

# PINPOINT

POINT CLOUD REGISTRATION AND MODELLING SOFTWARE



## RELEASE NOTES

Software version 4.0 – May 19<sup>th</sup>, 2025.

We are pleased to announce the release of PinPoint version 4.0, the latest iteration of our desktop software formerly known as Scasa PinPoint.

This document contains important information about the desktop software PinPoint version 4.0.

You can now download the new software installer from myWorld Customer Portal:

<https://myworld-portal.leica-geosystems.com>

and PinPoint website:

<https://shop.leica-geosystems.com/leica-blk/blk360/pinpoint/buy>

# PINPOINT

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PinPoint, Point Cloud Registration and Modelling Software, offers comprehensive data import and export options, allowing you to seamlessly integrate data from different sources. PinPoint provides a complete suite of tools for point cloud processing, including cleaning, segmentation, registration, and basic modelling (such as planes, profiles, and projections), as well as tools for deriving accurate measurements, models and meshes. Users can easily extract dimensions, calculate areas, and generate orthophotos and detailed 2D and 3D floor plans. The software also offers diverse export options, enabling users to transfer data to other CAD, BIM, and 3D modelling software for further processing, manipulation, and analysis. PinPoint's ability to attach semantic data to points, planes and projections is a key feature for BIM workflows and allows for the data to be used in other BIM platforms.

## WHAT'S NEW

Version 4.0 of PinPoint supports the following features:

- Licensed using Client License Manager (CLM) software.
- Support of Leica BLK360 SE, BLK360, BLK360 G1 scanners and BLK2GO and RTC360 data.
- Metric and Imperial unit system support.
- Language support: EN, DE, FR, IT, ES.
- Seamlessly integrated with CAD and BIM 3<sup>rd</sup> party software.
- Quick and intuitive cleaning and filtering tools enable users to efficiently refine point clouds by removing undesired data such as reflections, noise or moving objects.
- Automatic point cloud alignment.
- Georeferencing of point clouds with targets.
- Generates colour-optimized, merged 3D point clouds and meshes that are compact and tailored for efficient storage, visualization, and further processing.
- Intelligent 3D snapping makes creating 3D models easy, fast, and intuitive for newcomers to reality capture.
- Superior visualization of point clouds.
- Quickly extracts measurements, 2D floorplans, orthophotos, meshes and simplified 3D models from point cloud data.

## SOFTWARE COMPATIBILITY

Compatibility with:

- Client License Manager (CLM) version 2.22.0.1 or higher
- Leica BLK360 / BLK360 SE firmware 3.0.0 or higher

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- Leica BLK2GO firmware 4.2.0 or higher
- Leica BLK360 G1 firmware 2.1.1
- Leica RTC360 firmware 7.0 or higher

## GENERAL

Version 4.0

Operating System Microsoft® Windows® 10 (64-bit) or higher

## SYSTEM REQUIREMENTS

Minimum Hardware Specification:

- CPU: 6 cores: Intel i5-8th Gen, AMD Ryzen 5 2600 or higher
- RAM: 16GB
- GPU: NVIDIA GTX 1660 (6GB VRAM), OpenGL® 4.1 or higher
- Storage: 256GB SSD with at least 1GB of space for installation

Recommended Hardware Specification:

- CPU: 12 cores: Intel i7-12th Gen
- RAM: 64GB
- GPU: NVIDIA RTX 3070 (8GB VRAM), OpenGL® 4.1 or higher
- Storage: 1TB NVMe SSD with at least 1GB of space for installation

## USAGE

Data import formats: e57, b2g, rtc360, pts, ptx, xyz, rcp, saf, srf, smf

Data export formats: e57, pts, ptx, ply, rcp, jpg, png, dxf, obj, off, stl, svg, saf

## RECOMMENDATIONS

You must have administrative privileges on your computer to correctly install and license PinPoint.

To ensure optimal performance, it is required to configure the graphics card to high performance for each PinPoint module.

Please refer to the PinPoint User Manual ([User Manual](#)).

## CONTACT SUPPORT

In need of help? Get in contact with the technical support team of your region using the contact support form available at BLK Support website [here](#).

For more information about PinPoint please refer to the User Manual ([User Manual](#)) and the PinPoint website: <https://shop.leica-geosystems.com/leica-blk/blk360/pinpoint/buy>.