

sentrax  
**NEWSLETTER**

ISSUE • February 2026



**Enhanced BLE AoA RTLS:**  
**Precision That Performs in the Real World**

Sentrax's upgraded BLE AoA RTLS platform is engineered for environments where accuracy is not optional. With multiple deployment options including **single-scanner and multi-scanner mode**. Whether deployed in healthcare, manufacturing, warehousing, or mining, the system delivers reliable **sub meter level positioning** with stable performance even in complex RF conditions.

- Inside this edition •
- Sentrax's Enhanced BLE AoA RTLS in Spotlight
- SBeacon - Sentrax's BLE Communication Protocol
- Integration made easy - Solix APIs and On-prem modules

By combining advanced antenna array design, edge computation, intelligent algorithms, and optimized firmware, our AoA gateways ensure consistent location tracking without the noise and drift. The result is actionable, real time visibility of assets and personnel that supports operational efficiency, compliance, and safety.

**SBeacon: The Intelligence Behind Sentrax BLE Communication**

**SBeacon** is Sentrax's proprietary BLE communication protocol built to go beyond standard beacon broadcasting. Designed for scalable, secure, and efficient data exchange, SBeacon enables controlled bidirectional communication between tags, gateways, and the Solix platform.

Unlike generic beacon frameworks, SBeacon optimizes packet structure, reduces unnecessary airtime, and enhances battery performance while maintaining fast detection cycles. This ensures predictable system behavior even in dense deployments, making it ideal for enterprise grade RTLS applications.



**SBeacon**

**Integration Made Simple: Solix APIs and On Premise Modules**

Integration should accelerate projects, not delay them. With Solix Engine, Sentrax provides flexible deployment models including **cloud hosted services** and fully **on-premise Docker** based installations.

Through well documented **REST APIs** and **modular components** such as the Solix Positioning Engine, Rule Engine, Device Configuration Manager, and Sensor Engine, system integrators and software partners can quickly embed real time location data into their existing platforms.

Whether the requirement is healthcare workflow automation, warehouse management system integration, or industrial safety monitoring, Solix ensures that location intelligence fits seamlessly into your ecosystem.



For more details on Sentrax's RTLS

[Click here](#)

Want to know more on Sentrax?

[Click Here](#)

FOR PARTNERSHIP AND OTHER DETAILS

[sales@sentrax.com](mailto:sales@sentrax.com)

To know more about Sentrax's products, visit:  
[www.sentrax.com](http://www.sentrax.com)