

FARO® Announces SCENE 2018 with FARO Laser-HDR™ and High Detail Scanning

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Enhances Traceable Construction™ for AEC

LAKE MARY, Fla., Aug. 28, 2018 /PRNewswire/ -- FARO® (NASDAQ: FARO), the world's most trusted source for 3D measurement and imaging solutions for construction BIM, announces the release of SCENE 2018 (<https://www.faro.com/scene>), a tightly integrated software platform specifically designed for the FARO Focus Laser Scanner product family. This introduction represents a substantial leap forward for 3D reality data capture and the FARO-driven concept known as Traceable Construction™, in which optimizing the entire AEC construction lifecycle is accounted for in the solution's strategy, development and execution.



A New Standard in HDR Photography

The new FARO Laser-HDR™ (patent pending) feature in SCENE 2018 improves on conventional multi-exposure HDR techniques by intelligently combining a laser scan image and a photograph through a proprietary FARO process. This results in a laser enhanced HDR image in breathtaking color and detail in even the most challenging environments. This advanced feature is fully backwards compatible and thus allows all generations of FARO Focus Laser Scanner products to achieve exceptional HDR results in a considerably shorter amount of time. Finally, even as recording time (5X faster than traditional HDR) and data volume are dramatically reduced (150 MB per scan), all image details are captured in a single shot and the functionality can be used even if the laser scanner does not support HDR by default.

Increased Productivity Through High Detail Scanning

Defined areas, such as registration marks, can now be recaptured in higher resolution at a great distance from the same scanning position. FARO Focus S150 and S350 users now benefit from significant time savings on site, at least 1.5X faster than when it was required to perform high-resolution scans continuously. Furthermore, since the registration workflow is now fully automated (i.e., no manual interaction needed to process high detail scan data on an onsite PC/workstation), in-field and in-office productivity is improved even more substantially.

Efficiency Through Full Color Panoramic Images

SCENE 2018 enables a full camera resolution color image to be exported, independent of scan resolution. In those situations where high resolution color is required but high resolution scan is not, time savings of up to 80% can be realized.

Improved Performance and Stability

Scan quick views now open significantly faster and users can be ready to work with the data in half the time than before. Scan projects can be exported up to 75% faster to be shared more efficiently with project stakeholders via the FARO WebShare Cloud and SCENE 2go platforms.

Enhanced Virtual Reality (VR) Experience

SCENE 2018 builds on the VR base first introduced on SCENE 7.1 in 2017. First, it enables an even more natural, immersive experience with significantly fewer instances of motion sickness based on rigorous user testing. Next, it enables a more cost effective VR use case as it now offers improved compatibility with mid-priced Microsoft Mixed Reality Headsets. Together these improvements are expected to facilitate greater adoption of VR-enabled SCENE as a workflow efficiency tool across the AEC industry.

"The improvements in SCENE 2018 and derived benefits for FARO long range scanners offer another significant contribution to enhancing quality and efficiency across the entire construction life cycle," stated Andreas Gerster, Vice President - Global Construction BIM. "This is the next step to realize our vision of Traceable Construction™ by better capturing and processing reality in 3D and then by sharing information through seamless, tightly integrated best-in-class solutions."

About FARO

FARO is the world's most trusted source for 3D measurement, imaging and realization technology. The Company develops and markets computer-aided measurement and imaging devices and software for the following vertical markets:

- Factory Metrology - High-precision 3D measurement, imaging and comparison of parts and complex structures within production and quality assurance processes
- Construction BIM - 3D capture of as-built construction projects and factories to document complex structures and perform quality control, planning and preservation
- Public Safety Forensics - Capture and analysis of on-site real world data to investigate crash, crime and fire, plan security activities and provide virtual reality training for public safety personnel
- Product Design - Capture detailed and precise 3D data from existing products permitting CAD analysis and redesign, after market design and legacy part replication
- 3D Machine Vision - 3D vision for both control and measurement to the manufacturing floor through 3D sensors and custom solutions

FARO's global headquarters is located in Lake Mary, Florida. The Company's European regional headquarters is located in Stuttgart, Germany and its Asia-Pacific regional headquarters is located in Singapore. FARO has other offices in the United States, Canada, Mexico, Brazil, Germany, the United Kingdom, France, Spain, Italy, Poland, Turkey, the Netherlands, Switzerland, India, China, Malaysia, Thailand, South Korea, Japan, and Australia.

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 that are subject to risks and uncertainties, such as statements about demand for and customer acceptance of FARO's products, and FARO's product development and product launches. Statements that are not historical facts or that describe the Company's plans, objectives, projections, expectations, assumptions, strategies, or goals are forward-looking statements. In addition, words such as "is," "will" and similar expressions or discussions of FARO's plans or other intentions identify forward-looking statements. Forward-looking statements are not guarantees of future performance and are subject to various known and unknown risks, uncertainties, and other factors that may cause actual results, performances, or achievements to differ materially from future results, performances, or achievements expressed or implied by such forward-looking statements. Consequently, undue reliance should not be placed on these forward-looking statements.

Factors that could cause actual results to differ materially from what is expressed or forecasted in such forward-looking statements include, but are not limited to:

- development by others of new or improved products, processes or technologies that make the Company's products less competitive or obsolete;
- the Company's inability to maintain its technological advantage by developing new products and enhancing its existing products;
- declines or other adverse changes, or lack of improvement, in industries that the Company serves or the domestic and international economies in the regions of the world where the Company operates and other general economic, business, and financial conditions; and
- other risks detailed in Part I, Item 1A. Risk Factors in the Company's Annual Report on Form 10-K for the year ended December 31, 2017 and in Part II, Item 1A. Risk Factors in the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2018.

Forward-looking statements in this release represent the Company's judgment as of the date of this release. The Company undertakes no obligation to update publicly any forward-looking statements, whether as a result of new information, future events, or otherwise, unless otherwise required by law.

More information is available at <http://www.faro.com>



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