



Dualis Tag

Precise Asset Visibility, Built for Long-Term Operations

Dualis Tag is an asset-focused tracking device designed to deliver high-precision indoor and outdoor location data using UWB and BLE. It offers up to 5 years of battery life and a replaceable battery for long-term use.

It is built for both industrial and healthcare environments where assets must be tracked accurately over time without frequent maintenance or battery replacement.



THE DUALIS EFFECT

Most tracking systems require a trade-off:

- High accuracy systems often require frequent battery replacement
- Long battery life solutions typically sacrifice location precision

Dualis combines both:

- UWB-based positioning for sub-meter accuracy in critical zones
- BLE support for scalable indoor and outdoor coverage
- Up to 5 years of battery life with replaceable battery

The result is precise asset visibility that can be sustained over time without operational burden.

KEY CAPABILITIES

High-Precision Tracking

- UWB enables accurate indoor positioning at sub-meter level

Hybrid Coverage

- BLE supports tracking across larger indoor and outdoor areas

Long-Term Operation

- Up to 5 years of battery life depending on configuration
- Replaceable battery reduces maintenance cycles

On-Device Feedback

- Built-in buzzer and LED provide audible and visual feedback

Rapid Asset Identification

- Supports quick asset identification with sound and light cues when searching for a specific tag

Tamper Detection

- Magnetic sensor enables tamper detection when used with cradle
- Tamper events trigger on-device and system alerts for unauthorized removal

Durability

- IP67 rated, suitable for industrial and healthcare environments.

USE CASE EXAMPLES

Industrial Asset Tracking

- Real-time location of equipment, tools, containers, and mobile assets
- High accuracy in critical operational zones

Medical Asset Tracking

- Track medical equipment across departments
- Suitable for clean and sterile environments due to IP67 design

Work-in-Progress (WIP) Tracking

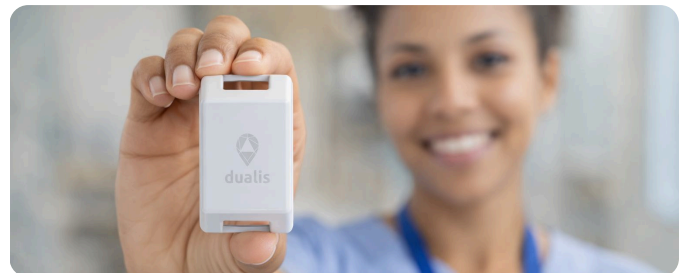
- Track movement of materials across process steps
- Measure dwell time and identify delays

Utilization Monitoring

- Identify idle vs active assets using motion data
- Support capacity and usage analysis

Zone-Based Monitoring

- Detect entry and exit from defined areas
- Trigger alerts for unauthorized movement



RESULTS

up to **97%** reduction in asset loss

40% or more improved asset utilization

- Accurate, real-time visibility of asset location
- Reduced time spent searching for equipment
- Lower asset loss and misplacement
- Reduced maintenance effort due to long battery life
- Improved operational awareness of asset movement and usage

Why Litum

Recognized and Trusted Worldwide

Litum isn't just another technology provider, we're a globally recognized leader in RTLS. Organizations like Fast Company, Gartner, and Deloitte have acknowledged our impact. Our clients include industry leaders across manufacturing, logistics, and healthcare, reflecting the trust businesses place in our solutions.

Flexibility to Meet Your Needs

No two businesses are the same, which is why Litum's solutions are highly adaptable. Whether you're operating in logistics, manufacturing, or another demanding setting, our system can be tailored to meet your specific requirements. From large-scale deployments to targeted use cases, Litum ensures the right fit for your business with two decades of experience in the space.

Turnkey Provider

From consultation to deployment, Litum is with you at every step. Our turnkey approach ensures you have everything you need – from hardware and software to signal processing – without having to juggle multiple vendors. We don't just deliver solutions, we build lasting partnerships that help your business succeed.

Unmatched Precision and Versatility

Litum combines proprietary Ultra-Wideband (UWB) and Bluetooth Low Energy (BLE) technologies, offering unparalleled precision and versatility. UWB delivers high-accuracy positioning for complex environments, while BLE extends range and reduces energy use. This duality ensures precise, efficient asset oversight across diverse settings, enhancing operational efficiency and security.

Built for Results, Trusted by Leaders



Award-Winning Technology



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