SmarTrace

POZI
POZI.TECH

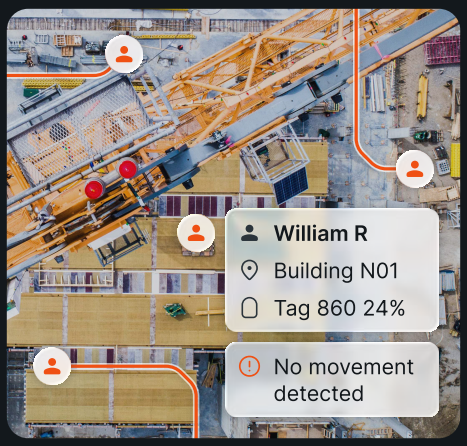
Transparent workforce tracking and monitoring in any environment

Accurate and safe real-time location tracking for your operations

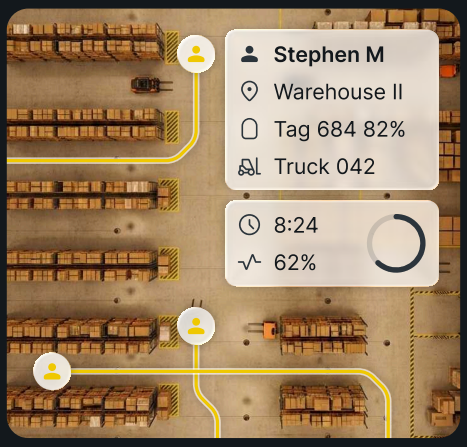
SmarTrace provides reliable visibility into workforce and resources, even in challenging environments.

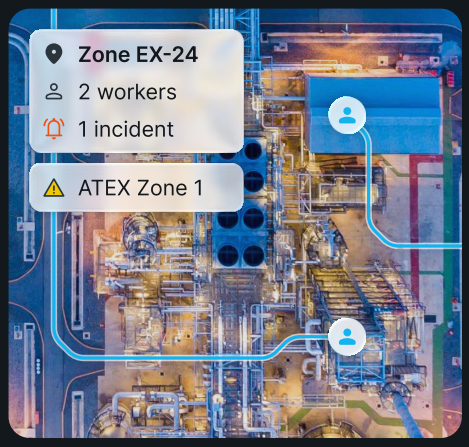
By leveraging a combination of advanced RTLS technologies and actionable analytics, SmarTrace enhances safety, streamlines operations, and supports compliance.

SmarTrace is proven across complex sites and facilities – indoors and outdoors – including industrial, logistics, construction, hospitality, and commercial environments.









Enhance safety with real-time alerts

Boost productivity across your workforce

Gain valuable instant **spatial visibility**

Ensure transparent **precise time tracking**

Raise EHS standards with proactive controls

Access analytics tailored to your goals

Productivity features

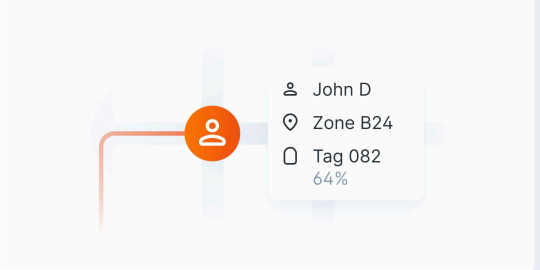
- Accurate indoor and outdoor positioning
- Workforce activity monitoring and tracking
- Zone-based movement and presence analysis
- Shift and time recording
- Customized automated reporting
- Seamless ERP system integration

Safety features

- Real-time motion and activity alerts
- Proximity detection with notifications
- Emergency response tracking readiness
- Automatic incident notifications
- Zone-based safety in high-risk areas
- Restricted area access alerts

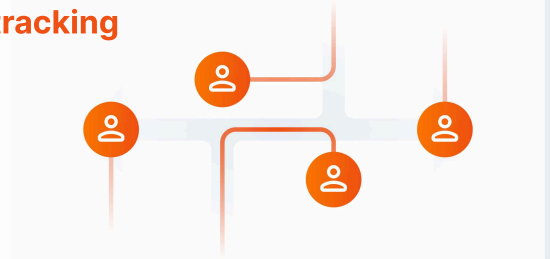
Live tracking

Track real-time worker locations and movements on a map, including recent routes, for enhanced situational awareness.



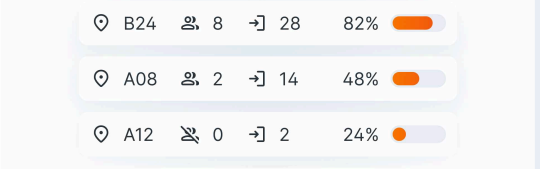
Precise movement tracking

Visualize and analyze movement patterns both indoors and outdoors, with activity diagrams and detailed location maps.



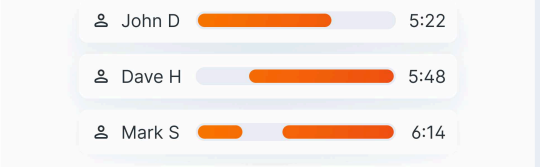
Zone-based analytics

Track worker movements across defined site zones, capturing exact entry / exit times along with detailed activity percentages.



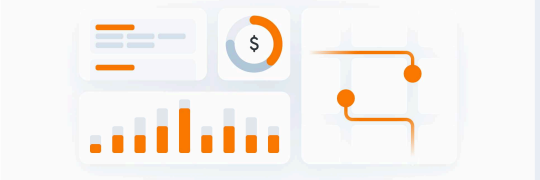
Shift and time recording

Log worker activity and shifts based on tag pickup and drop-off, establishing a trusted foundation for precise time tracking.



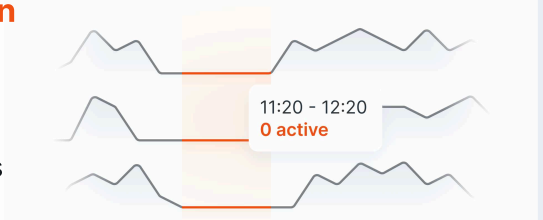
Efficiency metrics

Measure productivity by tracking time and movement efficiency in specific zones, identifying operational bottlenecks.



Irregularity detection

Identify and highlight irregularities and unusual activity patterns, providing deeper insights into workforce behaviors and time utilization.



Components

Infrastructure

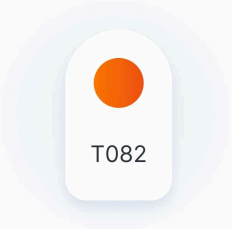
Designed to support different precision requirements.

Indoor tracking:
UWB positioning or BLE presence detection provides accurate tracking.

Outdoor tracking:
GPS ensures broad coverage, with optional RTK infrastructure available for high-precision needs.

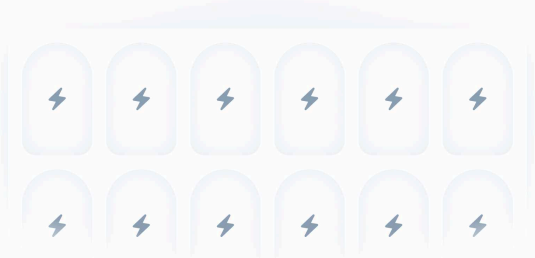
SmarTags

Compact and wearable devices, designed to support advanced tracking technologies, ensuring reliable workforce monitoring.



Charging

Qi-compliant multi-slot chargers accommodate up to 12 devices simultaneously, ensuring continuous availability and uninterrupted operation in demanding environments.



Technology

Outdoor tracking:
GNSS (GPS, Galileo, GLONASS), RTK, PPK – accuracy up to 10 cm

Indoor tracking:
UWB or BLE – accuracy up to 20 cm

Seamless hybrid tracking across indoors and outdoors

Temporary offline data storage

Flexible connectivity via UWB or cellular 2G/4G

Flexible deployment options: on-premise, private cloud, or cloud

Optional Ex-certified SmarTag – up to ATEX Zone 1

POZI
POZI.TECH

Pozi Development Ltd. Europe
1023 Budapest, Frankel Leó út 45., Hungary
+36 30 405 1599, sales.eu@pozi.tech

PoziTech Inc. United States
7222 S Tamiami Trl #101, Sarasota, FL 34231
(941) 960-0620, sales.us@pozi.tech