



The Safety of Cities, Industrial Sites and Transportation Hubs depends on real-time access to high-value information. Knowing the exact locations of people and assets is crucial for any Safety case. Yet we spend 80% of our time in GPS-denied environments.

Real-time Hyper Location

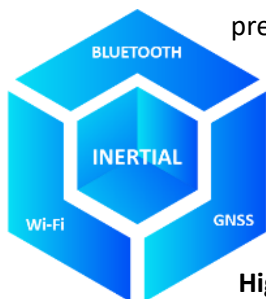
Real-time Hyper Location ensures seamless 3D indoor and outdoor positioning no matter where. Customers are thus assured of a robust positioning of their teams irrespective of GPS coverage.



Moreover, GPS anti-jamming features augment the positioning reliability in contested environments.

Unique Technology

Location Fusion of GNSS, Bluetooth, and Wi-Fi hotspots. Best-fit positioning takes into account previously known positions for increased robustness.



AI Inertial Positioning uses devices' inertial sensors to position people in any environment, even when GNSS or other infrastructures are very limited.

Flexible deployment as an app on the smart device for edge processing or in the cloud. SAAS or on-premise implementation of the back-end.

Higher ROI by reducing the amount of indoor positioning beacons needed by a factor of 3 to 10, depending on the case.

Enabling Capabilities

Site Management

Configure the Hyper Location engine to match the operational environment and integrate diverse data sources.

The building wizard enables to create multi-floor building models and integrate floor plan layouts. Supported formats include PNG, JPEG and AutoCAD

Customers can add 3rd party trackers like Teltonika, Minifinder to capture their location updates and alerts.



Real-time location service and database

The platform can provide positions, alerts, and IoT data to 3rd party systems.

Data streaming – Real-time location streams as MQTT messages. Customer-specific feeds can be plugged into the outbound stream (NMEA, XML, JSON)

API –The platform publishes a REST API for advanced data queries.

SOCs plugins – The platform embeds a growing number of plugins for specific Security operations centres (SOCs) to handle alert responses.

Supervisor

Customers who need an operational display can rely on the Guardian Supervisor web display and app. They offer feature-rich capabilities to enable effective Collaborative Operations Management.



Visual Communication –Supervisors monitoring ongoing operations can participate in secure messaging and geo-white boarding from their desks.

Situational Awareness Display – Time-sensitive 2D / 3D depiction of operational data, sensor feeds, maps, blueprint, and imagery. The embedded time view shows the sequence of

events. Additionally, alerts have location accuracy ranges, and shared Search and Rescue map grids can be created.

Customers

Information about the following customers is obtained on request.

