GAO RFID

Integrated RFID and BLE hardware and software systems for real-time asset tracking, inventory, and personnel management in biotech and healthcare.

https://gaorfid.com/

Overview

GAO RFID is a leading global provider of comprehensive Radio Frequency Identification (RFID) and Bluetooth Low Energy (BLE) hardware and software systems. The company offers one of the world's largest selections of RFID hardware (readers, tags, antennas, gateways) and couples it with its proprietary software platform, the GAO IoT System, which is built on a powerful "Middleware" or "Auto-ID Engine" for real-time data processing and control.

Key Capabilities for Biotech & Healthcare

GAO RFID solutions are highly utilized in the healthcare and pharmaceutical sectors to address critical challenges:

Medication and Pharmaceutical Tracking: Real-time tracking of medications from production to patient administration, ensuring correct dispensing, monitoring expiry dates, and aiding in regulatory compliance (e.g., DSCSA).

Surgical Instrument Management: Tracking surgical tools to enhance asset visibility, confirm sterilization, and reduce loss rates.

Patient Identification and Safety: Using RFID/BLE wristbands for instant, accurate patient identification, reducing medication errors, and monitoring patient location (e.g., for dementia patients).

Clinical Trial and Lab Management: Tracking biological samples, drugs, and equipment used in clinical trials to improve data accuracy and streamline processes.

Asset and Inventory Management: Automating stock checks for medical supplies, blood bags, and critical equipment like ventilators and IV pumps, minimizing shortages.

Software Features

The software component provides a web-based user interface for remote management and features a real-time map view for location monitoring. It supports multi-site deployment with data layer

synchronization and offers robust security features, including multi-factor authentication token pairing for secure access control.

Target Market

GAO RFID targets mid-market and enterprise-level organizations, including Fortune 500 companies, government agencies, R&D firms, and large hospital systems, offering both off-the-shelf and highly customized solutions.

Key Features

- Real-Time Asset and Personnel Tracking (RFID/BLE)
- Customizable RFID Middleware/Auto-ID Engine
- Multi-Factor Authentication (MFA) Token Pairing
- Role-Based Access Control (RBAC)
- Web-Based Remote Management and Real-Time Map View
- Customizable Reporting and Audit Logging
- REST API for Third-Party System Integration

Pricing

Model: enterprise

Contact vendor for pricing. Solutions are customized, integrated hardware and software systems. A free trial is available for the software component.

Target Company Size: medium, enterprise

Integrations

Oracle SCM Cloud, SAP EWM, Leading Healthcare Management Solutions

Compliance & Certifications

HIPAA