sentrax

NEWSLETTER

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The Future of Hybrid RTLS

What is BLE Hybrid RTLS?

Real-world tracking requirements are rarely uniform. Some zones demand **sub-meter precision,** while others only need **room-level visibility or simple proximity detection.**

Traditionally, achieving different accuracy levels meant deploying separate systems - doubling your costs and operational headaches. **Sentrax's Hybrid RTLS** eliminates that complexity by blending different technologies into a single, seamless infrastructure.

• Inside this edition •

• **The Hybrid Advantage:** Why "One Size Fits All" doesn't work for tracking.

• **One Tag, Total Floor Coverage:** How we bridge the gap between RSSI and AoA.

• **Product Spotlight:** Meet the ZENIX LEN Series & ZENIX LON Series AoA Locators.

One Tag. Multi-Level Accuracy.

Sentrax's Secret Sauce is simple: **The accuracy adapts to the infrastructure, not the tag.** With a single tag and a unified platform, you can scale your precision based on the zone:

- **High-Precision Zones:** Sub-meter accuracy for critical assets.
- **Area & Zone Tracking**: Medium-level accuracy for general workflow monitoring.
- **Presence Detection:** Low-overhead proximity for automated interactions.

The Bottom Line: You get the flexibility to grow and the power to optimize your ROI by only deploying high-precision hardware where it truly matters.

Hardware spotlight

BLE RSSI-Based Locators & Gateways

Sentrax's RSSI gateways are the workhorses of the Sentrax ecosystem. Designed with a **dual-chip architecture** and edge-intelligence, they ensure stable, redundant, and powerful tracking. Provides room-level to proximity-level positioning.

ZENIX LEN-1

The standard for proximity & medium accuracy. Features **PoE & Wi-Fi.**

ZENIX LEN-2

Integrated **climatic and presence sensors** for environmental insights.

ZENIX LEF-3

Outdoor **LTE & GPS**. 4 antennae for seamless connectivity & performance.

BLE Angle of Arrival Locator & Gateway:

For mission-critical operations, our **Angle of Arrival (AoA)** scanners deliver sub-meter accuracy. Leveraging advanced **edge-processing** algorithms and a high-performance hardware design, positioning engine, they provide real-time, low-latency location data. Powered by advanced microprocessors and supporting **multiple connectivity options**, the scanners ensure reliable and scalable deployment across demanding environments.

One Platform. Endless Use Cases.

Whether you are managing **a warehouse, a hospital, or an industrial site,** Sentrax Hybrid RTLS gives you the freedom to mix precision and scalability without compromise.

For more details on Sentrax's Hybrid RTLS

Click here

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