

REAL-TIME LOCATION SYSTEM FOR HEALTHCARE ASSETS



INCREASE CLINICAL PRODUCTIVITY WITH REAL-TIME ASSET TRACKING

In healthcare providers' constant quest to reduce costs, improve quality of care and heighten patient satisfaction, mobile asset management presents a surprising challenge. Items such as infusion pumps, wheelchairs and portable scanners are often scattered across the facility or hoarded by departments. Searching wastes staff time. Excess inventory drives up capital expenses and maintenance costs.

The solution: real-time location systems (RTLS) — wireless sensors that track asset location and movement, enabling clinical staff to locate the nearest available item instantly. Unlike the previous generation of complex, expensive, radio frequency identification (RFID) technologies, Intelligent Systems offers a more simple and affordable solution than any other system (including RFID.)

THE CDW SOLUTION: RTLS for healthcare assets, powered by Intelligent Locations aTrak



Intelligent Locations' innovative aTrak solution delivers precise, real-time asset tracking via a simple Bluetooth low energy (BLE) RTLS system and cloud-based analytics.

The advantages:



A low-cost, full-feature solution purpose built for healthcare environments



Easy accessibility via any web browser — or an iOS or Android smartphone app that lets clinicians stay mobile



Plug-and-play deployment of gateways and beacons to simplify IT management



Data analytics insights that improve workflow and help reduce excess inventory



WHY CDW?

We help customers accelerate competitive business transformation in a rapidly changing digital world. Our expert business architects orchestrate people, processes, technologies and partners into solutions that answer business goals.



SNAPSHOT OF FEATURES

- Unique BLE gateway installable on any 110V wall outlet
- Use of existing Wi-Fi to simplify network connectivity
- Convenient self-powered BLE beacon tags
- Location granularity tunable to within a few feet
- Cloud-based application for location tracking in real time
- Location data accessible on the move via iOS and Android apps
- Solution engineered for quick, easy deployment

A NEW GENERATION OF HEALTHCARE ASSET TRACKING



Intelligent Locations aTrak for healthcare assets

CDW partners with Intelligent Locations, offering a powerfully simple, cost-effective solution that helps hospitals and other healthcare facilities solve their mobile asset management challenges.



EMPOWER CLINICIANS

Use real-time location data to locate critical care equipment quickly; and data analytics to optimize staging



IMPROVE PRODUCTIVITY

Increase clinical and biomedical engineering staff efficiency through real-time and historical asset utilization data



REDUCE ASSET MANAGEMENT COSTS

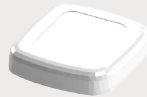
Helps staff spend less time searching for equipment, use assets more efficiently and reduce inventory overstock

A SIMPLE SOLUTION WITH POWERFUL CAPABILITIES



Intelligent Locations wireless BLE gateway

Gateways deployed throughout the facility create a mesh sensor network that pinpoints BLE tag locations. Location data is streamed to the cloud via Wi-Fi connectivity. A standard 110V wall outlet plug-in eases deployment.



Asset tracking BLE tag

The small, inexpensive BLE beacon tags are placed unobtrusively on assets to be tracked. Self-powered, with a three-year battery life, they are field replaceable when the battery is exhausted.



Cloud-based Central Console

Intelligent Locations cloud-based Central Console provides a real-time view of system health, delivers remote hardware and software programming updates, offers access to analytics data, and sends automatic alarm notifications.



Smartphone app

iOS or Android app-equipped clinicians can locate the nearest available asset instantly to streamline patient care.

Mobile assets like these are ideal for RTLS tracking:

- | | | |
|--|---------------------------|-------------------|
| ➔ Infusion pumps | ➔ Mobile C-arms | ➔ Thermometers |
| ➔ Electric cooling machines | ➔ Epidural pumps | ➔ Wheelchairs |
| ➔ Bladder scanners | ➔ Transport monitors | ➔ TELE PACK units |
| ➔ Portable X-ray machines | ➔ Syringe pumps | ➔ Oxymeters |
| ➔ Portable computed tomography (CT) scanners | ➔ Blood pressure monitors | ➔ Beds |



For more information or a demo of the Intelligent Locations solution, start your digital transformation here:

CONTACT YOUR CDW ACCOUNT MANAGER AT 800.800.4239

