



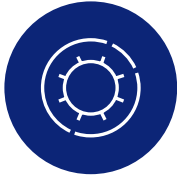
MESHSYSTEMS

An IoT Solutions Innovator

Optimizing the use of returnable/reusable shipping assets

Mesh Systems' Supply Chain Asset Tracking is an end-to-end tracking platform that uses off-the-shelf or purpose-built Bluetooth Low Energy (BLE) asset tags to monitor the status and location of reusable/returnable shipping assets, such as plastic pallets, totes, and specialized racks to expedite their return, reduce shrinkage, increase efficiencies across supply chains, and complement the capabilities of third-party ERP and asset management systems.

MESHSYSTEMS



Optimizes use of reusable shipping assets

Offers end-to-end tracking of returnable shipping assets to optimize their use across supply chains and expedite their rapid return and reuse



Reduces operating and supply chain expenses

Improves the return rate of assets, hastens the identification of misplaced, switched or stolen assets, and can be used to verify the quality and condition of contents



Increases supply chain agility and security

Integrates with other systems and processes to provide continual visibility into status of shipments, real-time updates to customers, and insights to improve decision making

Competitive advantages

- Provides a premium solution at an affordable price by leveraging standards-based Bluetooth Low Energy (BLE) asset tags
- Uses BLE beacons, which are typically battery-powered with a range of 1-70 meters (3 to 230 feet), and easily configured, using a mobile app on a smartphone. These beacons are more scalable, portable, and versatile than those, which use radio-frequency ID (RFID).
- Tracks assets both indoors, such as warehouses, and outdoors, such as freight or shipping yards
- Supports integration with other systems, including companies' proprietary shipping management systems



Ensures on-time delivery of sensitive chemicals

Evonik, one of the world's leading specialty chemical companies, needed to ensure the timely delivery of temperature sensitive chemicals. Mesh Systems provided a turnkey solution, which integrated with Evonik's shipment management systems and provided real-time tracking of shipments and their condition, along with alerts when issues were detected.

The solution increased customer satisfaction by using Bluetooth environmental sensors to ensure chemicals are kept at the right temperature and delivered when specified. Additionally, the solution laid the foundation for larger Bluetooth-based logistics and supply chain tracking and monitoring applications.

Ready to optimize the use of your reusable shipping assets?

- For more information, contact sales@mesh-systems.com.
- Learn more at www.mesh-systems.com.

About Mesh Systems

In the race for digital transformation, the Internet of Things can be the starting point or the last mile. Mesh Systems helps enterprises achieve digital transformation by providing software, services, and solutions for the Internet of Things. With 14 years of experience working with Fortune 500s and industry leaders, Mesh Systems has engineering competency across hardware, software, wireless technologies, and managed services—and the distinction of being one of the first companies to build an IoT solution on the Microsoft Azure cloud. Today, Mesh Systems is a Microsoft global Elite IoT Partner with Gold Cloud competency, is a direct CSP, and works closely with Microsoft as an IoT ecosystem enabler.