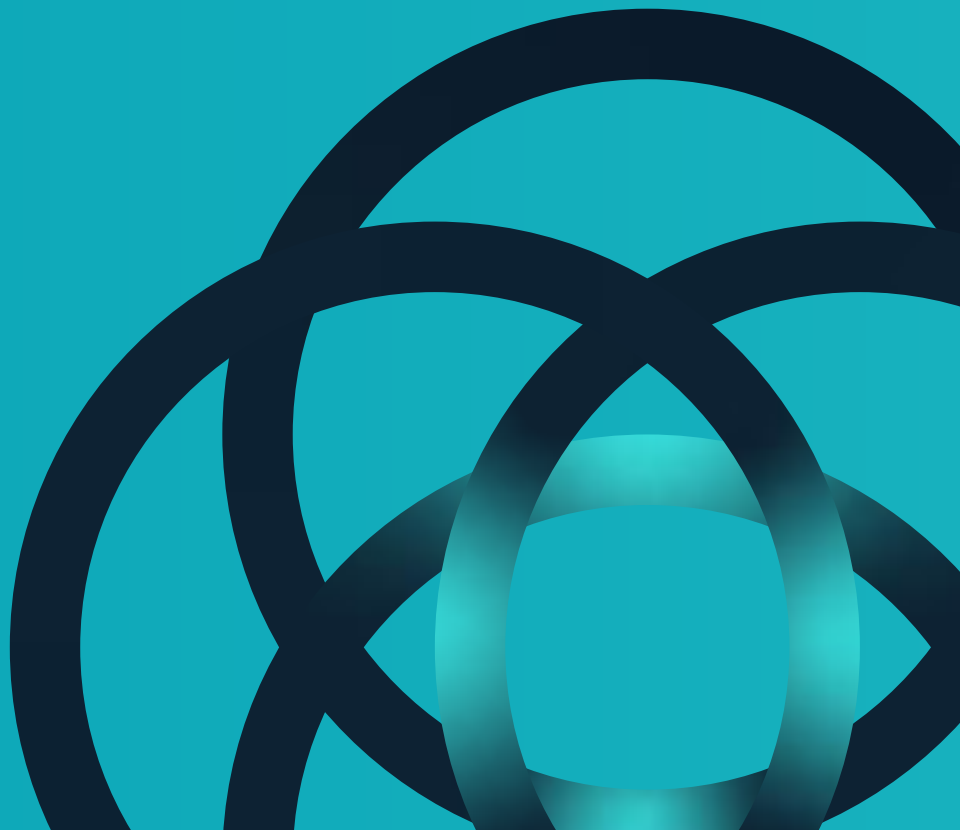resilienceOS®

Locate

Protect what matters

Streamline your security operations by integrating location data from multiple sources into a single, unified operational picture. Accurately locating your people and physical assets, turns traditionally siloed data into actionable intelligence. This approach is crucial for protecting your personnel, facilities, assets and supply chains from evolving risks, ensuring you **protect what matters,** in an unpredictable world.

People Location Intelligence

Monitor the Movement of Your People with Unrivalled Accuracy; Real-Time, Multi-Source Location Intelligence

Eliminate Operational Blind Spots

In today's complex world, knowing the precise location of your people is vital for their safety and your organisational security. Accurate location intelligence is essential for:

- **Threat Protection;** Safeguard your people from global and local threats, with real-time location data.
- **Workforce Management;** Keep an accurate track of employees spread across office, home, and hybrid locations.
- **Adapting to Renewed Business Travel;** Address new challenges in post-pandemic business travel, to protect assets and personnel.

Summary of Key Features and Benefits:

- **Unmatched Real-Time Location Insights:** Continuously refined predictions for global personnel tracking.
- **Broad Data Integration:** Combines multiple data sources for a complete view of organisational responsibilities.
- **Improved Situational Awareness:** Enhances decision-making and crisis response through precise tracking.
- **Automatic Data Reliability Adjustments:** Continuously assesses and updates the accuracy of location data.
- **Reliable Last Known Location Tracking:** Ensures accountability for all personnel, even with aging data.

Stay ahead with our pioneering Location Convergence Engine. Our sophisticated engine calculates the probability of individuals being at specific locations. Ensuring you always have the most accurate data at your fingertips, so you can make decisions with confidence.

Features & Tiers

Always-on and continuously updating, the Location Convergence Engine is designed to provide unparalleled real-time insights into the whereabouts of your people.

Feature	Tier		Your Tier	Options
	Base	**Professional**	**Enterprise**	
Profile Management – Static Address Plotting	●	●	●	
Dynamic People Data Ready via Location Engine		●	●	+ HR System, Mobile GPS Data
Real-time Data Feeds Ready via Location Engine			●	+ Travel Itineraries, Access Control, RTLS & Dynamic Data sources

How the resilienceOS Location Convergence Engine Works.

The Location Convergence Engine delivers unparalleled real-time insights into the locations of your personnel by continuously updating and refining its predictions. As more data is integrated, the engine's accuracy improves, allowing it to precisely pinpoint the exact locations of personnel and contractors across the globe. This ensures that you always have up-to-date information on the whereabouts of your people.

This advanced system integrates a wide range of dynamic data sources—including Access Control, GPS, HR data, and travel itineraries—to provide a comprehensive view of your organization's responsibilities. By merging these diverse data points, the engine offers a holistic and accurate understanding of where your personnel are at any given time, supporting a more informed and responsive approach to managing your workforce.

To further enhance its effectiveness, the Location Convergence Engine employs proprietary algorithms to ensure precise tracking, which significantly boosts situational awareness for incident and crisis management teams. The engine continuously evaluates the quality and reliability of incoming data, adjusting predictions as needed. Even in the absence of new data, it assigns a 'Last Known Location' to individuals, with increasing reliability over time, ensuring that everyone remains accounted for, and their likely locations are accurately represented.

Comprehensive Data Integration

The Location Convergence Engine ingests data from a variety of sources to enhance accuracy and reliability, including:
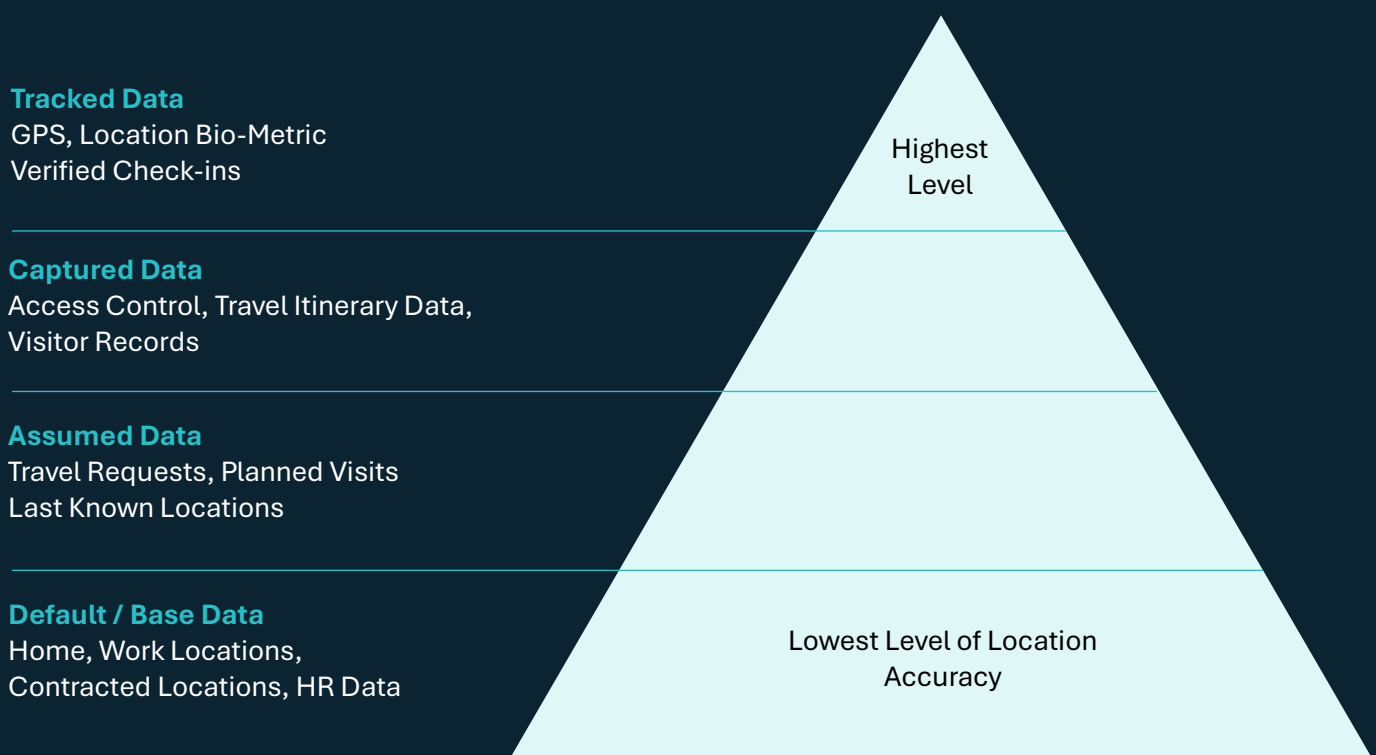
- **Static HR Data;** including home and contracted work locations.

- **Assumed Data;** such as booked travel itineraries either manually ingested or direct from GDS.

- **Captured Data;** such as live Access Control feeds, Visitor details, beacon tracking.

- **Dynamic Real-time Data;** including vehicle monitoring systems, vessel and flight tracking, and GPS data, biometric verified location check-ins.

And many more.

People Location Intelligence

How the resilienceOS Location Convergence Engine Works.

Location Convergence Engine Logic

Tracked Data
GPS, Location Bio-Metric
Verified Check-ins

Captured Data
Access Control, Travel Itinerary Data,
Visitor Records

Assumed Data
Travel Requests, Planned Visits
Last Known Locations

Default / Base Data
Home, Work Locations,
Contracted Locations, HR Data

Highest
Level

Lowest Level of Location
Accuracy

The always-on Location Convergence Engine monitors all available data feeds.

More data feed into the Location Engine the more accurate and smarter it becomes.

People Location Intelligence
Summary of Enterprise Features:

Location Convergence Engine

The Location Convergence Engine is ready to monitor your people's locations right out of the box, providing essential tracking from the start. As you integrate more data, it becomes even smarter and more precise, enhancing its capabilities over time.

People Location Lookup

Leverage accurate, multi-source location data. The People Location Lookup tool allows you to instantly identify individuals in proximity to an incident, automatically generating a precise list of those impacted for timely and targeted mass communications.

GPS Data Monitoring

Equip your people with the Restrata app to ensure in-field safety and peace of mind through real-time GPS monitoring and biometric verified location check-In data.

* Requires Restrata App Professional or Enterprise.

Profile Management

- Create, edit and manage individual people profiles.
- Bulk upload people profiles from CSV.
- Create custom profile tags.
- Create custom people groups to streamline workflow like mass communications.

Automated Geocoding

- Automatically place your people on the map through geocoding of home addresses.
- Updated in real-time as addresses are updated to ensure an accurate picture of people exposure.

Access Control Data Feeds

Uniquely integrate with your existing access control systems data for a real-time, unified view of personnel at your key locations, ensuring up-to-date movement information without the need for manual input.

* Requires Connected Locations Professional or Enterprise