

Visi-Trac For Healthcare



Highlights

- Real-time asset and provider locator
- Patient flow timeline
- Equipment and supplies manager
- Online equipment scheduling and supplies ordering
- Real-time alerts including staff duress
- Integrates clinical solutions into one common interface
- Multiple technologies supported: Barcode, Passive RFID, RTLS, Wi-Fi and Sensors
- Touchscreen interface
- Mobile devices supported: smartphones, tablets and handheld readers

Visi-Trac for Healthcare

In today's hospital environment, the number of procedures, medications and equipment a facility uses are almost limitless. Cumbersome manual processes to manage the healthcare supply chain can affect budgets and impact delivery of care. Even though inventory management is of the utmost importance, most nurses and healthcare professionals are not logistics professionals. When inventory is not tracked properly, inefficiency and additional costs can increase. Supplies get lost, stock-outs occur, critical equipment locations are uncertain, and on-hand inventory can balloon unnecessarily. Visi-Trac can solve these problems.

Visi-Trac for Healthcare provides visibility to track assets, patients, and inventory while increasing provider productivity throughout a healthcare enterprise. It simplifies the tracking and management of asset location, status and availability of medical equipment. It improves patient flow and the overall healthcare experience. Visi-Trac can aggregate the outputs from many medical systems into a common user interface. This improves the quality of service, health outcomes and financial performance.

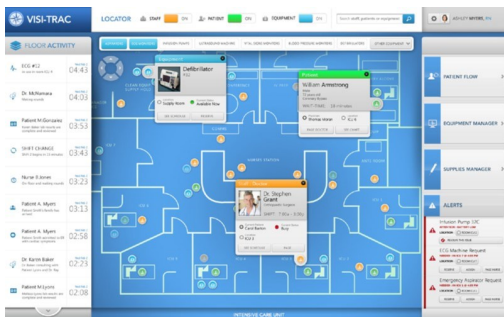
Features

Real-Time Locator

The main location screen provides instant visual information on where equipment is located throughout a hospital, using a floor plan of the facility. Select the type of mobile equipment to be found, such as ECG monitors, infusion pumps or ultrasound machines, and the location and availability of the equipment is displayed. Reserve the equipment from a central nurses' station. Monitor location of patients and healthcare providers and send pages and alerts directly from a central monitor.

Patient Flow

Track the patient from the moment of arrival at the facility including progress through treatment procedures with updated information on location, condition and vital signs. Enhance the quality of service to patient caregivers by communicating real-time updates on status and planned treatments.





Equipment Manager

Get the right equipment to the right location at the right time, by tracking the location and status of mobile equipment, reserving the equipment online, and sending alerts to have equipment brought to the point of care. Equipment can include aspirators, beds, defibrillators, infusion pumps, blood pressure monitors, vital signs monitors and wheelchairs, or any type of specialized medical equipment.

Supplies Manager

Find consumable supplies and medications, get automatic alerts on expiration dates, see quantities in stock; re-order supplies directly from a central nurse station. Track catheters, IVs, syringes, medications and other consumable supplies; link to order replenishment and patient billing systems.

Alerts

Alerts for medical equipment requiring attention or service are delivered directly to the Visi-Trac at a central monitor or on mobile devices. Staff duress and temperature alerts show remediation activities for Joint Commission compliance.

Single Platform, Multiple Technologies

Visi-Trac enables hospitals to integrate numerous wireless technologies and clinical solutions into one intuitive, easy-to-use asset management system. Visi-Trac supports barcode, RFID, RTLS and Wi-Fi technologies in one common platform.

Visi-Trac Software and Hardware Prerequisites

The following software infrastructure is required for a Visi-Trac installation:

- Microsoft Windows Server 2008 R2
- Microsoft SQL Server 2008 R2

In addition, Visi-Trac interfaces to most IT asset management systems used by many data centers, including HP Asset Manager (HPAM) and IBM Maximo and Tivoli Asset Management for IT (TAMIT).

Visi-Trac can be installed in various configurations based on the size of the deployment. Visi-Trac and its supporting components are available via web based, cloud based or an on-premise server. Minimum server requirements are:

- 2 GHz Quad Core Processor
- 8 GB RAM
- 200 GB HD

Locating and Sensor Technologies

Active and Wi-Fi Technologies

- Aeroscout (Stanley Healthcare)
- Ekahau
- SecureCare
- Sonitor
- Zebra Sapphire DART

Sensor Technologies

- Humidity Sensors
- Temperature Monitors

Passive RFID Readers

- Alien ALR9900+
- Impinj Speedway R420, xPortal and xArray
- Motorola FX7400, FX7500 and FX9500

Handheld RFID Readers

- Alien ALH 9010 and ALH 9011
- Motorola MC3190Z and MC9190Z

Mobile Devices

- Android OS smartphones and tablets
- Apple iOS smartphones and tablets
- BayNexus Smart Digital Assistant
- Bluetooth UHF RFID snap-on sleds
 - Infinite Peripherals
 - Motorola RFD5500
 - Technology Solutions Limited

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