Release Notes

Product: Leica Infinity

Date: 17th November 2026

From: Kevin Hanson

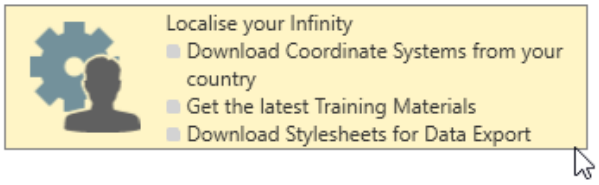
Leica Infinity 2027 v1



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1 Welcome to Infinity 2027 v1

Overview	**NEW – Collaborative Projects**: a structured way to organise project work together throughout various workflows on a worksite. **Survey Data: QC Tool** adds two additional data rules that identify code conflicts and show instances of multiple control points **Support tab:** Ribbon tab includes all the shortcuts for using Infinity more easily **Drafting: Copy** features for quickly duplicating any feature and its styles **Infrastructure: Tunnelling CTA enhancements:** Create CTA profiles directly from imported point clouds. **COGO: Measure Point** to Feature support for computing hundreds of points **Data Prep and CAD improvements: Create Offset** from any selected feature, up, down, in, out, or perpendicular to a plane.
Getting started – Help & support	Getting started, users have access to information and useful data, including coordinate systems, stylesheets, tutorials and sample data, all available from the *Localisation* Tool. From the ***Help*** menu, click on the ***Localise your Infinity*** button to access this data and the tutorials to help you get started with Infinity. 
Ordering Infinity	Infinity has flexible ordering options. Users can purchase a one-time permanent perpetual license or can also buy into a subscription plan. In addition to our existing Leica Infinity – Basic package, users can purchase additional packages based on their needs. All packages and their features can be found on the Leica Infinity data sheet. Contact your local Leica representative to discuss the best options for meeting your project and workflow needs.
YouTube videos	Check the Leica Infinity YouTube page to see the new **How to create drawings to document your field work** video, which helps you get started using the Drafting Module. While you are there, see our playlist of how-to videos that help you get familiar with all the features of the application, including tips & tricks and best practices.

1.1 Installation details

Installation information

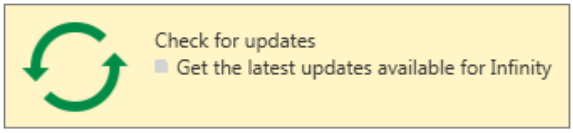
Install version	Maintenance end date
Leica Infinity 2027.1.0.151	1st November 2026

With an active CCP or Leica Infinity subscription license, users will be able to update to this new version. Confirm that your Maintenance End Date is on or after the date listed above before installation.

New users can download the latest version from the Leica Geosystems myWorld support website.

Check for updates

From *Help & About* choose ***Check for updates***. When a new version is available, you will be notified that the update can be downloaded from myWorld.



Operating system requirements

The following Microsoft® Windows™ operating system editions are supported:

- Desktop: Windows 11
- Server: Windows Server 2019, Windows Server 2022, Windows Server 2025

Note: You must have administrative privileges on your computer to successfully install Leica Infinity.

Minimum hardware

- Display: 1024 * 768 px
- Input: keyboard and mouse with wheel
- Processor: multi-core 2.4 GHz
- RAM: 8 GB
- Disk storage: 100 GB
- Graphics: DirectX9 compatible

Recommended hardware

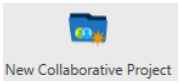
- Dual Display: 1920 * 1280 px
- Input: keyboard and mouse with wheel
- Processor: multi-core 3.5 GHz or more
- RAM: 32 GB or more
- Disk storage: SSD of 1 TB or more
- Graphics: DirectX11 compatible, 8 GB memory or more, CUDA capable

Recommended hardware for Image Processing, Point Cloud Registration

- Dual Display: 1920 * 1280 px
- Input: keyboard and mouse with wheel
- Processor: 8 Core 3.5 GHz or more
- RAM: 64 GB or more
- Disk storage: SSD of 2TB or more
- Graphics: DirectX11 compatible, 16 GB memory or more, CUDA capable

1.2 New: Collaborative Projects

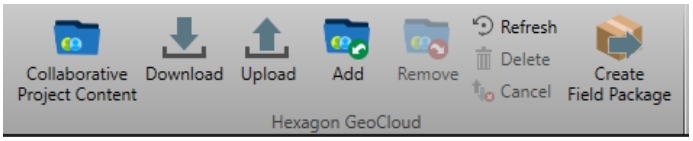
Projects



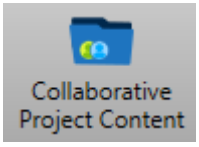
Collaborative Projects are master project containers that are a structured way to let users organize their project work together throughout various workflows on a worksite.

They consist of project properties (Coordinate System, Codelist) that are carried to when a use creates an Infinity project or a Captivate job from within a collab project. They can have various project content as well, such as regular IPRJ Infinity projects, regular DBX jobs, CAD/IFC/GIS Reference files, and any files you want to store in the project.

Use Infinity to create and manage all your collaborative projects.



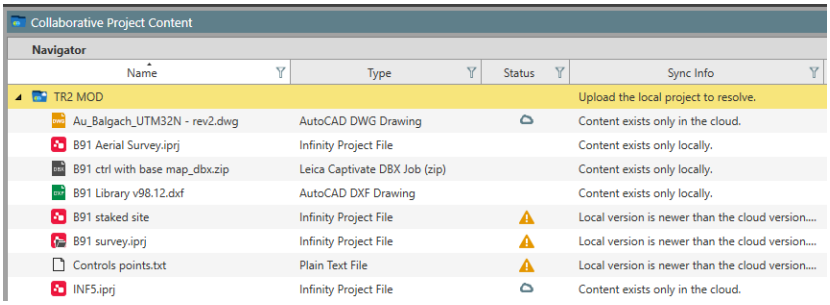
Collaborative Project Viewer



Manage collaborative projects using the new navigation window. The viewer sits inside an Infinity project and lets a user manage the data contents.

Use it to add and remove files. Use it to manage creating Infinity projects that are helpful for organising phases of project work.

When connected to Hexagon GeoCloud service, use it to choose what data might be useful in the cloud and upload. Or download from a cloud project. And always be aware of where the data is and if it is in sync and up to date.



Field Package



Infinity is the office software to create and manage collaborative projects. When data has been prepared and is ready for fieldwork, use a field package to select and include the important jobs, files, and other data needed for the field software.

Especially helpful when working offline and needing to transfer data to a memory device or directly to the CS50, TS20.

A field package needs to be transferred on the controller to make the collaborative project accessible.

Hexagon GeoCloud



Customers with a Hexagon GeoCloud subscription can connect to their workspace and, when connected, can also use the cloud to store and sync data.

Use Hexagon GeoCloud as your cloud management of Collaborative Projects and make them accessible across your teams.

1.4 Support Tab

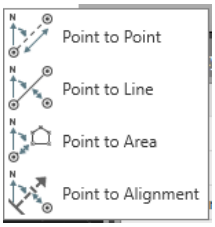
Support shortcuts

Find all the helpful links and information about Leica Infinity, the CLM, your license, learning materials and more in a new ribbon bar tab.

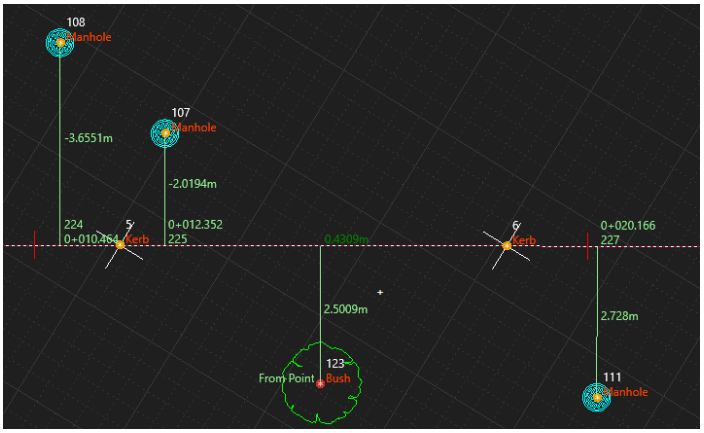


1.3 COGO Measure point

Measure points



New COGO methods allow users to measure one or more points against a reference line or alignment. For each point, Infinity calculates the chainage (perpendicular projection along the alignment), the lateral offset (left or right), and the height difference. Results are shown in the tool results panel and can be saved to a report.

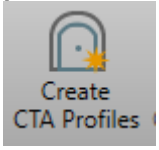


Measure point to area

Select an area, open the measure to point tool and select the points you want to measure to. Choose between 2D and 3D projection directions to show distance and height differences.

1.5 Infrastructure Tunnel

Create CTA profiles

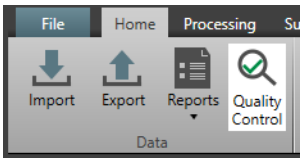


Users can import point clouds, choose to generate tunnel rings based on chainage proximity, and then create CTA profiles from them. This supports workflows in which field data was collected using a laser scanner or LiDAR device that does not use Captivate Tunnel apps.

1.6 Quality Control Tool

Quality Control

The Quality Control adds two new data rules, and the tool is now in the Home ribbon tab, making it more integrated as part of data import workflows.



Duplicated control points



The points listed in this check indicate the number of control point roles with the same name in the project. It is common, after importing different data sources, for multiple instances of control points to exist, with differences in position.

Use this list to identify the correct point role and use tools like the rename tool to better identify duplicates.

Code conflicts



The points listed in this check will have more than one point code assigned. After importing different field jobs, it can happen that two different imported jobs have the same measure point ID, but each has a different code.

Use this list to review which code should be set as active or use the rename tool to address a wrongly used point ID.

1.7 Features, CAD, data prep

Create Offset

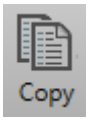


Use the offset tool to easily create new features from the selected line, closed line or area. Set the offset dimension to define how the in or out, above or below are computed or if the offset should be perpendicular to the feature plane.

When it's requiring two or more new features offset from the selection, set the number of offsets to create.

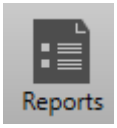
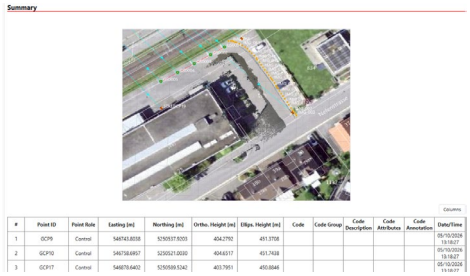
1.8 Drafting

Copy Feature



A nice feature to easily duplicate content in a drawing sheet. Once a feature has been created, including all its style settings, use the copy feature to duplicate and insert it into the required position.

1.9 Reports

Report Generator 	Reports have been updated to give you more control over content and make large tables easier to work with. • Configurable sections: Enable or disable report sections to include only the information you need. • Sortable columns: Sort table columns to find and compare data quickly. • Column and row selection: Highlight the active column or row to keep your place when reviewing large tables.
Insert screenshot	Easily add a screenshot, so your report shows exactly what you see on screen. Right-click the location where you want to add the screenshot, then choose Insert screenshot. 

2.0 General application improvements and fixes

Surfaces	It is now possible to texture any surface using an orthophoto generated in the same project.
Map Services	Updates to support user-defined services for WMS, WMTS, and XYZ, which should allow access to and use of broader capabilities of base map services, such as Google Maps.
Import	Fixed an issue where drag-and-drop of multiple files to Infinity project could show a “No data imported” message.
Import XML	Fixed an issue importing xml files exported from Bentley, when surfaces included break lines, the break lines were not being imported.
Import XML	Improved importing of xml files from Civil3D that include composite structures that define a road feature.

Layer Manager	Fixed a crash when using the large ribbon bar button to close the layer manager window.
Features	Fixed an issue where, when creating a line using 2D points from SHP files, there was a long delay before the Store button was available.
COGO	Fixed the issue where, when changing the distance type (grid to ellipsoidal) after computing a point-to-point method, Infinity would crash.
Surfaces	Fixed the issue where, when computing comparison maps between two surfaces, it was not possible to set a height difference colour to be transparent.
QC Tool	Fixed the issue where, when the Inspector was using a search filter, it was also being applied in the QC tool, where filters are not used.
Adjustments	Fixed the issue where, when removing a stored result, it could be that the point role source of observation data would use the incorrect point role compared to when the adjustment was stored.