloudWorx for SOLIDWORKS

From points to model



Simple route from points to model

With Leica CloudWorx for SOLIDWORKS, you can streamline as-built condition modelling thanks to flexible import options for multiple point formats, COE as objects and meshes, and a robust toolset specifically designed for modelling from point data including automation for many common modelling tasks.



Support for data of any size

CloudWorx for SOLIDWORKS is the most capable point cloud solution for SOLIDWORKS. CloudWorx easily handles projects ranging from individual parts to entire plants in the billions of points so you can visualise designs in context, perform visual clash inspections and model from real-world conditions with the utmost accuracy.



Completely interoperable

CloudWorx for SOLIDWORKS is completely interoperable with the Leica Geosystems High-Definition Surveying (HDS) software portfolio allowing you to open point clouds from any scanner via Cyclone or Cyclone REGISTER 360, JetStream or the LGS* universal digital reality file and work with your CloudWorx projects across 10 different CAD packages.

leica-geosystems.com

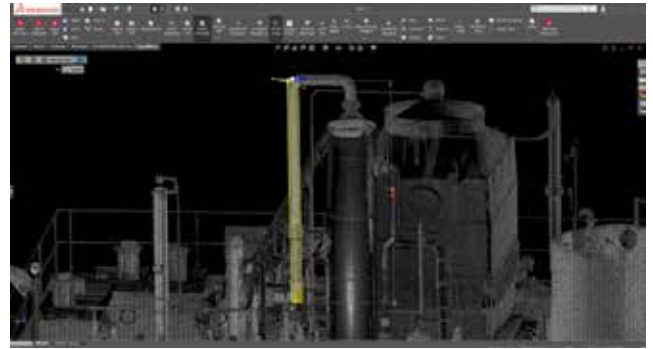


- when it has to be **right**

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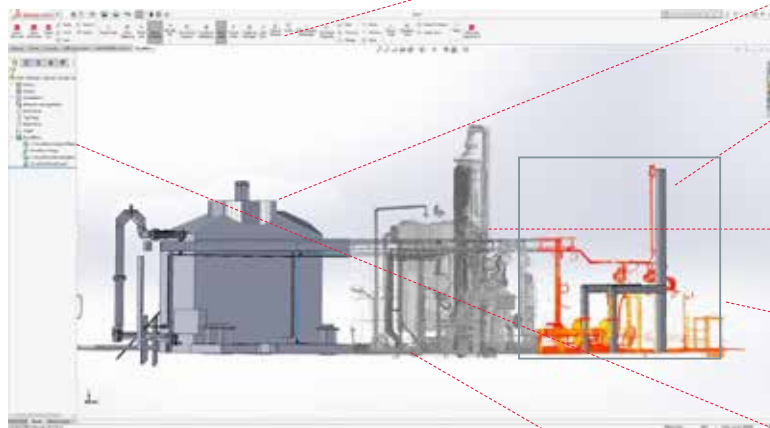
Amplifying the SOLIDWORKS experience

Object fitters speed the model creation process for users, particularly those working in production facilities and construction. CloudWorx for SOLIDWORKS contains pipe and planar patch fitters as well as steel catalogues from 10 countries including thousands of unique objects.



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Key features



- Project points allows for simple transfer of key points from the point cloud part to an assembly for tracing or modelling
- Insert COE as mesh or boundary representations (BREP) plus points from JetStream, LGS or Cyclone ModelSpace
- Specialised point modelling tools include fitters for pipes, steel and planar patches
- UCS orientation tools allow for quick manipulation of points or models with just a few clicks
- Fencing tools, limit boxes and clipping manager let users quickly focus in on your area of interest
- Leverage SOLIDWORKS' native parts-assembly hierarchy to organise points, meshes and modelled objects
- Point Snap streamlines the selection process and increases users' accuracy while picking

*Publishing LGS files requires Cyclone PUBLISHER Pro Licence.

*Reference the Leica CloudWorx Technical Specifications document for a complete listing for product specifications.

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Leica Geosystems AG
Heinrich-Wild-Strasse
9435 Heerbrugg, Switzerland
+41 71 727 31 31

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