

# 3D Laser Scanning — At a Glance

From physical site to digital twin – in 24–36 hours.



## 24–36 hrs.

Fast & minimally disruptive

On-site capture of the entire location during ongoing operations.

## ± 5–25 mm

Precision

Accuracy (LoA) for > 98% of the data.

## .e57

Standard data format

Point cloud directly usable in Revit, BricsCAD, Navisworks and more.

1

**Missing up-to-date plans**

Many sites: no current plans → inefficiencies, risks, costly re-planning loops.

2

**Digital twin in 24–36 hrs.**

Precise point cloud + 360° panoramic images, walkable online.

3

**Measure directly**

Take measurements directly in the point cloud – anytime, as often as needed.

4

**Optional: 2D / 3D / BIM**

2D floor plans as well as 3D and BIM models can be created on request.

5

**6 use-case clusters**

Operations, Real Estate, Project Mgmt., BD, Finance/Legal, Emergency Response.

6

**Stand-alone or combined**

Bookable individually or in combination with interim/project management.



**SAVINGS POTENTIAL**

## –5 to –15%

Reduced rework costs

Less mis-planning, clashes and duplicate work thanks to reliable 3D data.

*No data: no planning, no optimization.*

## –30 to –50%

Reduced travel costs

Virtual walkthroughs instead of on-site visits – access to point cloud & panoramas from anywhere.

**End-to-end process digitalization**

Enables savings across the entire process chain – while also helping counter the shortage of skilled workers.