



Assetio™ Unified IoT Platform



Beyond Tracking: AI-Powered Asset Intelligence.

KEY FEATURES

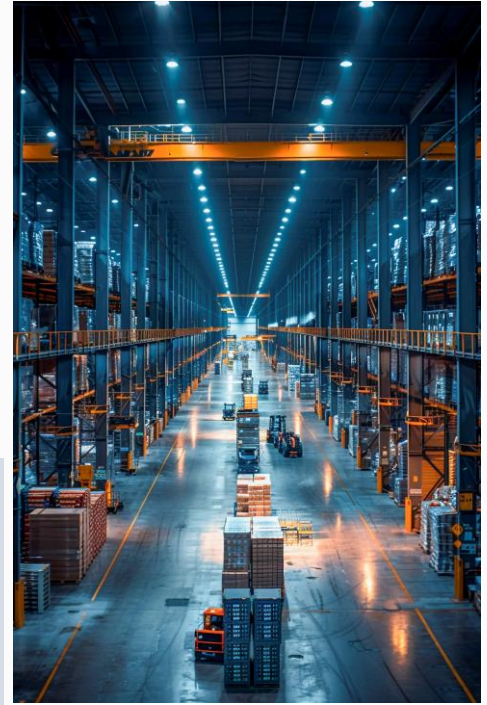
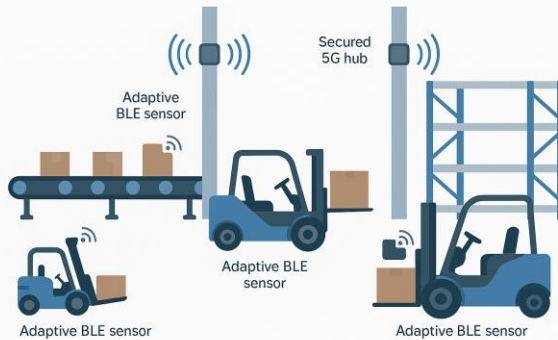
- Configurable BLE tags supporting vibration, temperature, humidity, magnetic field, rotation, and voltage monitoring
- 5G-enabled hubs with BLE Long Range (300m indoor) for scalable edge connectivity
- Embedded ML engine with on-device anomaly detection and cloud-based generative modeling
- Integrated RTLS for indoor/outdoor asset localization without Wi-Fi dependency
- Real-time dashboard and API-ready integration with maintenance and logistics systems

Warehouses, distribution centers, and manufacturing sites all face a common challenge: how to cost-effectively track and monitor a wide range of equipment and assets, both fixed and mobile, as operations evolve. Most solutions on the market are narrowly built, requiring expensive customization to adapt to different machines, workflows, or data needs. They fail to scale with operational complexity, resulting in fragmented insights and inefficiencies.

Assetflo solves this with a generative sensor model and unified RTLS framework, allowing rapid adaptation to new equipment types, behaviors, and sensor types, without the need for major customization or device integration. The platform uses rugged BLE tags, secure 5G hubs, and an embedded RTLS engine to provide real-time insight into equipment behavior, asset location, and operational status. It powers monitoring, anomaly detection, and precise location tracking across stationary and moving assets of all kinds, streamlining deployment and maximizing visibility.

Smart Sensors. Smarter Operations.

Use Case Example



In a warehouse or distribution center, BLE tags are attached to conveyor belts, forklifts, and other mobile equipment. 5G hubs, mounted on facility posts, scan and localize all assets tagged with BLE. These hubs also run edge ML to detect abnormal patterns or potential failures. As a result, operators gain real-time visibility into asset health, location, and utilization, all from a single platform.

Benefits

- ✓ Scalable monitoring across diverse assets without custom deployments
- ✓ Predictive maintenance and tamper detection for industrial equipment
- ✓ Real-time localization and tracking of tools, carts, and mobile machines
- ✓ Plug-and-play installation with minimal IT integration
- ✓ Reduced downtime and improved operational efficiency

Assetio™ by Assetflo: Your Eyes on Every Asset.