

Leica Cyclone PUBLISHER 7.0 and TruView 3.0

Free & Simple Viewing, Measurement, Mark-up and Linking of Laser Scans

Recognizable toolbar icons provide intuitive method of starting markup commands.

Panoramic viewing of point clouds is completely intuitive

Users can easily control the properties of markups like color or font size.

Users launch panoramic TruView from yellow scanner icons on sitemap.

Placing measurements, text, circles, squares and arrows is easy and intuitive.

Publish laser scans for intuitive viewing and measurement over the internet or via local PC files.

Free Leica TruView software is for anyone who wants to view, measure or mark-up rich, laser scan point clouds. All that's needed are access to file sets made by Leica Cyclone PUBLISHER and a free license of Leica TruView. Access, viewing, measurement and mark-up can even be done via internet!

Using Leica TruView is intuitive – no skills in laser scanning, CAD, or 3D are needed. TruView provides panoramic images of High-Definition Survey™ point clouds on your computer as if you were standing where the laser scanner was. Then, you can freely rotate the view horizontally or vertically and pan/zoom.

Users can extract individual coordinates or measure distances. Mark-ups and hyperlinks are easy to create, save and share for more effective internal and external communications. Publishing TruView file sets is quick and easy.

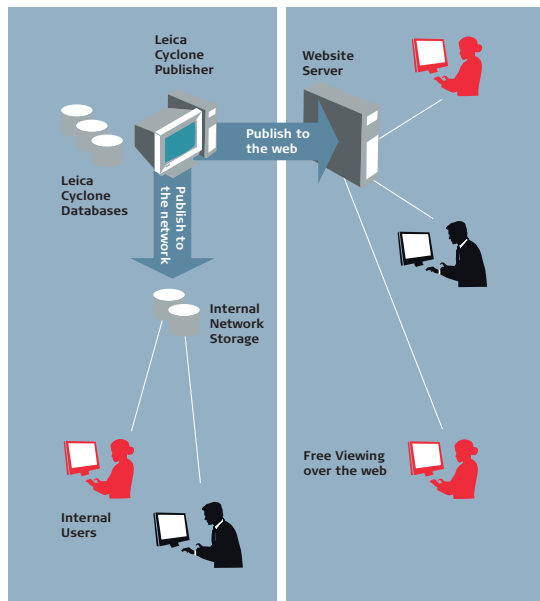
Features and Benefits

- View TruView file sets locally or via the web
- Publish TruViews for any vendor's laser scanner
- Use high-resolution images and true-color point clouds
- Full markup capabilities
- Save and share views and markups
- Within views, incorporate hyperlinks to asset information
- Free download: www.leica-geosystems.com/hds

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Leica Cyclone Publisher is used to compress point cloud data and create panoramic images with accurate measurable data for viewing and markup with the free TruView Internet Explorer plug-in. This data, much like PDF, can be made available on an internal network, over the web or distributed on a CD or DVD. The TruView plug-in makes accessing this data easy for any class of user, with no training required.

Simple to View & Measure via Web or via Local Files

Point cloud data is available in a format analogous to Adobe PDF's. Just like using PDF, the reader is free and no formal training is required. Leica TruView enables the same free, easy viewing & measuring via the web or from files stored on your PC, an internal network or from a CD or DVD. Leica TruView is available as a free download from the Leica Geosystems HDS website.

Intuitive Viewing

Leica TruView lets professionals view, zoom and pan in point clouds intuitively. Simple controls let you rotate each panoramic view just as if you were turning, raising or lowering your head. You can zoom in or pan at will.

Easy Measuring, Markups and Hyperlinks

In TruView, users can click on a pixel in the image and extract real 3D coordinates or click on two pixels and extract distances. Results appear right on the point cloud image. Markups and hyperlinks are also easy to create, save and share with your peers, your service provider, or with clients for more effective communications.

Versatile Publishing

For web-based sharing and viewing you can easily post TruView data files for immediate access anywhere in the world. Users can also pack up the files and distribute them directly as a file set on a CD, DVD, etc. Point cloud data from Leica HDS scanners or any scanner with ASCII-based output can be published for use with Leica TruView.

Added Features

In addition to simple viewing, measurement, and markup, users can also control units of measure; extract coordinates; use call-out "leaders", text, rectangles and circles for markups; save specific views and markups with an associated camera view; and create simple "site maps" with easy-to-find scanner locations for point cloud viewing.

Leica Cyclone PUBLISHER 7.0 Specifications*		Hardware and System Requirements
Publishing	Sitemap as HTML with links to TruView image sets Panoramic point cloud & image file sets for viewing with Leica TruView	Processor: 2 GHz Pentium® 4 or higher RAM: 1 GB (2 GB for Vista) Hard Disk: 2 GB
Source/Data Import	Cyclone database, ASCII (PTS, PTX)*, Zoller + Fröhlich ZFS, ZFC*, Riegl .3DD*	Network card: Ethernet (required for licensing)
Export	BMP, TIFF, JPEG, PNG, Ortho Image, GeoTIFF, TWF (World File)	Display: SVGA or OpenGL accelerated graphics card (with latest drivers) Operating system: Windows Vista* (32 or 64), or Windows XP (SP2 or higher) (32 or 64) File System: NTFS
Leica TruView 3.0 Specifications		Hardware and System Requirements
Viewing	From each scanner position, full 360° horizontal and 360° vertical view	Processor: 500 MHz Processor or higher
Markup	Rectangle and Circle/Ellipse, Leader line with arrowhead, Text, Point-to-point dimension label, Coordinate location dimension label, Markup created by "User name" Markup stamped with time/date, Markup properties control of color, font, transparency, line thickness, units of measure.	RAM: 256 MB RAM or higher Hard Disk: 20 MB
Hyperlinks	Add hyperlinks to any valid local network application or web linkable location. Hyperlinking available for all markup shapes, leaders and text.	Network card: N/A Display: SVGA or OpenGL accelerated graphics card (with latest drivers)
Saved Views	Automatic per markup set, Rec callable	Operating system: Microsoft Vista** (32 or 64), or Microsoft Windows XP (SP2 or higher) (32 or 64)
Collaboration	Saved views and markup sets import/export, Default property settings import/export	File System: N/A
		** Some systems may not support Windows Vista's Desktop Windows Manager (DWM) with Leica Cyclone and must be operated in Windows Classic Look

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* Reference the Leica Cyclone 7.0 Technical Specifications document for a complete listing of product specifications.