



System Loco.

Smart Factory

Transforming Industrial Operations with System Loco's RTLS

In the competitive landscape of modern manufacturing, efficiency and innovation are key. System Loco's Real-Time Location System (RTLS) brings cutting-edge Ultra-Wideband (UWB) technology to your factory floor. Our system enhances every aspect of your warehousing and manufacturing process, from on-site operations to multi-site tracking and seamless in-transit asset monitoring.



Why use System Loco?

We combine a modern technology stack and the very latest UWB technology with our experience of implementing this technology in the harshest multipath environments. We've got the experience but are not burdened with previous generation technology and technical debt!

Flexibility Based on Superior Accuracy – Our RTLS's precision of up to 1ft (30 cm)¹ is critical for detailed process mapping, enabling precise virtual zoning and flawless production monitoring.

Scalability for Every Project Scale – From single facilities to expansive multi-site operations, our RTLS grows with your business, ensuring that you can track a multitude of objects over large areas efficiently.

Proven in the Harshest Environments – Our robust RTLS is engineered to withstand even the most challenging industrial conditions, guaranteeing reliable performance where it matters most.

Multi-floor and Multi-site Tracking – Our system excels in complex layouts, providing accurate tracking across various floors and locations, ensuring seamless operations across your entire enterprise.

Quick Deployment for Immediate Impact – With comprehensive support and training, our system is designed for rapid deployment and easy adoption, ensuring a smooth transition to advanced manufacturing processes.

Featured Products

LocoHub Z1U

This gateway is easy to install and remotely configure. When combined with the LocoSolver, this gateway is capable of reading thousands of sensors. The gateway supports both System Loco UWB and BLE sensors.

Combined with BLE sensors, it can form a powerful inventory system, providing warehouse visibility at the start and end of shipments.

When used to ready UWB sensors, it provides accuracy down to 1ft (30cm) depending on the use case required.



LocoTag U4B

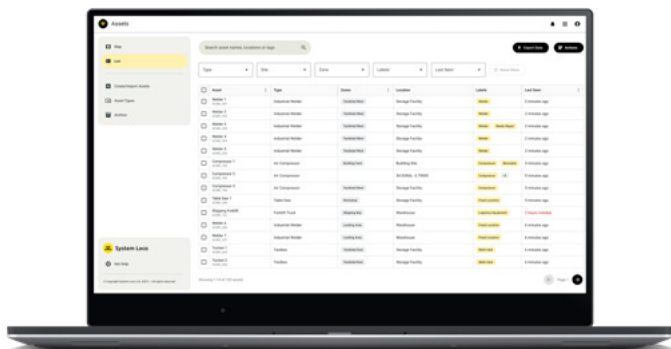
This sensor is small, compact and easy to install. Its long battery life means that assets can be monitored over a long period of time, maximising your investment in Smart Factory technology.

The LocoTag can be attached to both assets, equipment, or work in progress items, allowing personell to quickly find items for maintenance or use and allowing operational processes to be analyzed and improved.



LocoSolver

The brains of a real time location system, the LocoSolver works along side LocoHub Z1U gateways, providing real time locations of UWB sensors. Small, robust and remotely managed, it's easy to install. The LocoSolver, brings intelligence directly to the shop floor.



LocoAware Logistics Cloud

The LocoAware cloud, brings our RTLS to life. Offering simple applications to create custom solutions that perfectly suit your needs. An installation can be ready to go in days, not weeks or months or years.

Offering simple "if this then that" logic, any scenario can be created, such as:

1. Work in progress moving through the shop floor.
2. Workers entering safety critical red zones in the factory.
3. Equipment leaving its designated area.

With a suite of applications ranging from maintenance, tracking applications to shipment tracking and the ability to compose further applications quickly and easily, we are ready to support your transformation.

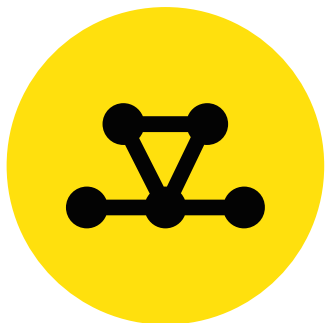
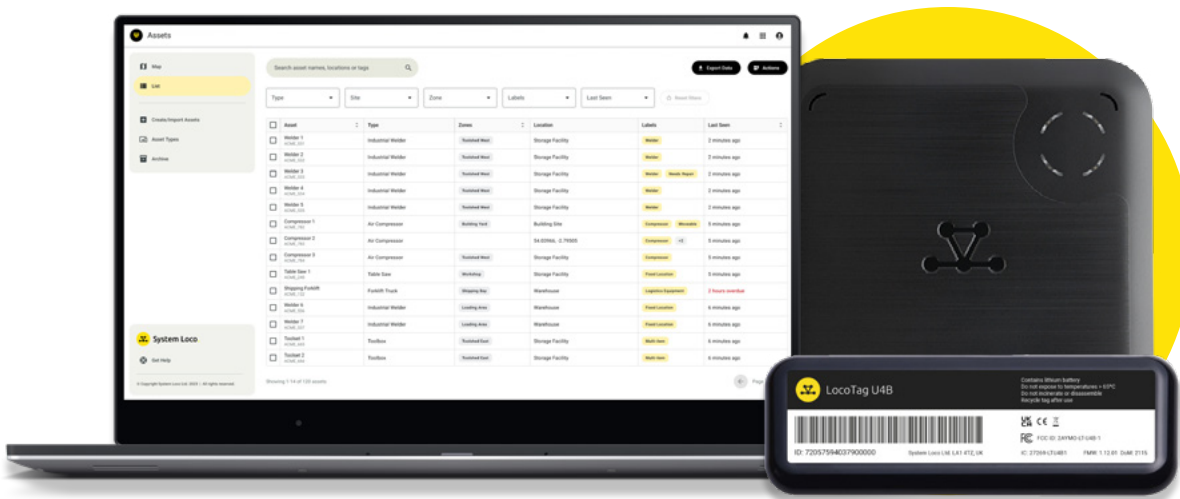
Seamless Integration

The LocoAware cloud is integration ready with simple API's and export functions. This minimizes your software and process change and protects your investments in training and systems.



We have a solution out of the box, ready to go

Speak to your sales representative now about our solution bundles, including our recommended gateways, sensors, software applications and airtime.



Elevate Your Manufacturing with System Loco

Embrace the future of smart manufacturing with System Loco's advanced RTLS. Our solution is more than just a tracking system; it's a tool that empowers you to enhance efficiency, accuracy, and productivity. Contact us to explore how our RTLS can revolutionize your manufacturing operation

sales@systemloco.com