

SHIPCOM'S CATAMARAN ENSURES SITUATIONAL AWARENESS

- A Healthcare System has many critical components that must function together for cost effective and safe patient care
- Hospital Commanders and staff in leadership positions need to know how resources can be best utilized and where management should focus attention
- Integrated Healthcare Systems need effective asset tracking solutions
- Asset management and Asset utilization are key components of cost effective healthcare delivery
- Shipcom can provide situational awareness and provide an ROI that is measurable and spendable



Shipcom enables “The Intelligent Hospital” with Catamaran, The Industry Best Practices for an Automated Identification and Data Capture (AIDC) Solution

Managing a complex healthcare system isn't easy; but keeping track of resources can be with CATAMARAN!

Health Systems have many challenges. In addition to changing missions, declining resources, and increasing patient volume there is the requirement to optimize the healthcare system. Situational awareness of all resources and clinical support processes is critical.

Stovepipe asset tracking solutions, without integrated data reporting, aren't sufficient. Historically, asset tracking of medical supplies and equipment was viewed as key to accountability. Managing all resources to include supplies, processes such as sterilization, and patient tracking for improving workflow are just as important as key enablers of performance improvement.

Automatic Identification & Data Capture (AIDC) refers to the method of automatically collecting data directly from systems without requiring staff support. This allows staff to focus on managing delivery of patient care. Many AIDC technologies have proven effective in hospitals including bar codes, real time location systems (RTLS), active and passive radio frequency identification (aRFID, pRFID), biometrics, smart cards, etc.

The challenge is to eliminate stovepipe or standalone solutions. **An integrated healthcare system requires an integrated “total asset” management solution.**

Shipcom, a world leader in Real Time Locating Systems (RTLS) and Radio Frequency Identification (RFID) provides total asset management solutions. RTLS provides a proven approach to improve workflow, reduce hospital based infections, and ensure ORs are stocked, sterile supplies are available and locatable, and medical equipment can be located quickly.

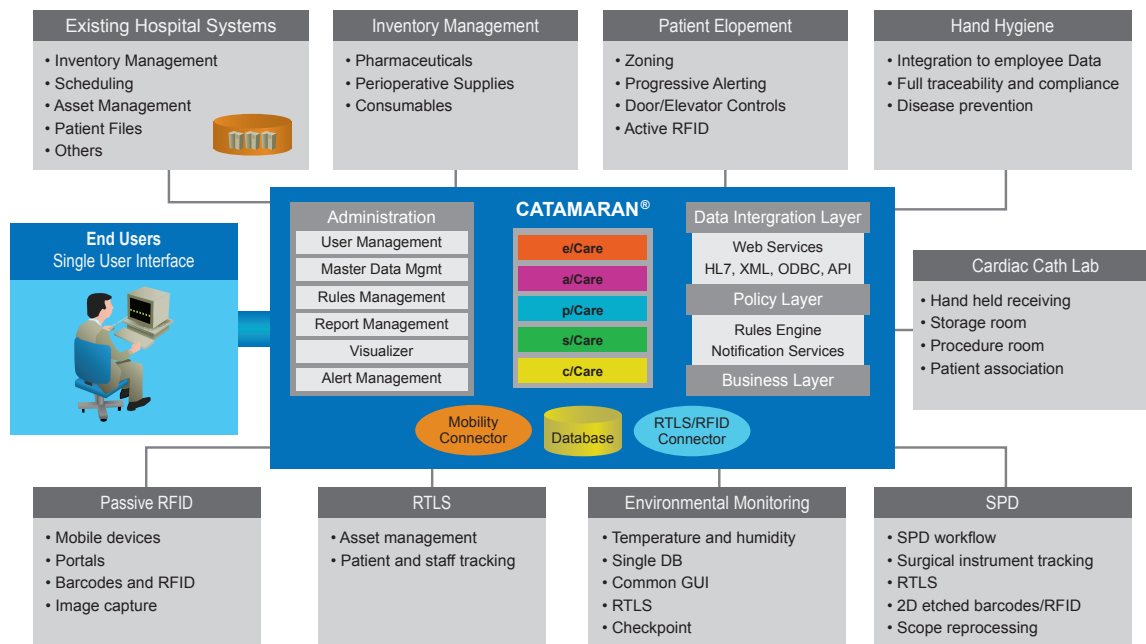


CATAMARAN; Provides Realtime Asset Management:

CATAMARAN is Shipcom's integrated asset tracking platform. It is the proven solution for all your data capture requirements providing 360° Visibility! Most importantly, the technology is easy

to install, mission flexible, scalable, adaptable to any RTLS solution, agnostic with regard to vendor products and is DIACAP approved.

Shipcom's CATAMARAN has a single Graphical User Interface (GUI) for all the Applications.



To eliminate Silos, Shipcom provides the user with a simple to use consolidated view of all resources within a facility. CATAMARAN provides real time visibility across multiple use cases. Providing a

“command and control center” for complete 360° Visibility with a common interface for queries, reporting, alerts, etc.

SHIPCOM APPLICATION PORTFOLIO:

Shipcom provides scalable solutions for today's healthcare challenges with our powerful CATAMARAN. A flexible and scalable platform for growth, additional applications, and a proven migration path to accommodate new technologies.

a/Care-Assets <ul style="list-style-type: none"> • RTLS/RFID/Barcode • Mobile Medical Devices • IT Equipment • Work Orders 	s/Care-SPD <ul style="list-style-type: none"> • RTLS/2D Barcodes • SPD Workflow • Instrument Tracking 	c/Care-CCL <ul style="list-style-type: none"> • pRFID • Smart Cabinets • Inventory Management • Charge Capture 	i/Care-Inventory <ul style="list-style-type: none"> • Perioperative Supplies • Surgical Implants • Tissue Tracking
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ASSET TRACKING APPLICATIONS:

- Asset Management uses RTLS for mobile equipment with bar codes or pRFID for other capital inventory .
- Remote temperature monitoring of refrigerators is based on RTLS sensors complying with Joint Commission mandates for documenting temperatures, events, alerts, resolutions, etc..
- Surgical Instrument Mangement utilizes 2D etch bar codes within the sterilization process and RTLS to monitor movement of surgical trays/case carts.
- Consumables for Cardiac Cath Lab, Tissue Tracking, etc. implement bar codes or pRFID with Smart Cabinets to automate the process for charge capture, traceability, and replenishment



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