

Empowering Your Business with
Asset Tracker



POWERING CONNECTIONS



**Intelligent Asset Tracking &
Lifecycle Management**

- ✓ **Real-time Asset Location and Status Tracking:** Deployment of Mactek Asset Tracker, an IoT-based solution providing precise, real-time location and status monitoring of high-value assets, tools, and equipment across indoor, outdoor, and complex industrial environments using a combination of GPS, BLE, and RFID technologies.
- ✓ **Geofencing and Movement Alerts:** Configuration of customizable geofences (virtual boundaries) with instant alerts for asset entry, exit, or unauthorized movement, enabling proactive security measures, theft prevention, and compliance with operational zones.
- ✓ **Inventory Management and Optimization:** Automation of inventory counts, tracking of asset utilization rates, and identification of idle or underutilized assets, leading to optimized inventory levels, reduced carrying costs, and improved asset allocation efficiency.
- ✓ **Integration with Existing Asset Databases:** Seamless integration with existing Enterprise Resource Planning (ERP), Computerized Maintenance Management Systems (CMMS), and Warehouse Management Systems (WMS) via robust APIs, ensuring a unified and accurate view of all asset data.

Technical Specifications

Features

- ✓ Tracking Technology
- ✓ Real-time Updates
- ✓ Geofencing
- ✓ Battery Life
- ✓ Reporting & Analytics
- ✓ Integration
- ✓ Hardware
- ✓ Software
- ✓ Alerts & Notifications
- ✓ Deployment
- ✓ Security

Specifications

- ✓ NFC (Near field communication)
- ✓ Configurable Update Intervals (e.g., every 5 seconds to 1 hour), Event triggered Updates
- ✓ Customizable Circular, Polygonal, and Route-based Geofences; Entry/Exit Alerts, Speed Alerts
- ✓ Up to 5 years (for BLE/RFID tags, depending on configuration)
- ✓ Historical Location Data, Movement Paths, Utilization Reports, Dwell Time Analysis, Alert Logs, Customizable Dashboards
- ✓ RESTful API for integration with ERP (SAP, Oracle), CMMS (Maximo), WMS, SCADA systems
- ✓ Compact NFC Trackers (IP67 rated), NFC Readers
- ✓ Cloud-based Asset Tracking Platform with Web Portal and Mobile Applications (iOS/Android)
- ✓ Email, SMS, In-App Notifications for Geofence Breaches, Low Battery, Tampering
- ✓ Self-installation or Professional Installation Services
- ✓ Data Encryption (AES-256), Secure Communication Protocols (TLS), Role-based Access Control

Why Choose Us?

- 01. Complete Asset Visibility:** Gain unparalleled, real-time visibility into the exact location and operational status of every critical asset, both indoors and outdoors, eliminating manual searches and significantly improving operational efficiency and accountability.
- 02. Robust Loss Prevention:** Our advanced geofencing and instant alert capabilities provide an impenetrable layer of security, proactively preventing asset loss, theft, and unauthorized movement, safeguarding your valuable investments and ensuring compliance.
- 03. Optimized Asset Utilization:** Transform your asset management with data driven insights into utilization patterns, enabling you to optimize deployment, reduce idle time, and extend the lifespan of your equipment, leading to substantial cost savings and improved productivity.

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