

# FARO Updates SCENE for Faster Performance and Better VR



FARO has announced the 2018 version of its processing and visualisation solution for their Focus line of scanners. This platform has been developed with an eye toward optimising “the entire AEC construction lifecycle,” or what FARO calls “traceable construction.”

The software includes a new feature called Laser-HDR that uses a proprietary process to “intelligently” combine a laser scan image and a photograph. FARO promises that the results improve on conventional multi-exposure HDR techniques, cutting down on scan time by 5x and reducing data volume to 150MB per scan.

Notably, the feature is compatible with “all generations” of FARO Focus laser scanners, meaning that the functionality is available even to users who don’t own a laser scanner equipped for HDR by default.

SCENE 2018 enables owners of FARO S150 and S350 scanners to capture a scan in reduced resolution, then recapture defined areas in higher resolution without moving the scanner. This speeds up scans by 1.5x when compared to performing continuous high-resolution scans.

Other features include a fully automated scan-registration workflow in the software, the ability to export full-resolution colour images independent of the laser scan, and performance upgrades that allow users to open scan projects 50% faster, and export 75% faster.

FARO has also promised VR compatibility with Microsoft’s line of mixed-reality headsets, and more natural VR experience “with significantly fewer instances of motion sickness based on rigorous user testing.”

For more information, [see FARO’s website](#).