Trimble Perspective

Version 2.1.1   April 2021

These Release Notes describe the new features and changes available in this release of the Trimble® Perspective software.

New hardware support

New features

- **Magnifier**: New tool that allows you to zoom into a limited area and see the point cloud displayed in full density. This tool is ideal for evaluating the scan coverage as well as analyzing the results of the registration.
- **DFS channels within Japan region**: This release of Trimble Perspective adds the ability to select channels assigned for DFS use.
- **Trimble Perspective Mobile**: This release of Trimble Perspective can be used with the new Trimble Perspective mobile app.

Enhancements

- **Elevation Filter**: Added a text field to let the user define the elevation interval manually.
- **Enhanced Report**: You can now insert an image such as a company logo for all reports. In addition, the reference station for the refine report is now displayed.
- **Push Button Workflow**: With this release of Trimble Perspective the scan settings are sent to the scanner without the need to first launch a scan from Perspective.
- **Points**: Icons for Annotation and Precision points have been improved for faster and clearer identification.

Resolved issues

- **ASCII**: Improved support for Unicode characters in the username.
- **Georeferencing**: Resolved an issue where the scan was not being moved correctly.
- **Image Capture**: It is now possible to change settings during initialization.
- **Import**: The import path is now persistent.
- **Precision Point**: Preview Panorama is no longer available to create or display precision points.
- **Laser**: Turning on and off no longer causes the view to jump.
- **Pause Button**: Needs to be more reactive - CUSTOMER BUG.
- **Scan Button**: Resolved an issue where the scan button would sometimes become unresponsive at initialization phase.
- **Scan Download**: Resolved an issue where scans and images would sometimes not download properly.
- **Connection**: Resolved an issue where the application could crash when trying to open a project while reconnecting to the instrument.
- **Import TZF**: Resolved an issue where leveled TX8 scan data would be shown unleveled in Trimble Perspective.

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- **Manual Registration Tool**: Resolved an issue where scans would be shown linked when not actually linked.
- **Push Button Workflow**: Resolved an issue where the scan is not downloaded in the new project when using the push button workflow.
- **Split Registration**: A link was created even if the result is only check registration.
- **TP Crash**: Resolved multiple issues that could cause a crash.
- **Upside-down scans**: Upside down scans now will automatically attempt to register.
- **Elevation Rendering**: Resolved an issue with units used to define the range of colored zones. The elevation rendering now uses the length units.
- **Notifications**: Resolved an issue concerning the low scanner battery warning.
- **Project Name Display**: Resolved an issue where the project name would not display on the saving registration report dialog.
- **Minimize Report**: Resolved an issue where the 3D display would lag when report was minimized.
- **SD Card Error Message**: Resolved an issue where an error would display showing that the SD card was full when reconnecting to X7.
- **Georeferencing**: Resolved an issue where a warning did not display when deleting a station containing matched points.
- **Refine Report**: Resolved an issue where refine report would only show one reg set when multiple registration sets were refined.
- **Image Acquisition**: Resolved an issue that would allow you to change the image capture settings during image acquisition.

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