



# The FARO® Focus Swift Solution Guide:

Introducing the first fully-integrated  
indoor mapping solution.



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# Surveying is Tedious

Whether at a build site, a warehouse, or a manufacturing facility, surveying accurately is crucial work. It's also expensive and time-consuming.

For most projects, using conventional tools means hiring a team to collect survey data - which often requires different software to upload and process properly. You need to plan carefully to be efficient as possible. But even when you plan perfectly, surveying with stationary equipment is subject to human error.

Measurement errors often mean sending a team to do the job a second or third time. A small error can mean project delays or inventory miscounts that stretch budgets and wreak havoc on supply chains.

Surveying is especially cumbersome if you're using multiple stationary tools to collect data about a job site. The bigger or more complex the job site, the more time is needed to break down and reposition equipment to collect data. Every time equipment is reconfigured is another invitation for a small but critical error that can push a project past deadline and over-budget.



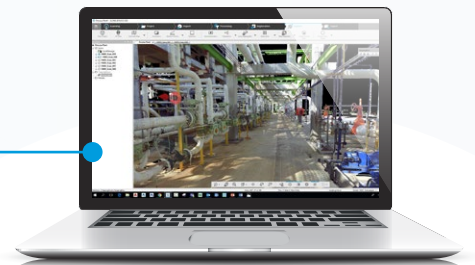
# Your Large Indoor Scanning Projects Just Got 10x Faster

The new Focus Swift system combines existing FARO technology to help you capture data with unmatched speed and accuracy.

## FARO Focus<sup>s</sup> Swift Laser Scanner

The Focus Swift can scan up to 1 million points per second while mobile and 2 million while stationary.

## SCENE mobile laser scanning software



## FARO® ScanPlan™ 2D Handheld Mapper

Quickly capture and visualize 2D floor plans for as-built floor plans of buildings, warehouses, factory floors and more.

## ScanPlan Mount

The lightweight mount system guarantees easy mobility and setup wherever needed.

## Portable Cart

Easily maneuver the Focus Swift through indoor spaces for faster, more detailed scans.

## Tripod

View, sync, and share scan data right from your smartphone.

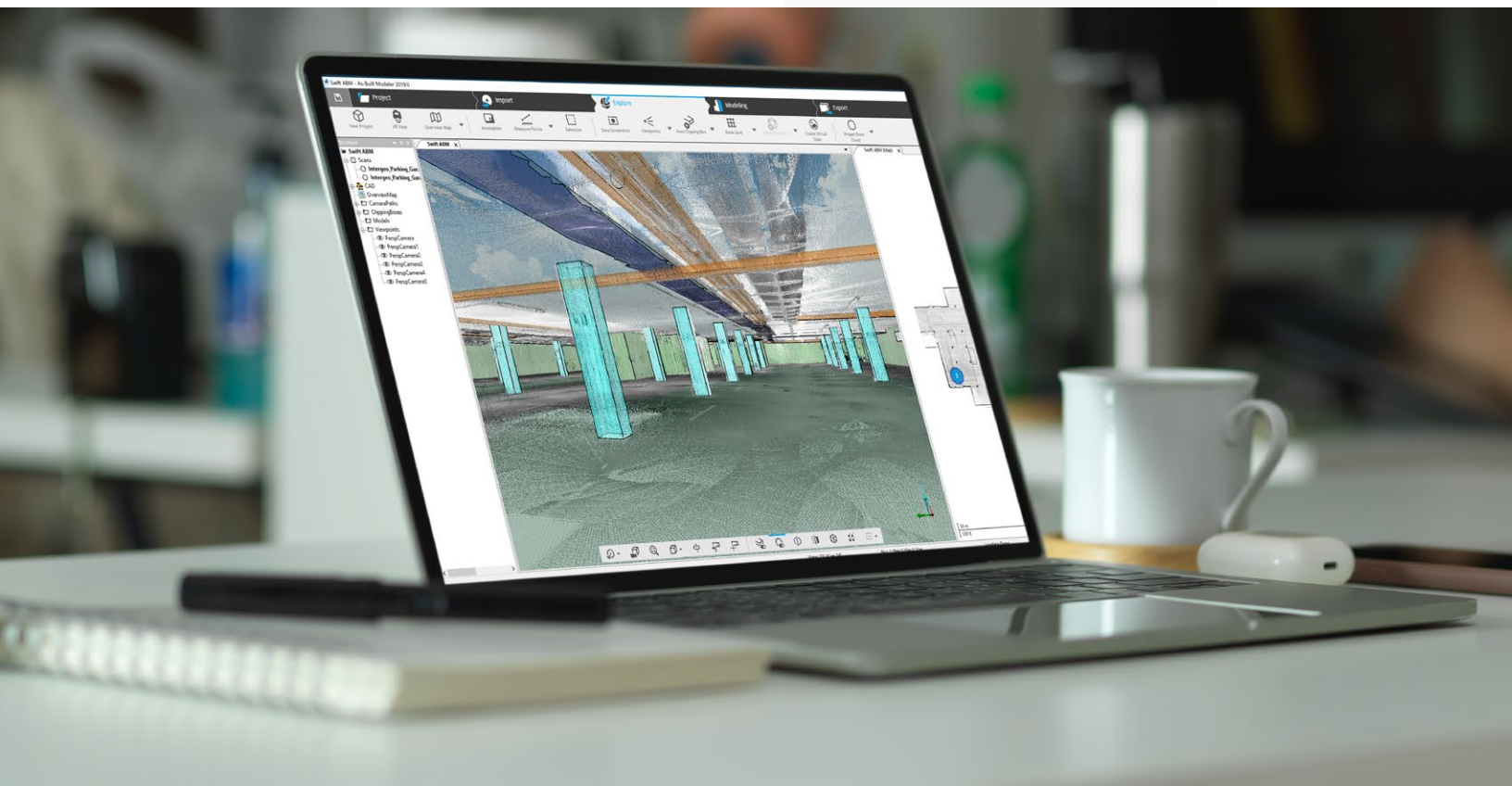




# Why Choose Swift?

Give your team the edge in speed and clarity with the state-of-the-art Swift scanning and mapping system.

- ✓ Get all the power of our trusted FARO Focus<sup>S</sup> Laser Scanner, FARO ScanPlan 2D Mapper, and FARO SCENE Software in one system.
- ✓ One-of-a-kind trolley system allows you to capture complete, accurate, and survey-grade data of a large space in less than 10 minutes.
- ✓ Switch between stationary and mobile capture modes for added versatility with uncompromised quality.
- ✓ Cut down valuable processing time with revolutionary FARO SCENE, a flexible software that automatically processes your data to create scans that easily integrate with any CAD software.



# Already Own a FARO Focus<sup>S</sup> Laser Scanner?

Your Focus<sup>S</sup> Laser Scanner already takes complete, survey-grade scans of large spaces like warehouses and build sites. Add the ScanPlan, ScanPlan mount and three-wheeled cart to harness the full power of your Focus<sup>S</sup> Laser Scanner, and suddenly a job that would have taken an hour with a stationary 3D scanner takes you only 6 minutes.

The Swift's intuitive design makes it easy to maneuver, with comfortable handles and operating with a simple push, capturing 1 million points per second while in motion. Lock the brakes and capture 2 million points per second for an even higher level of detail. The Focus Swift is also software flexible, enabling you to make direct imports using FARO SCENE into various CAD systems with 3D point cloud capabilities. Plus, the system's automated processes give you simplified workflow modeling.

The Focus Swift's performance level is unmatched and it's easy to learn, thanks to FARO's active user guidance. The system allows your team to work faster and better, delivering better scan coverage while eliminating on-scene and processing time.



**David Pratt**  
Regional VDC Manager  
Robins & Morton

"FARO has been a great support group for us. They offer us extra knowledge. They have been there for us from day one and they continuously offer us the support that we need to be successful utilizing scanners."



# Swift in Action

Learn how the FARO Focus Swift can improve your workflow.



## Facilities Management

Maintain accurate data on your warehouse, industrial, or large commercial facility more quickly with Swift so you can manage maintenance and track operative assets for future repairs.



## Construction

Use detailed spatial data to come up with efficient building strategies in a fraction of the time, stay updated on project status 24/7, and give your clients and subs a superior level of transparency.



## Surveying

With Swift technology, you can capture your layouts in 90% less time than before — so that you can move on to the next architectural, construction, or design build project ASAP.



## Engineering

Take the guesswork out of the engineering process when you capture as-built design plans that enable you to verify planning accuracy and avoid costly mistakes.

# Technical Specifications

- Scans up to 1 million points per second via mobile and 2 million stationary.
- Provides 3D accuracy from 2mm to 10mm.
- Weighs 17.5 kg (38.5 lbs) and fits easily into two carry-on suitcases.
- Operates in temperatures as low as -10°C and can be stored in temperature up to 60°C. Designed for temperature range 5°C to 40°C.
- Compatible with FARO As-Built™, BuildIT Construction Software and WebShare Cloud.
- Directly integrates any CAD system with 3D point cloud capabilities.
- Two-hour internal battery life with option to extend using additional battery packs.
- Continuous cable-free operation without external power.





# Give Your Team the Swift Advantage

- **Save with every survey scan.** The FARO Focus Swift captures complete data scans in **1/10** of the time a mounted survey system takes. Intuitive to use, easy to integrate with existing tools and systems.
- **Eliminate errors and delays that disrupt budgets and timelines.** Get complete, survey-grade spatial scans the first time so that projects stay on track and according to plan.
- **Win contracts with survey-grade capability in-house.** The Focus Swift makes 3D scanning easier to integrate than ever. Why not have survey-grade Quality Assurance capabilities in-house?



**Ready to capture larger, more complex spaces with an all-in-one survey-grade system?**

Schedule a demo now to see the Swift in action.

Visit [faro.com/swift/](https://faro.com/swift/) to learn more.

Or call us toll free at +1 (800) 736-0234



Local offices in over 25 countries around the world. Go to [www.faro.com](https://www.faro.com) to learn more.

**FARO Global Headquarters**

250 Technology Park, Lake Mary,  
FL 32746, USA  
US: 800 736 0234 MX: +52 81 4170 3542  
BR: 11 3500 4600 / 0800 892 1192

**FARO Europe Regional Headquarters**

Lingwiesenstr. 11/2  
70825 Korntal-Münchingen, Germany  
00 800 3276 7253

**FARO Asia Regional Headquarters**

No. 3 Changi South Street 2, #01-01 Xilin  
Districentre Building B Singapore, 486548  
+65 65111350