

New Leica TruView and Leica Cyclone PUBLISHER Modules

Leica Geosystems (Switzerland) has presented two new point cloud software modules: Leica TruView and Cyclone PUBLISHER, designed to open the value of rich, as-built point cloud data to the masses of AEC (Architecture, Engineering and Construction) and other professionals.

Leica TruView is literally free software for everyday professionals who want to easily view and measure detailed laser scan point clouds without having to be a laser scanning, CAD or 3D expert. The only requirement is that the point cloud information was generated by Cyclone PUBLISHER. This new module of Leica Geosystems' Cyclone Software publishes as-built or topographic point clouds and images in a user friendly, panoramic viewing format. With these two new tools, publishing and viewing/measuring point clouds is easy. It's similar to publishing and reading PDF files, with no formal training required.

Published point cloud data can be posted to the web for immediate viewing, measuring & markup anywhere in the world. Published point cloud data can also be saved on local files, on CDs or FTP sites.

Leica TruView lets professionals view, zoom in, or pan over point clouds naturally and intuitively.

Using a simple "panoramic" viewer approach, users see High-Definition Survey point clouds on the computer screen just as if they were standing right where the laser scanner captured the scan data. Simple controls let users rotate the view just as if they were turning, raising or lowering their head.

For measuring in TruView, a click on a pixel in the image extracts real 3D coordinates; clicking on two pixels extracts distances. Results appear right on the point cloud image. Markups are also easy to create, save and share with peers, service providers, or with clients for more effective communications.

Both Leica TruView and Leica Cyclone PUBLISHER are scheduled for release December 2006. Leica TruView is a free software. Pricing for Leica Cyclone PUBLISHER is available from authorised Leica Geosystems representatives.

<https://www.gim-international.com/content/news/new-leica-truview-and-leica-cyclone-publisher-modules>
