

Leica Geosystems Releases Leica fieldPro v2.1

The relaunched Version 2.1 of Leica fieldPro features several improvements of well-known functionalities and a new interface between CADWorx fieldPipe and Leica CloudWorx for AutoCAD. CADWorx fieldPipe for Leica fieldPro application interfaces with Leica Total Stations to as-built plant and piping components to create full scale specification-driven 3D models in real-time, on-site, and without any post-processing back in the office - saving valuable time and money. Now in fieldPro v2.1, the CADWorx fieldPipe for Leica fieldPro option as well as the fieldPipe standalone option have been enhanced with multiple additions, such as Pipe Orthogonalization. Additionally the CADWorx fieldPipe for Leica fieldPro now interfaces to point cloud data via Leica CloudWorx Pro for AutoCAD. Creating CADWorx intelligent 3D pipe models and extracting isometric drawings now is easier than ever before.

Leica CloudWorx for AutoCAD is a software application that allows users to take advantage of 3D point clouds directly within AutoCAD, and users can work efficiently with large point clouds directly using AutoCAD tools and commands. The CloudWorx application adds simple tools for viewing and working with slices of point cloud data to speed up the 2D drawing creation in Leica fieldPro. Powerful modeling tools enable as-built piping models and other 3D constructions to be created from point cloud data in the AutoCAD environment and can be easily imported into Leica fieldPro via the new interface.

Furthermore, the Dimension Control option, which allows for flange alignment and bolt orientation accurate measurements and analysis has been enhanced with Leica fieldPro 2.1. Users now have the choice to measure on-board TPS and post-process alignments in AutoCAD later. This post-processing also applies to Pipe Centerlines 3D connection with statistics and tolerance setting.

Leica fieldPro is a mobile CAD software, the on-site and on-demand field solution to "as-built" in Architecture, Engineering and Construction (AEC) as well as Surveying. accurate 2D/3D "as-built" documentation has never been easier. In combination with Leica Geosystems sensors, all information is captured in real-time on-site in its final deliverable CAD format, and no post-processing back in the office is required anymore. When the user leaves the site, the full scope of work is done.

Leica fieldPro is a plug-in for AutoCAD and Autodesk products such as Civil 3D, Land Desktop, Map 3D, Architecture, Mechanical Desktop, and many more.