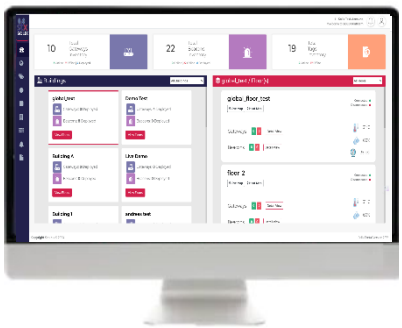
Solix Suite Platform



KEY COMPONENTS

- Beacons & Tags
- Scanners / Gateways
- Solix Server
- AoA Engine

KEY FEATURES

- Manage and tracking
- Real Time Location Service
- Event Reporting
- Alert Systems
- Notifications
- Reporting & Analytics

KEY BENEFITS

- Real Time Visibility
- High Level Accuracy
- Increased Security
- Increased Productivity
- Environmental Monitoring

USE CASES

- Assets Tracking
- Persons Tracking
- Healthcare
- Smart Building
- Manufacturing
- Fleet Management

OVERVIEW

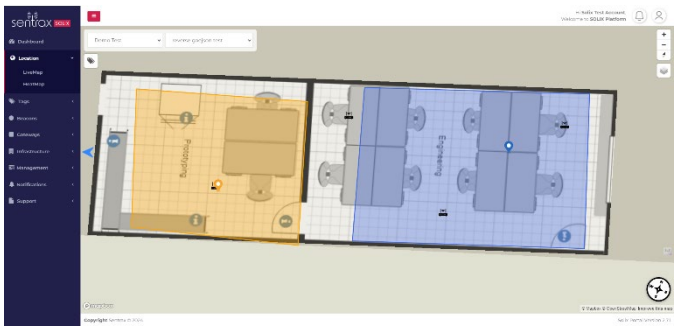
Sentrax's Solix Suite, a cloud—and on-site server-based device management and connectivity platform for Smart Buildings, Healthcare, and Manufacturing, offers a range of features to support different types of applications, from building administration to security management to physical asset management.

Sentrax uses BLE (Bluetooth Low-Energy) and high-precision BLE-(AoA) Angle of Arrival enabled tags in a range of application-specific form factors to provide real-time sensor and position data through scanners and gateways. The scanners are to be installed within the facility for monitoring and tracking.

In addition, the premises' environmental and climatic status can be monitored using appropriate sensors, tags, and scanners provided by Sentrax.

The web application dashboard allows for the live tracking of sensors and tags. These tags can be attached to assets, or assigned to customers, patients, or work staff for safety, security, or attendance-based applications in use cases such as hospitals, factories, warehouses, or high-security venues.

Features	Solix Lite *(Device Manager)*	Solix Standard *(RTLS)*	Solix Advanced *(RTLS + IoT)*
Downloadable gateway/beacon data	✓	✓	✓
Devices management and configuration	✓	✓	✓
Gateway placing on the map	✓	✓	✓
User-defined 2D floor maps / GeoJSON maps	✓	✓	✓
Customizable dashboard		✓	✓
Live map		✓	✓
RTLS tracking management system		✓	✓
User management system		✓	✓
Gateway health history data		✓	✓
Tag and sensor data stream (MQTT)		✓	✓
Tag positioning data stream (MQTT)		✓	✓
Heat map		✓	✓
Notifications & alerts		✓	✓
Regions alerts for tags (SMS & Email)		✓	✓
Historical data (Sensor & Positioning)		✓	✓
Advanced RTLS & environmental sensors reporting			✓
Third-party devices management			✓
Remote configuration (API/MQTT)			✓
Access to rest API for development metadata			✓

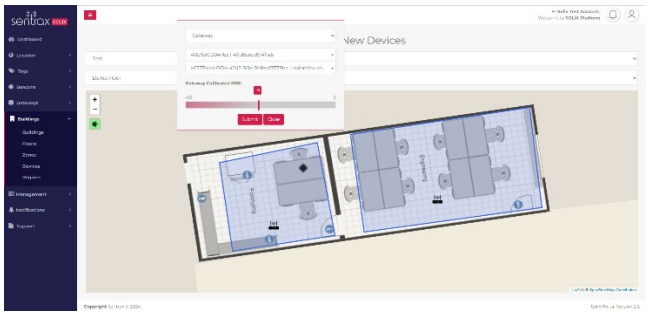


LIVE TRACKING INDOOR (MAP VIEW)

Solix leverages an RTLS engine to determine the precise location of tags using a network of gateways. These gateways calculate the exact distance using the time-of-flight method and are strategically placed throughout the facility. The system provides zone, room, or meter-level accuracy for location information. The platform displays the tags' positions on a map or layout of the monitored area.

HEAT MAP INDOOR (MAP VIEW)

Solix uses API which determines the heatmap location of the tags. The platform would display their positions on a map, or a layout of the area being monitored by visually representing tags' position history.

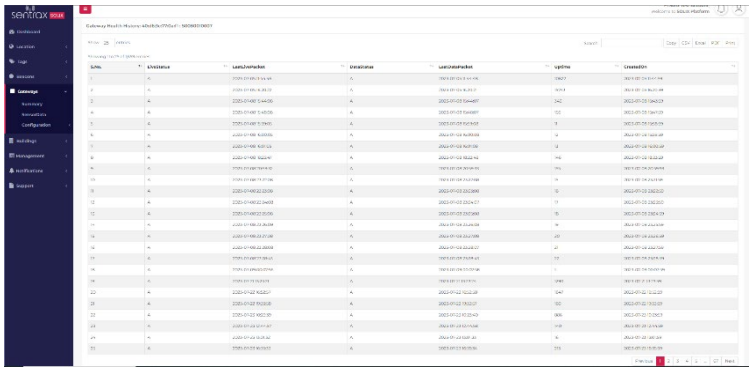


DEVICE PLACING ON MAP

The 'Device Placement Mapping' feature in Solix Suite enables users to precisely place and visualize devices on a digital map. This functionality improves spatial awareness and helps optimize device deployment and monitoring within the designated area.

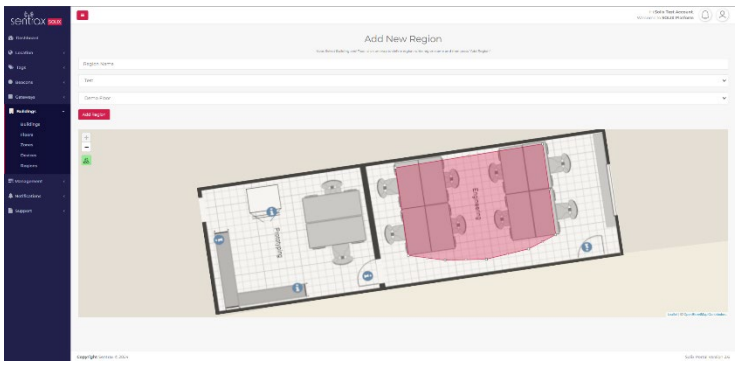
HISTORICAL DATA OF DEVICES (LIST VIEW)

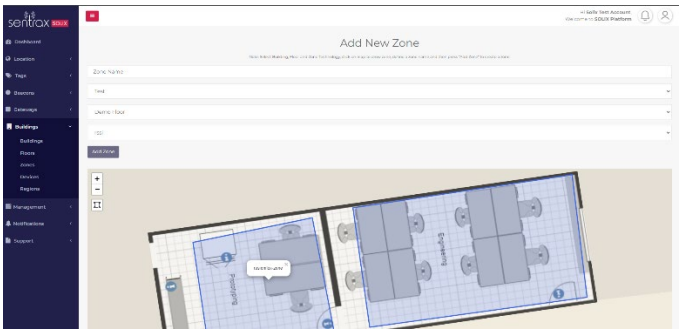
The Solix system is tailored for Management Systems applications, offering a web-based list format that presents historical data of devices. This view showcases all the information of beacons, gateways & tags including their summary, deployment type, and timestamps.



ADD NEW REGION

This feature allows users to establish a new area or segment within the software application or web portal. Its purpose can range from handling operations in a new location to organizing data and resources for distinct business units or needs.





ADD NEW ZONE

The zone feature on the Solix Platform is designed to distinguish between various scanner technologies, such as RSSI and AoA. It also facilitates different deployment types, supporting both single-scanner setups and multi-scanner deployments.

NOTIFICATION AND ALERTS

System Level Alerts

New User Addition Alert
An alert will be sent whenever a new user is added to the system.

Time-Based Alert
This alert indicates the duration for which the notification remains active.

User Level Alerts

Geo fence Alert
This alert is triggered when a device enters or exits a predefined geo-fence, signaling that the product has moved beyond its designated area.

Proximity Detection Alert
A proximity alert will be triggered whenever two tags come within 1 meter of each other.

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