



Smarter Asset Tracking

Reduce unnecessary replacement of high value medical equipment by tracking location information

A regional medical center offers refreshing alternative to traditional hospital and sets the stage for new standard in healthcare.

Challenge

A regional medical center was looking for ways to reduce their annual spend on replacing high value medical equipment that went missing. A typical acute care facility maintains millions of medical devices that cost anywhere from a few hundred dollars to \$50 thousand or more.

Financial burdens coupled with challenges like equipment hoarding, accidental loss and theft have forced healthcare facilities to look for more cost effective ways to prevent unnecessary spend.

Solution

The regional medical center used THiNaër's platform and easy Asset Tracking solution to gain a comprehensive view of high value inventory. The solution includes industrial beacons capable of emitting proximity information, enterprise-grade gateways capable of capturing beacon information and Sonar, a web-based dashboard that displays real-time information about critical assets.

To gain real-time insights into their assets, the facility management and THiNaër implementation services teams placed industrial beacons on a variety of moveable medical devices. From wheelchairs to infusion pumps, moveable medical devices and high value assets were outfitted with beacons, transforming them into smart devices capable of providing real-time location information. To capture that location information, enterprise-grade gateways were placed throughout the hospital to capture movement details about the assets containing beacons. But how does that translate to real-time data that drives down the cost of replacing equipment?

Built on a flexible but robust platform, Sonar is the web-based dashboard that displays captured location information in a human-readable format that anyone can use to understand where devices are, how they're being used and if they're truly missing or simply misplaced.

Results

Over the course of the pilot, the hospital learned that they were spending nearly 5% more than they needed to replacing equipment that wasn't really missing. On the surface, 5% seems low but easily translates to millions of dollars in savings for the typical healthcare facility that maintains millions of moveable medical devices. Preventing even a single ventilator from going missing each year could mean annual savings of over \$22 thousand.

To learn more about this use case and other solutions powered by THiNaër, [contact us](#).

Key Takeaways

Customer

- a regional medical center

Industry

- healthcare

Challenge

- healthcare facility wanted to reduce cost associated with purchasing moveable medical devices

Solution components

- THiNaër platform
- Bluetooth/BLE beacons
- Enterprise-grade gateway
- [Sonar](#) dashboard
- THiNaër implementation services

Results

- hospital decrease annual spend by nearly 5%

Contacts

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If you could solve even one problem today, what would it be?

THiNaër is helping organizations save money and increase revenue with IoT solutions that can be deployed today and enhanced tomorrow.

Contact info@thinaer.io to customize your IoT solution