Leica Cyclone BASIC
Comprehensive laser scan software for field & office

Features and Benefits
- Fly Mode for smooth, 3D fly-through navigation, including 3D mouse support
- Measurements between scan points and/or modelled surfaces
- Mark up scan images with redline tools
- Field geo-reference, auto-registration, traverse, resection, and known point set up

Powerful and affordable 3D point cloud visualisation, measurement, mark up, and data exchange software for professionals.

Leica Cyclone BASIC provides professionals with a set of tools for efficiently managing and executing laser scanning/digital reality projects.

Professionals can collect and analyse point cloud data, while collaborating for better informed project decisions.

In the office, Cyclone BASIC enables the viewing and navigating of point clouds and 3D models, as well as measurement and mark up/redlining. Cyclone BASIC is a versatile back office data exchange module, supporting import and export of most industry accepted of formats.
## Leica Cyclone BASIC Specifications*

### Workflow
- Automatic target acquisition, Traverse & Resection

### Control data
- Auto compare control data to scan data
- In-field data geo-referencing

### Camera
- Acquire and display digital image (scanner with internal or external camera)

### Viewing
- Full 3D fly, pan, zoom, rotate; including 3D mouse support.
- Control color mapping using intensity, true-colour, gray scale, colour by elevation, etc.

### Import
- Point data formats: XYZ, PTS, PTX, E57, ZFS, DP
- Project data from Leica HDS and Pegasus scanners
- Image and model data: COE, BMP, TIFF, JPEG, PNG
- Control data from ASCII & X-Function DBX

### Export
- Point data formats: XYZ, PTS, PTX, DXF, PCI/CWF, DBX, Land XML
- Image and model data: COE, BMP, TIFF, JPEG, PNG
- Publish to JetStream Enterprise**
- Publish to TruView Enterprise or TruView Local***
- Publish to TruView Cloud

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### Hardware and System Requirements

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<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
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<tbody>
<tr>
<td><strong>Minimum Specifications</strong></td>
<td></td>
</tr>
<tr>
<td>Processor</td>
<td>2 GHz Dual Core processor or better</td>
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<tr>
<td>RAM</td>
<td>2 GB (4 GB for Windows Vista or Windows 7)</td>
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<tr>
<td>Hard disk</td>
<td>40 GB</td>
</tr>
<tr>
<td>Display</td>
<td>SVGA or OpenGL accelerated graphics card (with latest drivers)</td>
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<tr>
<td>Supported operating systems</td>
<td>Windows 7 (32 or 64 bit), Windows 8 &amp; 8.1 (64 bit only), Windows 10 (64 bit only)</td>
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<tr>
<td>File system</td>
<td>NTFS</td>
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<tr>
<td><strong>Recommended Specifications</strong></td>
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<tr>
<td>Processor</td>
<td>3.0 GHz Quad Core w/ Hyper-threading or higher</td>
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<tr>
<td>RAM</td>
<td>32 GB’s or more 64 bit OS</td>
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<tr>
<td>Hard disk</td>
<td>500 GB SSD Drive</td>
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<tr>
<td>Large project disk option</td>
<td>RAID 5, 6, or 10 w/ SATA or SAS drives</td>
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<tr>
<td>Display</td>
<td>Nvidia GeForce 680 or ATI 7850 or better, with 2 GB’s memory or more</td>
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<tr>
<td>Operating system</td>
<td>Microsoft Windows 7 – 64bit</td>
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<tr>
<td>File system</td>
<td>NTFS</td>
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*** Enabled by separate Cyclone TruView PUBLISHER License.

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