



THE **MOST** ADVANCED REAL-TIME LOCATION & TRACKING SYSTEM

On-Premise
Solution



Accurate in
Reflective Areas



Scales to
any Size



Rapid
Installation



No Line-of-Sight
Needed



Ultimate
Flexibility



Explore an optimal asset tracking and work order monitoring solution with RTLS. Our RTLS solutions incorporate state-of-the-art ultra-wideband (UWB) technology, ensuring precise asset identification, location, and tracking. Rest assured, your data is secure with on-premise software platforms, offering unmatched accuracy, flexibility, and coverage. RMS Omega stands behind its customers with best-in-class, full-scale RTLS solutions with the fastest return on investment (ROI) and deployment timeline.



REVOLUTIONALIZE YOUR WORKFLOW WITH UWB WIP TRACKING

Enhance your operations and streamline tasks with self-reporting asset tags. Real-time updates offer a seamless and current overview of your facility's work orders, simplifying production planning and accountability. RTLS adapts effortlessly to both large and small settings, ensuring scalability to meet your requirements. Bid farewell to time-consuming and error-prone processes through autonomous asset reporting.

UNLEASH TOP PERFORMANCE IN HEAVY-INDUSTRIAL ENVIRONMENTS

Choose RTLS for reliable tracking in challenging environments where conventional solutions struggle. Our system ensures sub-meter accuracy indoors and outdoors, with the flexibility to achieve higher precision as required. In any cluttered, metallic, or active environment, UWB RTLS consistently delivers outstanding accuracy and reliability.

SECURE ON-PREM SOLUTION: ACHIEVE MAXIMUM FLEXIBILITY & SCALABILITY

On-prem solutions ensure the safety and security of your data. With plug-and-play design and auto-calibration features, installation is effortless, minimizing disruptions to your facility and production. Our RTLS solutions can be easily installed by your on-site team. Flexibility is key – adjust coverage areas easily to accommodate changes or facility modifications.

SCALABLE TO THOUSANDS. PRECISE WITHIN INCHES. TAILORED TO MEET YOUR NEEDS.

BEST IN CLASS LOCATING & TRACKING IN REAL TIME



TRACKER SOFTWARE & APP

Real-time location software is hosted on-premise, providing you with full control over your data. Display location data on a computer or mobile device using the Tracker App, or integrate it with your ERP or other manufacturing systems.



VISUALIZATION

- Immediate asset visibility on your floor plan.
- Visualize assets by zones.
- View multiple buildings as a composite, or individually as arenas for greater granularity.
- Display tracking histories with playback options up to x64 speed.
- Create notifications by tag/group, and by events (exiting/entering buildings/zones).

ASSET ASSIGNMENT

- Search and sort by unique tag ID or paired asset/work orders name or number.
- Multiple & efficient ways to assign & reassign tags to assets.

INTEGRATION

- On-Premise.
- API enables direct integration into other software systems.
- Database linkup feature allows direct connection to virtually any database.
- Translates coordinate data into latitude/longitude.
- Plug-and-play software for low-cost deployment.
- Allows for global connectivity for all your sites worldwide.
- Unlimited seat license.



BEGIN UTILIZING OUR SYSTEM RIGHT AWAY WITH ITS EASY-TO-USE FEATURES

RTLS antennas create a mesh network, allowing the tagged assets to be tracked as they move within the monitoring arena.

ANTENNA NODES

- Antennas can be powered by USB, battery, wall outlet, PoE, or solar.
- Low power consumption (550 mW).
- Each antenna mesh scales to support thousands of tags simultaneously.
- Easy to install and adjustable for facility modifications.
- Operates indoors and outdoors.



TRACKER TAGS

- Replaceable coin cell batteries.
- Operates at ultra-low power for extra-long battery life.
- Customizable battery life up to 10 years; sends real-time power updates, alerting user before battery needs replacement.

