WISETRACX

Real-Time Location & Vital-Signs Monitoring System

COMPLETE SYSTEM · RUNS OFFLINE

See every person and asset. Live, in 3D.

A turnkey security system of smart wearables, receivers, on-site servers and 3D control software, running entirely offline on your own closed network.

- 100% offline, on-premise
- Devices + Software + Services



Real-time positioning
Indoor and outdoor tracking of people, vehicles and equipment.

Vital signs 24/7
Pulse, blood pressure, SpO_2, temperature and activity.

Live 3D digital twin
Your buildings in 2D and 3D, with multi-camera views.

Smart alerts & replay
Zone breach, SOS, strap cut, high HR, with a replayable timeline.

HOW IT WORKS

From the wrist to the control room

01 **Smart bracelets**
Staff and inmate versions, vandal-proof, BLE + optional GPS.

02 **Indoor & outdoor receivers**
PoE · Wi-Fi / LAN / 4G · MQTT, TCP/IP, UDP.

03 **RAX data collector**
Software on your own server, or an optional 19" rack unit.

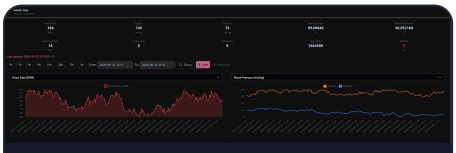
04 **On-site server**
Positioning, geofencing, storage, analytics and alerts.

05 **Operator clients**
3D control software in a browser, on the local network.

WHY WISETRACX

Built for secure & sensitive environments

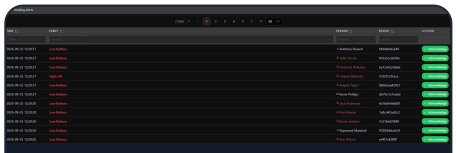
- **Fully offline.** Your closed network and servers. No cloud, no internet.
- **Truly end-to-end.** Devices, software, installation and support from one team.
- **Secure access.** Role-based access and TOTP two-factor login.
- **Proprietary technology.** In-house 3D engine and firmware, no vendor lock-in.
- **Easy integration.** ERP, BIM, IoT and existing systems; two-way talkback to devices.



Vital-signs dashboard
Live and historical health data per person



Multi-camera 3D views
Follow people across floors and wings



Alerts & acknowledgement
Every event logged, one-click response

APPLICATION AREAS

- Correctional & military facilities
- Healthcare & elderly care
- Construction, mining & industry
- High-security zones & data centers
- Education campuses
- Warehouses & logistics

Book a live demo

Tell us about your facility and we'll show you WiseTracX in action, with an indicative quotation for your project.

wisetracx.com · business@smartsolutions.hu · +36-20-420-5069

WiseOwl Engineering Teaching & Consulting LLC, Florida, USA · SmartSolutions Engineering & Teaching Consultancy Services Kft., Hungary

SCAN · WISETRACX.COM