SCENE Version 2025.0
Release Notes
April 2025

FARO is pleased to announce the release of SCENE and SCENE LT version 2025.0.

We would like to thank customers who provided valuable product input.
This release includes feature enhancements that are designed to increase productivity, mobility and ease-of-use.

Release Version 2025.0

New Features

- The new FARO BLINK scanner is fully supported in SCENE 2025.0.
- New colorizer algorithm for SLAM Scanners:
    - The colorization has the same quality as *Colorize by distance* for high resolution images.
    - The time it takes to colorize a scan is on average 1.5x times the capture time.
    - This colorization procedure is up to 25 times faster than *Colorize by distance* with high resolution images.
    - 90% of the points in the scan are colorized.
    - This algorithm is not sensitive to the number of points to be colorized. Running a thinning filter is not required.
- SC-8403: Rigid and non-rigid georeferencing has been added to the *SLAM Scanner* options. This allows to automatically register SLAM scans to references (*Georeference*). This transformation uses the reference points captured during the scanning phase with FARO Stream or by using the Stop&Go method.
- SC-8433: Trajectories created by the FARO Orbis scanner can be exported as text files in .traj format.
- SC-8550: The processing options have been restructured according to the different scanners (FARO scanners, generic option for third-party scanners) and registration.
- SC-8361: Now, high-resolution images can be used in the quick views. This is the default for FARO BLINK scans and for FARO Focus scans if you enable the *Create Full Resolution Panoramic Images* option at processing in SCENE.
- SC-8578: The FARO Focus colorization has been re-structured. Furthermore, a new option to compute full-resolution panorama images at processing has been added.
- SC-8555: Scan point clouds and project point cloud support color and intensity:
    - You can now change between color and intensity in 3D views.
    - When a project point cloud is exported as .las, .e57 or .rcs (ReCap) color and intensity values are included.

Improvements

- SC-8727: The refine connections procedure has been improved to prevent false registration results and to enable refining connections from scans that were not pre-registered.
- SC-8255: The *SLAM Scanner* settings page has been restructured and adapted.
- SC-8432: When exporting panoramic images of a scan, cluster or project, the position and orientation of these images are automatically exported to a .txt file in the same folder as the images.
- The FARO Scanners - Focus, Orbis and BLINK - are now shown with different symbols in the 3D view.
- SC-8609: A progress bar informs users about the status of a polygon 3d selection.
- SC-8378: SCENE automatically creates scan point clouds for processed scans when opening 3D views. This can be deactivated on the *Views* settings page. It is recommended to deactivate this setting when working with light projects downloaded from Sphere XG.
- SC-8090: When connected to a Sphere XG workspace, project tiles in the project selector page are downloaded much faster than before.
- SC-8138: When SCENE is downloading data from Sphere XG, the Sphere XG avatar in the top right corner now shows a spinning wheel.

Bug Fixes

The following issues have been fixed:

- SC-8347: If you closed a project while a SLAM processing was still running, the job was still shown as *In Progress* in the *SLAM Processing Activity* form. The same behavior occurred when a second SLAM processing was started for another project. Then, both processing jobs were shown as *In Progress*.
- SC-8431: An error message with no information value for the user was shown in the *SLAM Processing Activity* form.
- SC-8520: Some texts on the *SLAM Scanner* settings page and in the *SLAM Processing Activity* form were not translated into FARO's core languages.
- SC-8490: Images contained in a .geoslam file could not be opened before saving or opening a scan after running a SLAM processing.
- SC-9087: Image pose was wrong when exporting Orbis flash scans as e57
- SC-9084: Occasionally, when processing multiple SLAM scans, processing failed during filtering.
- SC-9021: When connected to a Sphere XG workspace with a lot of projects, SCENE sometimes showed *No Projects* while refreshing the view. Now, a spinning wheel is displayed until the projects are shown.
- SC-8413: If you added a .png file with transparent background as watermark for a video of view points with the Video Pro app, the transparency setting of the .png file was ignored and the watermark was displayed with a black frame.
- SC-8494: After importing an .e57 file with intensity only into SCENE and then uploading it to Sphere XG, the panorama images were completely white in the Sphere XG Viewer.
- SC-9017: Sometimes projects with more than 100 cluster could not be uploaded to Sphere XG.
- SC-8543: At project transfer, the target folder could be changed but was then ignored.
- SC-8509: An unknown error (60011) sometimes occurred for a subset of a project's scans during processing.
- SC-8589: Occasionally, importing large .e57 files failed.

Further Changes

- SC-8273: Starting from this version, SCENE will enable reprocessing of already processed mobile scans with a limited functionality scope. The reprocessing will always start with the scan after the SLAM processing and not with the current state of the scan. Until a new version of reprocessing is launched, this first version can only be used in Georeferencing and to reprocess when the SLAM processing result is not satisfactory.

Known issues

- When processing scans, the Settings page may wrongly show the settings from the last scanner type that you were processing. Clicking any of the tabs shows the right settings.

Further Information

Online Help and Video Tutorials

FARO's Knowledge Base provides a variety of online tutorials for SCENE software. Access them from the Help menu within SCENE or with the following link: knowledge.faro.com/Software/FARO_SCENE/SCENE

Visit the FARO Customer Service area on the Web at www.faro.com to search our technical support database, which is available 24 hours a day, 7 days a week. The link to the technical support database is also accessible from within SCENE.

Version History and Release Notes/

The full version history and past release notes can be found on the FARO Knowledge Base

Computer System Recommendations

A detailed list of computer system requirements and recommendations can be found in the SCENE user manual.

Contact Information

- FARO Technologies, Inc.
  250 Technology Park
  Lake Mary, FL 32746
  800-736-2771 U.S. / +1 407-333-3182 Worldwide; FAX: +1 407 562 5294
  Email: support@faro.com

- FARO Brazil
  Rua San José, 360
  Cotia, SP 06715-862
  Phone: 0800-047-4271 / +55 11 3500-4600
  Email: suporte@faro.com

- FARO Europe GmbH & Co. KG
  Lingwiesenstrasse 11/2
  D-70825 Korntal-Münchingen, Germany
  FREECALL +800 3276 7378 / +49 7150/9797-400
  FREEFAX +800 3276 1737 / +49 7150/9797-9400
  Email: support.emea@faro.com

- FARO Singapore Pte. Ltd.
  3 Changi South Street 2
  #01-01 Xilin Districentre Building B
  SINGAPORE 486548
  TEL: 1800 511 1360, +65.6511.1360 ; FAX: +65 65430111
  Email: supportap@faro.com

- FARO Japan,c.
  716 Kumada, Nagakute-City,
  Aichi, 480-1144, Japan
  TEL: 0120-922-927, 052.890.5011; FAX: 052.890.5012
  Email: supportjapan@faro.com

- FARO (Shanghai) Co., Ltd.
  1/F, Building No.2
  Juxin Information Technology Park
  188 Pingfu Road, Xuhui District
  Shanghai 200231 CHINA
  TEL: +800 6511 1360, +86 021 61917600; FAX: +86 21 64948670
  Email: supportchina@faro.com

- FARO Business Technologies India
  Pvt. Ltd. E-12, B-1 Extension,
  Mohan Cooperative Industria Estate,
  New Delhi-110044, India
  Tel.: 1800.1028456
  Email: supportindia@faro.com