

Wi-Fi Asset Tracking Solution

Locate, track and secure your healthcare equipment in real-time.



CHALLENGES

Being unable to track down medical equipment can be hugely detrimental to patient health. Nurses spend over 20 minutes per shift searching for misplaced equipment, while some hospitals purchase 20-50% more assets than necessary to ensure staff have what they need when they need it. When lost equipment is retrieved, it may not be service-ready because of damage or contamination. Knowing where,

and how, your assets are being used is crucial to service delivery and efficient utilization. Tracking equipment can be a full-time job—finding a \$150 wheelchair can hijack staff time and cost thousands of dollars.

SOLUTION

The GuardRFID® Asset Tracking solution provides real-time visibility of your assets and enables staff to quickly find the equipment they need to offer the best possible patient care. Our small Wi-Fi asset tags combined with our AllGuard® software, provide a real-time view of the location and status of your equipment. The solution leverages existing Wi-Fi infrastructure and can be easily expanded to provide Contact Tracing and Staff Duress monitoring. The solution allows your staff to spend more time on providing care, minimizing asset loss and improving utilization rates.

HOW IT WORKS

The solution uses the existing Wi-Fi network to provide real-time locating information, GuardRFID Tag Exciters at key locations are used to provide floor and room discrimination, and AllGuard enterprise software is used to identify tags, manage tag rules, and activate alarms. Each piece of equipment is assigned a tag – its location is seen in real-time, while the software activates alarms when tagged items move from secured areas. The solution software also supports CMMS to streamline asset management and supports the IHE PCD standards to show the status of assets, such as IV Pumps.



Have continuous visibility on your assets and equipment with our Asset Tracking Healthcare Solution that allows you to maximize use of your equipment, and guard against loss and theft.



*Achieve **maximum equipment utilization** and **prevent asset loss** with real-time tracking and visibility of your healthcare equipment.*

Asset Tracking Solution

SOLUTION BENEFITS

- Provide real-time information to your staff about your healthcare assets so that they can locate and track equipment in real-time, realizing instant cost savings and reducing loss and theft.
- Simple asset tracking workflow to help improve efficiencies by ensuring proper inter-department charge-outs, maximizing asset utilization, and staying up-to-date with scheduled maintenance.
- Solution leverages existing Wi-Fi network to provide location monitoring while GuardRFID exciters are used at key checkpoints to confirm tag position.
- Supports CMMS and IHE PCD standards to streamline asset management and show individual asset status.
- Accurate floor discrimination so you always know where equipment is located regardless of building complexity.
- Configure the system to alert you if critical assets are moved unexpectedly.
- Generate different levels of reports for inventory audits.
- The Wi-Fi solution can be easily expanded to support other solutions like Staff Duress and Contact Tracing.

ISSUES & CHALLENGES



Finding a \$150 Wheelchair can cost thousands of dollars of staff time

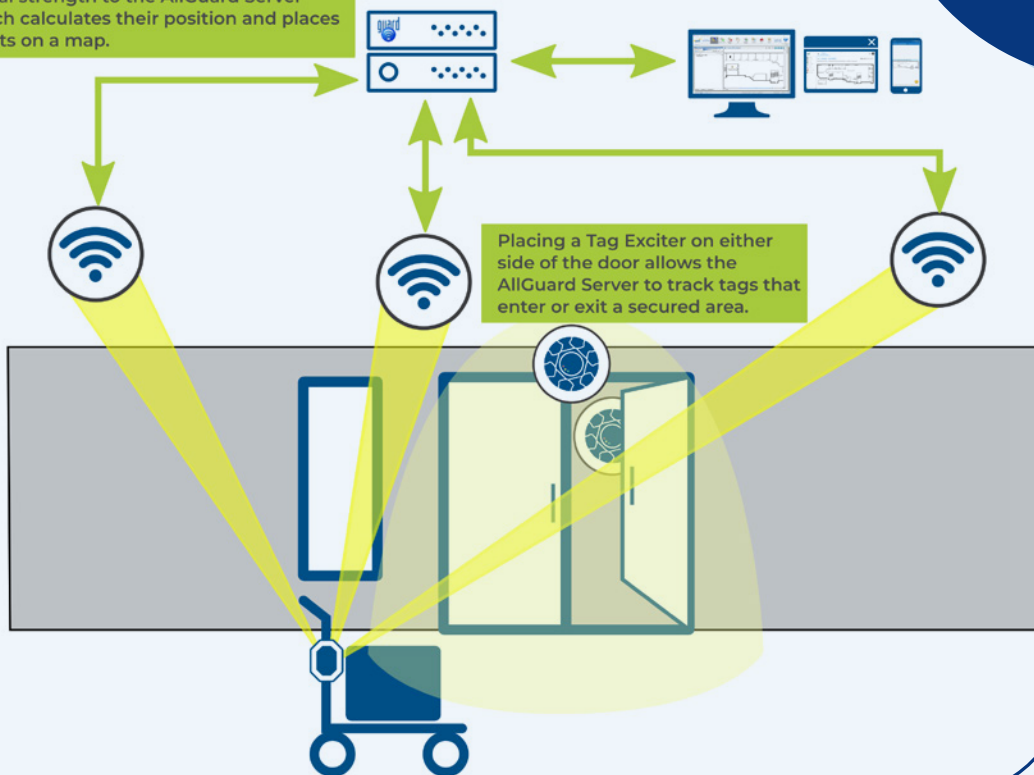


Hospital employees spend up to **4 hours** searching for special-use hospital beds



Between **10%-20%** of a hospital's mobile assets are stolen or lost during their useful life

The system uses Wi-Fi access points and Tag Exciters to relay tag information & signal strength to the AllGuard Server which calculates their position and places assets on a map.



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