

Digital Layout

Version 2.0 Release Notes

March 2026



New Release

Topcon Digital Layout version 2.0 Release Notes - Introduction

Please take time to read these Release Notes. They contain information about the following:
New Features

NOTE: It is always recommended, before upgrading your field software, user's backup their original project data; and following any update to your field software, users perform in-the-field checks to ensure data integrity

Version 2.0

New Features & Improvements

LN-1000i support

TDL now supports the new LN-1000i instrument

Camera and reflectorless functionalities on LN-1000i

TDL is updated to utilize the new LN-1000i features like the camera, reflectorless measurements, etc.

Search and lock prism via camera feed

Users can now utilize the LN-1000i's camera view to easily search for and lock onto the prism by simply clicking the desired area within the live camera feed.

Layout Elevation

A new routine has been added that enables users to define a specific elevation for layout, providing greater control for elevation-specific tasks.

Setup Anywhere: Automatic

The automatic method in Setup Anywhere enables users to measure any known points, after which the application analyzes the geometry of the measurements and associates them with existing known points.

Linework data

Ability for users to select linework and view detailed information about the selected element.

“Centering + Occupation” view mode in plan view

A new map view mode “Centering + Occupation” is added. This map view mode assumes that the plan view is always centered at the current position, the top of the screen is automatically oriented to the total station. This can help users orientate themselves easier while facing the instrument.

Re-center button to recenter plan view

New button allows users to instantly recenter the current plan view to the center of the crosshair for improved navigation.

Bulk action on multiple points in plan view

Users can now perform bulk actions on multiple points simultaneously from the plan view, improving efficiency in point management.

Improved mass selection in point list

Added ability to mass select points in the point line by selecting a start and end point to highlight all points in between.

Reassign layers for TDL linework

ability to move TDL-created linework to different layers.

Improved reporting functionalities

Layout reports now include deviation data and can be exported in both CSV and TXT formats.

Add offset to Height Transfer

Added ability to apply an offset in the Height Transfer routine.

Ability to see laid out points in Calculate routine

Laid out points are now visible and selectable within the Calculate routine.

Ability to edit names of layers

Users can now edit layer names.

Ability to delete layers

Users can now delete layers to better manage and organize project data.

Remeasuring does not require remeasuring all known points during Setup Anywhere

During the Setup Anywhere routine, users can now remeasure a known point without needing to remeasure all other known points, streamlining the setup process and saving time.

Updated point icons

Updated point icons for improved consistency and clearer visual distinction between different point types.

Defects

- Fixed an issue where Check for Updates did not show available updates
- Fixed an issue where a setup could be accepted even if known points had not been measured
- Fixed an issue causing circle linework to appear only when zoomed in
- Adjusted point icons to show the correct point type for the associated points
- Fixed an issue preventing a project from being deleted
- Fixed an issue where certain elements in a drawing would disappear after import
- Fixed an issue where “Copy to Known Point” would not appear when multiple points were selected
- Fixed multiple UI issues where certain text and UI elements did not display correctly