

Trimble RealWorks



GEOSPATIAL

July 2023

Version 12.4.3 Release Notes

Introduction

These release notes describe the features and enhancements that are new in version 12.4.3 of the Trimble® RealWorks® software. For further information, visit www.trimble.com/support/.

System Requirements

- Operating system: Microsoft® Windows® 10, 11 - 64 bit
- Processor: minimum 2.8 GHz (Quad-Core) or higher, (additional cores with Hyper-Threading support strongly recommended)
- RAM: minimum 16GB (32GB and higher recommended)
- Graphics card: OpenGL 3.3 compatible with minimum 1GB VRAM (3GB or higher and OpenGL4.4 recommended)
- NVidia graphics cards based on the Ampere architecture (RTX Axxx series) are currently not supported in commands 'Auto-Segment Steel Beams' and 'Auto-Segment Moving Objects'
- 3-button mouse

Other requirements

Solid State Drive (SSD) for maximum performance (pref. 1TB, M.2 NVMe PCIe Gen 4 x4) - strongly recommended.

Upgrade Procedure

Install the software from this location (**Internet connection required during installation and license or subscription verifications**): [Support and Downloads](http://www.trimble.com/support/)

<http://geospatial.trimble.com>

New Features and Enhancements

Registration

Description	New or Enhanced	Feature Overview	Benefit/Comments
Custom size for black and white targets in Auto-extract	Enh	A new edit field has been added in <i>Auto-Extract Targets</i> to define the size of the black and white targets to be extracted.	Ability to use different sizes of targets

Resolved Issues

- **RCP export:** Fixed accuracy issue in Autodesk® ReCap for projects with large coordinates
- **RCP export:** Fixed "Mirror Ball" locations and RealView coordinates values in Autodesk® ReCap for multi-scan projects with large coordinates
- **RCP export:** Fixed case where some 360 scans were not exported
- **Panorama Export Location and Orientation:** Removed thousand separator comma
- **Create TZF Scan:** Fixed horizontal flip in color layer when using Trimble SX10/SX12 data
- **Multi Ortho-projection:** Fixed RGB/BGR color inversion in generated images
- **Image rectification:** Fixed RGB/BGR color inversion and horizontal flip
- **Print image:** Fixed horizontal flip
- **Tank secondary containment:** Fixed regression in the containment volume evaluation

Note: The updated API for the FARO .fls format has not been provided to Trimble, meaning FARO Premium scanners are not supported by Trimble RealWorks or any other Trimble product.

Legal Notices

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Release Notice

This is the July 2023 release of the Release Notes. It applies to version 12.4.3 of the Trimble® RealWorks® software.

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