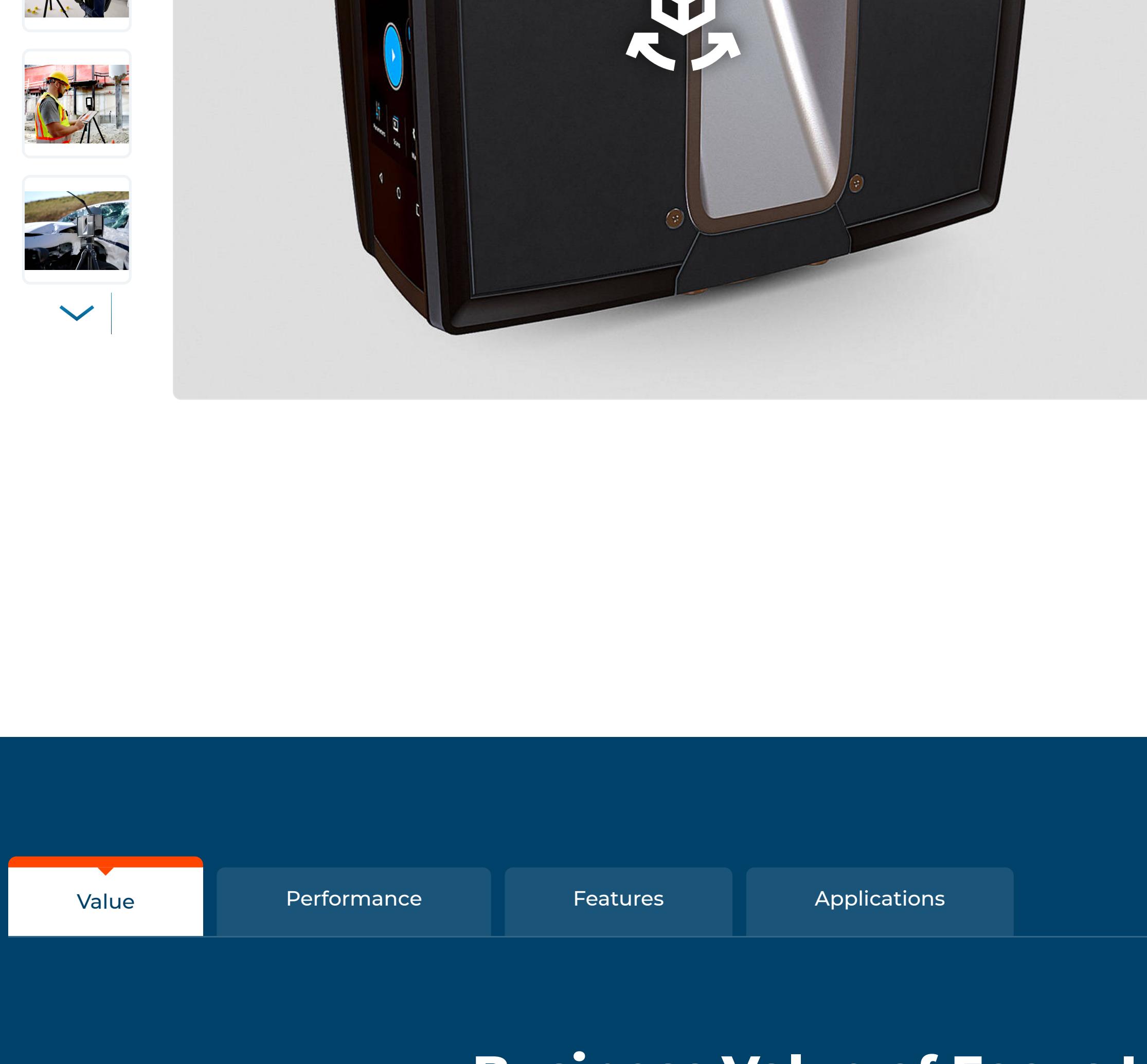


# FARO Focus Laser Scanners

Capture accurate and complete measurements of buildings, facilities and complex environments with confidence



Capturing the measurements of a large building, facility, or crash/crime scene with conventional documentation can take days or weeks, and even then, the data might be incomplete. But the FARO Focus Premium and FARO Focus Core create accurate, photorealistic 3D representations of any environment or object in just a few minutes – even in the most extreme outdoors conditions.

For best on-site data capture, Focus Premium connects with the new FARO Stream app, bridging FARO hardware to the FARO Sphere cloud environment. Pre-registration scans are fed directly into the cloud, so jobs can be done more efficiently. Users can also benefit from Hybrid Reality Capture™, powered by Flash Technology™. The new scan mode for the FARO Focus Premium Laser Scanner is available as an add-on subscription that combines the accuracy of a 3D scan with the speed of a panoramic camera – enabling fast scans in under 30 seconds with colorized 360° images that save up to 50% scanning time.

[Schedule a Live Demo](#)

[Download the brochure for AEC professionals →](#)

[Download the brochure for Public Safety professionals →](#)

Value Performance Features Applications

## Business Value of Focus Laser Scanners

### Never Miss a Measurement

The comprehensive, fast, accurate capturing of everything within the Focus Premium's Laser Scanner's line of sight ensures that you never have to go back to a site for missing measurements. Pre-registering and viewing your 3D scan data on-site provides the confidence your teams need to know they are done with the job.

### Reduce Rework and Material Waste

Knowing the as-built conditions of your project ensures your designs fit the first time. And monitoring construction progress regularly and frequently in 3D helps you identify issues before they become costly and delay your schedule.

### Manage Large and Complex Projects with Confidence

In combination with FARO software solutions and WebShare (as part of Sphere) for easy 3D data sharing, you will always know what's happening with your projects.

### Make Informed Decisions

With the information at your team's fingertips, they'll be equipped to make smarter decisions faster and stay ahead of any problems.

### Adapt As Needed

With its unique expandability, a FARO Focus Laser Scanner grows with your needs. The integrated accessory bay allows you to add new sensors or indicators to your device. And the FARO Swift extension allows you to turn your Focus into a super-fast mobile scanning system for large indoor projects.

### End the Speed-Accuracy Tradeoff

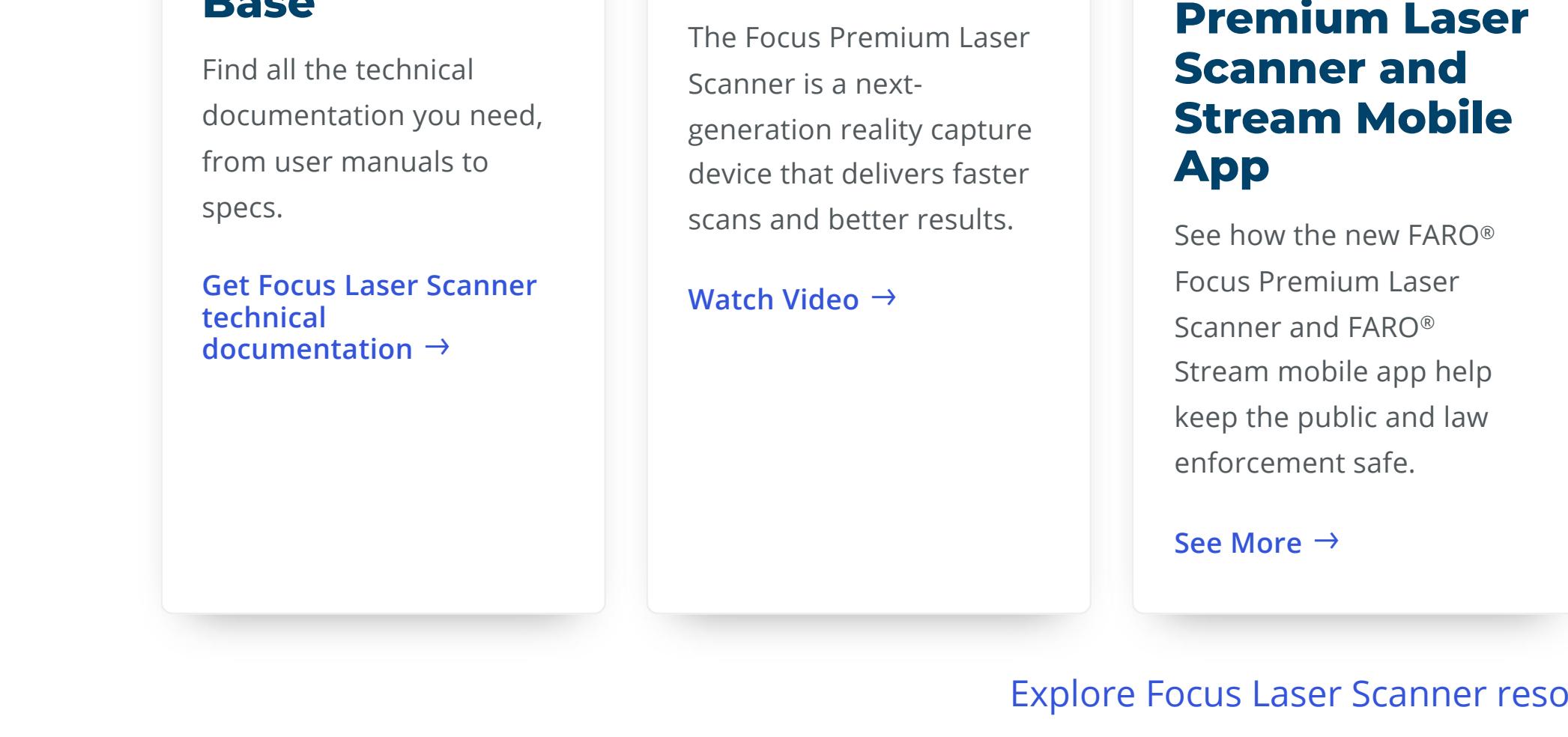
For too long those in the precision measurement industry have had to contend with the speed-accuracy tradeoff. The faster scans were taken, the greater the point cloud accuracy diminished. Slow down speed in favor of accuracy and critical time – and potential business – was lost. With Hybrid Reality Capture, Powered by Flash Technology the speed-accuracy tradeoff (SAT) has essentially been solved. By employing this technology users can anticipate up to 50% scan times savings and a reduction in per-project costs.

### Scan large-scale projects with Ease

Thanks to the enhanced scanning speed that Flash Technology enables, large-volume projects for Architecture, Engineering, and Construction and public safety on-scene applications has never been easier, providing scans in less than 30 seconds. And thanks to proprietary smart upscaling algorithms, full-color scans look more crisp than the same resolution scans with traditional methods.

### Scan more in less time

With Flash, users can save up to 2.5 days of scanning for projects that require five scanning days. This saved time allows users to consider taking additional scans that they might not have taken under slower scanning systems, ensuring improved on-site productivity, even more predictable accuracy, and all of that achieved with state-of-the-art colorized visual clarity at an affordable price.

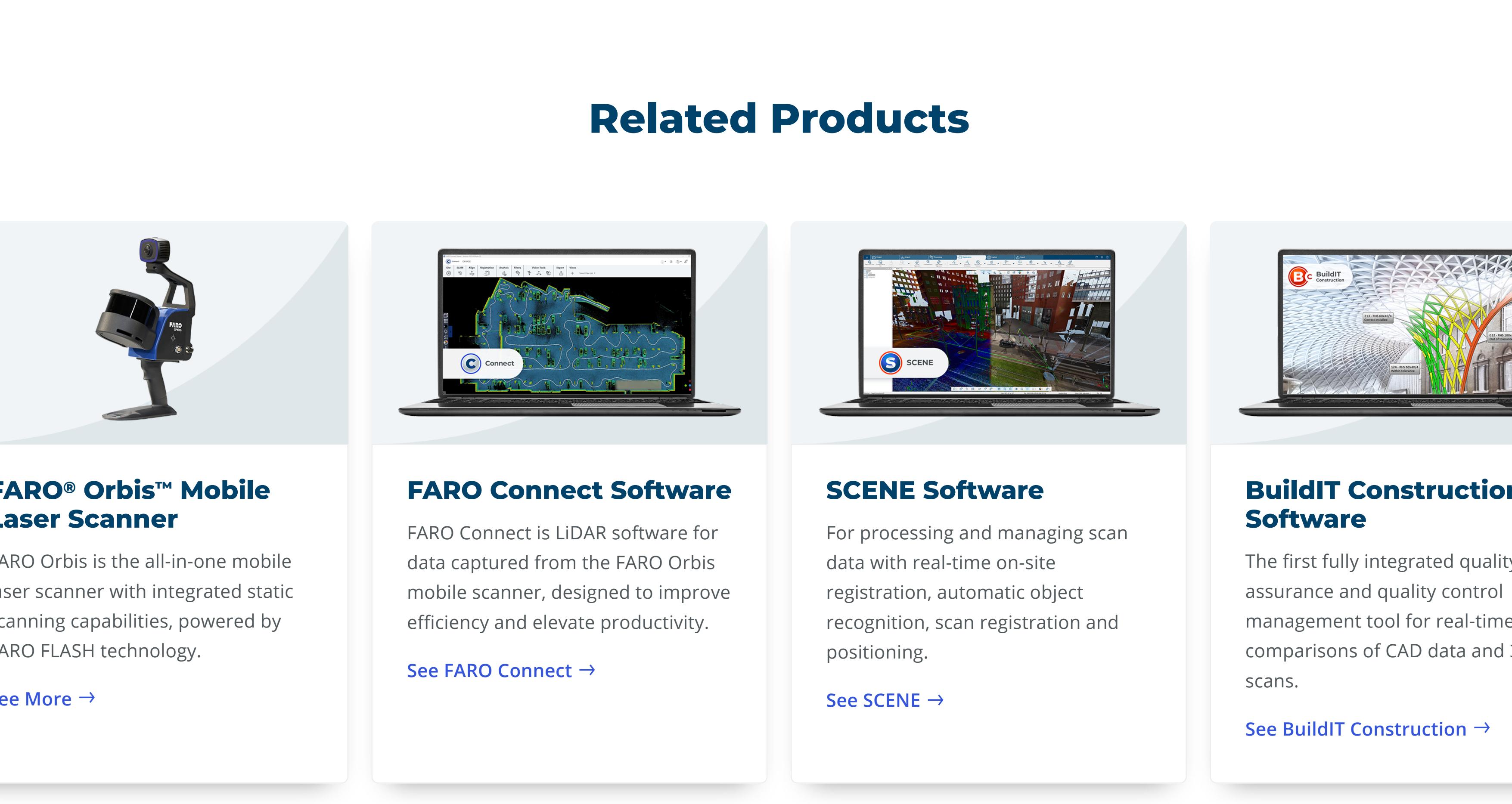


NEWS

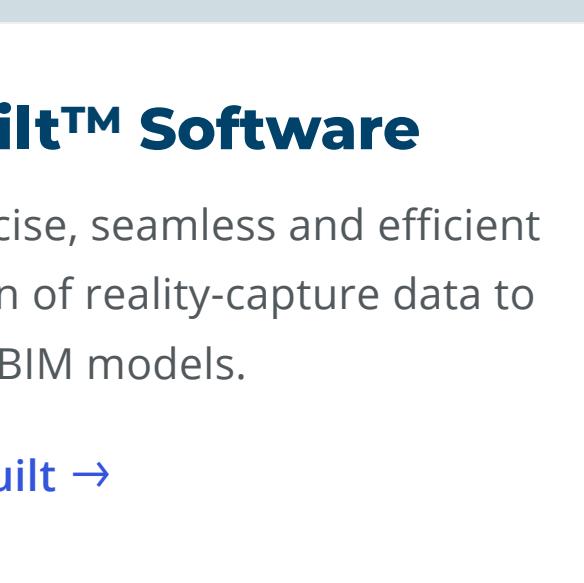
### FARO Releases Hybrid Reality Capture

FARO announced the release of Hybrid Reality Capture™, powered by Flash Technology, a first-of-its-kind solution that delivers faster scanning for large-volume projects in architecture, engineering, construction, and public safety applications.

[See More →](#)



## Product Details and Resources



### Focus Laser Scanner Knowledge Base

Find all the technical documentation you need, from user manuals to specs.

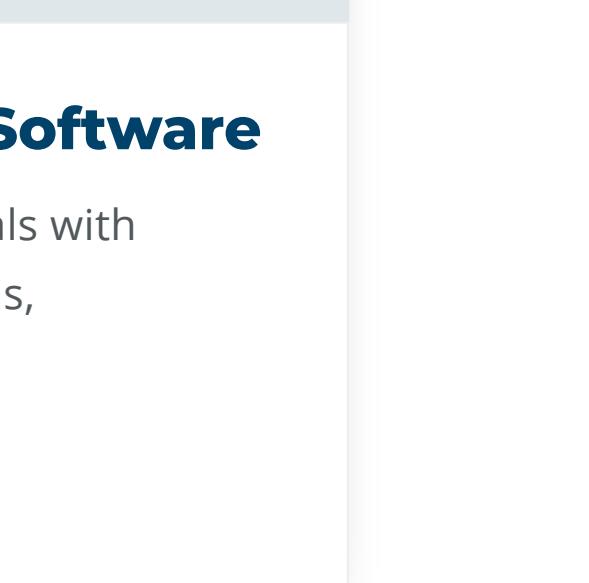
[Get Focus Laser Scanner technical documentation →](#)



### The Newest FARO Focus Laser Scanner is Here

The Focus Premium Laser Scanner is a next-generation reality capture device that delivers faster scans and better results.

[Watch Video →](#)



### Scenes Scanned Faster with the New Focus Premium Laser Scanner and Stream Mobile App

See how the new FARO® Focus Premium Laser Scanner and FARO® Stream mobile app help keep the public and law enforcement safe.

[See More →](#)



### How Denmark's Largest Technological Installation Business Utilizes Reality Capture

Kemp & Lauritsen has adopted Focus Laser Scanners for documenting large areas with high detail and accuracy.

[Watch the Kemp & Lauritsen webinar →](#)



### Jobsite Execution Using Remote Coordination Capabilities

Remote collaboration is a paradigm shift for many construction projects. Focus Laser Scanners make it easy.

[Watch the remote coordination webinar →](#)

[Explore Focus Laser Scanner resources >](#)

## Related Products



### FARO® Orbis™ Mobile Laser Scanner

FARO Orbis is the all-in-one mobile laser scanner with integrated static scanning capabilities, powered by FARO FLASH technology.

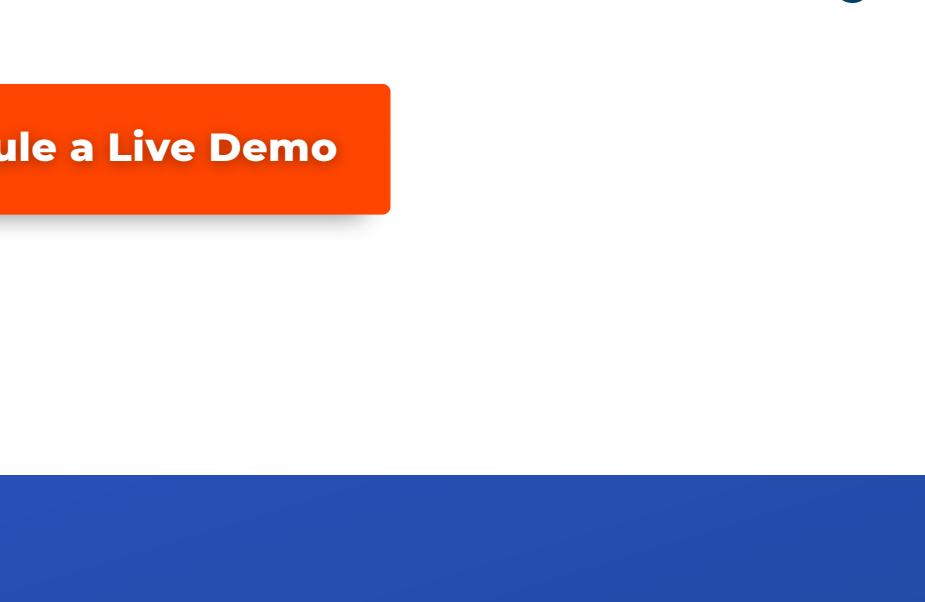
[See More →](#)



### FARO Connect Software

FARO Connect is LiDAR software for data captured from the FARO Orbis mobile scanner, designed to improve efficiency and elevate productivity.

[See FARO Connect →](#)



### SCENE Software

For processing and managing scan data with real-time on-site registration, automatic object recognition, scan registration and positioning.

[See SCENE →](#)



### BuildIT Construction Software

The first fully integrated quality assurance and quality control management tool for real-time comparisons of CAD data and 3D scans.

[See BuildIT Construction →](#)

“  
This is currently the best technology on the market for our purposes.  
Helmut Hörmannseder  
LINSINGER ZT GMBH

“  
The combination of the new Focus® Laser Scanner, Stream, and Sphere ... is going to cut our scanning and processing time down by 60% easily. This time savings will allow us to examine scanning projects more frequently, scanning projects we normally wouldn't have because of time constraints, and expanding our offerings to customers.  
Travis Voss  
HELM GROUP

“  
The new FARO® Focus Laser Scanner has some excellent speed improvements that will minimize times at crime and crash scenes.  
Eugene Liscio  
AI2-3D FORENSICS

Ready to see how Focus Laser Scanners can benefit your projects?

[Schedule a Live Demo](#)

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