

See measured vs. predicted wireless coverage inside your site's digital twin

A wireless validation device in a purpose-built backpack. Wear it and walk the site to complete a full site survey and cellular walk test in one pass, or leave it in place for longer troubleshooting. Every Wi-Fi, cellular, and DAS measurement lands in your digital twin next to your predictive coverage maps, with one-click calibration.

 Private Cellular

 DAS

 Enterprise Wi-Fi

 Public Cellular

 Indoor & Outdoor

- Purpose-built backpack with battery power
- Multi-carrier IoT SIM; eSIM for private cellular
- Ruggedized wireless capture device with GPS
- eino companion app for iOS and Android

What it measures



Cellular

- RSRP, RSRQ, SINR, RSSI RAT (LTE, 5G NSA / SA), band, EARFCN / NR-ARFCN PCI, cell ID, TAC
- Serving-cell changes and band transitions
- Cellular spectrum scans across operators and bands



Wi-Fi

- Wi-Fi 6 (802.11ax), 2.4 and 5 GHz
- SSID, BSSID, RSSI
- SNR and noise floor
- Tx / Rx data rates
- Channel and band, with per-band network lock (2.4 or 5 GHz)
- Full-band scans of ambient networks across 2.4 and 5 GHz



Performance

- Upload / download throughput
- Latency, jitter, packet loss
- Ping, DNS, HTTP tests
- User-perspective testing, not controller telemetry

One device. Two ways to collect.



Walk test

wear the backpack, map coverage in real time

01



Temporary monitoring

leave the device within the site for hours or days to troubleshoot longer-term issues

02

Leave the device behind. Keep collecting.

A week in the distribution center, a month on the factory floor — schedule recurring tests across carriers and networks, powered by PoE or battery. When you're ready, the same hardware switches to full continuous monitoring.

Unpack. Connect. Walk. Overlay. Calibrate



STEP 01

Unpack & power

The device is already assigned to your team. No pairing, no configuration. Power it with the battery pack in the carry kit and go.



STEP 02

Connect the app

Log into the eino app on iOS or Android with your eino platform credentials. Use the cloud when the device is online, or a direct connection when the site has no internet at all.



STEP 03

Walk the site

Pick your floor plan, lock to a carrier, band, or SSID, and start. Tap checkpoints indoors; GPS outdoors.



STEP 04

Overlay on the twin

Samples stream live onto your digital twin and auto-upload when connectivity returns.



STEP 05

Calibrate

One click tunes transmit power and wall attenuation, with an RMSE before/after report. Revert anytime.

Built for

Systems Integrators and IT teams who deploy and manage complex wireless infrastructure

Supported Environments



Manufacturing



Warehouses & logistics



Refineries & energy



Ports & airports



Enterprise Campuses



Venues & stadiums



Neutral Host Environments

Why eino is different

01.

Most survey tools stop at one wireless technology.

eino's Walk Test device measures Wi-Fi, public and private cellular, and DAS

02.

Integrated with your existing and future eino design projects.

Walk data lands in the same project as your digital twin and RF design — measured next to predicted, one-click calibration.

03.

The device doesn't need to go home when you do.

Leave it in place, run scheduled tests for hours or days — the same hardware, software-switchable. With traditional survey tools, the only way to re-check a site is to re-walk it.

04.

Works with no internet at all.

Remote site with no backhaul? Capture runs fully offline, caches locally, syncs when you're back on

How it works



Capture in the field

- Pre-assigned device — unpack it, power on, walk the site
- Online and offline capture — no internet needed during the walk
- Tap your position on the floor plan indoors; use GPS outdoors



See results automatically in your digital twin

- Samples appear on the twin live, as you walk
- Wall-aware heatmaps for every KPI — no smearing through walls
- Auto-upload the moment connectivity returns



Validate and fix the RF design

- Predicted vs. measured, side by side
- One-click calibration with a before/after accuracy report

Platform integration



Same login, same projects as eino design



Measured heatmaps in your digital twin



Calibration & DAS verification reports



CSV export, full sample-level data

See your site's measured coverage.

Talk to us about running a walk test at your facility.

hello@eino.aieino.ai/demo