SHIPCOM
Healthcare Solutions

"Making RTLS/RFID Work for You"

Healthcare Practice

Better **ASSET** Utilization

Improve **CLINICAL PROCESSES**

Reduce **INVENTORY** Costs

Optimize **PEOPLE** Workflows

"Nursing shortage is expected to grow relatively slowly until 2010, by which time it will have reached 12 percent. At that point demand will begin to exceed supply at an accelerated rate and by 2015 the shortage, a relatively modest 6 percent in the year 2000, will have almost quadrupled to 20 percent."

Source: Projected Supply, Demand, and Shortages of Registered Nurses: 2000-2020 U.S. Department of Health and Human Services

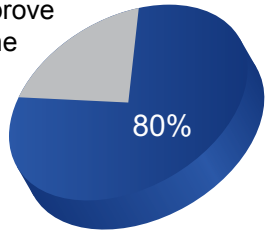
RTLS/RFID HEALTHCARE BENEFITS:

- ✓ Improve Staff Efficiencies
- ✓ Increase Patient Flow & Safety
- ✓ Reduce Hospital Borne Infections
- ✓ Improve Inventory Management
- ✓ Reduce Capital Expenditures
- ✓ Reduce Equipment Rentals
- ✓ Improve Joint Commission Compliance
- ✓ Automate Reporting

"Equipment moving from patient to patient without decontamination has become a significant issue in infection control."

Source: Joint Commission

Shipcom understands that hospitals have many challenges in today's economy, experiencing increased pressure to improve productivity and quality of patient care while reducing costs and meeting high quality standards. These pressures, combined with a diminishing supply of medical staff, have encouraged hospital executives to aggressively adopt RTLS/RFID and other Automated Identification & Data Collection (AIDC) technologies to improve operational visibility as part of the solution.



"80% of C-level executives in healthcare consider RFID is important to their strategies."

Source: Bearing Point

REAL TIME VISIBILITY FOR ACTIONABLE INTELLIGENCE

Shipcom provides real time clinical visibility to manage your assets, people, clinical processes, and inventory. Many different technologies are available to assist hospitals but which do you use? We follow technology neutral principles and practices where we assess and allow the application to dictate the best technology.

"Hospitals misplace or lose 10-20% of an estimated $750 million of their valuable medical equipment annually, wasting staff and patient time and incurring costly replacement charges."

Source: Frost & Sullivan

Our solution is an enterprise framework, fully integrated and highly scalable that delivers unsurpassed visibility throughout the enterprise by simultaneously leveraging multiple technologies.

RTLS/RFID technology is only the beginning. Hospitals' challenging environment requires an integrated approach with real time visibility and conditional logic providing decision support to improve utilization of your resources. Critical components include the appropriate level of alerting, dynamic dashboards, and actionable reporting.

MHealth, defined as the use of mobile devices in the practice of healthcare, is required as most hospital workers are mobile. Shipcom's mobility practice supports alerts, dashboards, as well as our common Graphical User Interface across many mobile devices including the iPad.

RETURN ON INVESTMENT

As with all new technology solutions, a proven and measurable Return on Investment (ROI) with business benefits must be defined. Shipcom understands there are limited budgets and IT resources which demand a leverage implementation methodology. How should a hospital adopt an enterprise visibility solution? It starts with a scalable framework and initial application with the highest proven ROI. RTLS for managing mobile medical assets has shown a typical ROI of 12 months or less with significant soft benefits. Regardless of the RTLS technology, it provides an enterprise visibility solution that can be leveraged for additional applications.

LEVERAGE IMPLEMENTATION PHASES

Assets	Clinical Processes	Inventory	People
• Allocations • Staff efficiencies • Rentals & capital budget • Equipment recalls • PM compliance • Temperature/Humidity	• Equipment decontamination process • SPD process • Scope reprocessing • Hand washing hygiene	• Cath Labs • Pharmacy • Surgical Implants • Perioperative Supplies	• Staff Safety • Infectious disease Control • Patient flow • Patient Safety
RTLS, Mobility	RTLS, Mobility, 2D Bar Codes	RTLS, Mobility, Smart Cabinets	RTLS, Mobility

LEVERAGED TECHNOLOGY

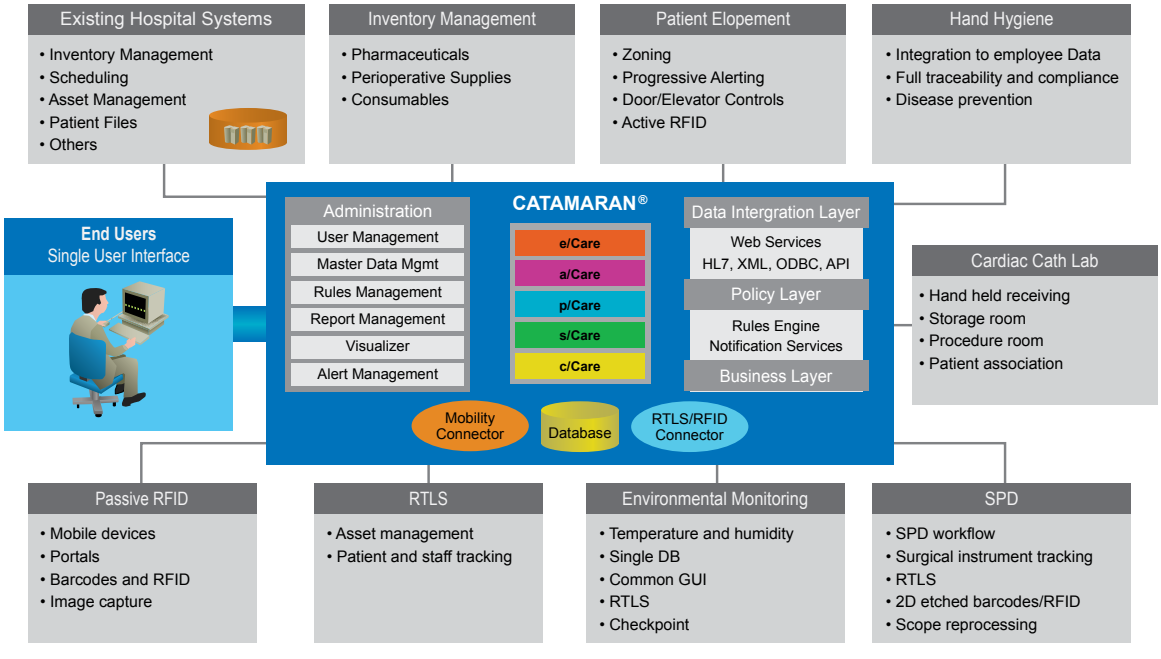
COMPLETE AND COMPREHENSIVE RTLS/RFID SOLUTION

The Shipcom solution provides a complete and comprehensive RTLS/RFID solution. Shipcom's CATAMARAN Enterprise Platform has been implemented at hundreds of client sites worldwide since 2000 and is currently on Version 11 of the life cycle. Our x/Care Solution Suite supports simultaneous interfaces between asset tracking, clinical process applications, inventory management, patient tracking and relevant back end systems. CATAMARAN's single robust user interface provides real time visibility with dynamic dashboards across all technologies/applications.

A single common graphical user interface (GUI) and database allows ease of use for tracking, reporting, and managing your clinical processes across departments help to reduce silos.

THE SHIPCOM ADVANTAGE:

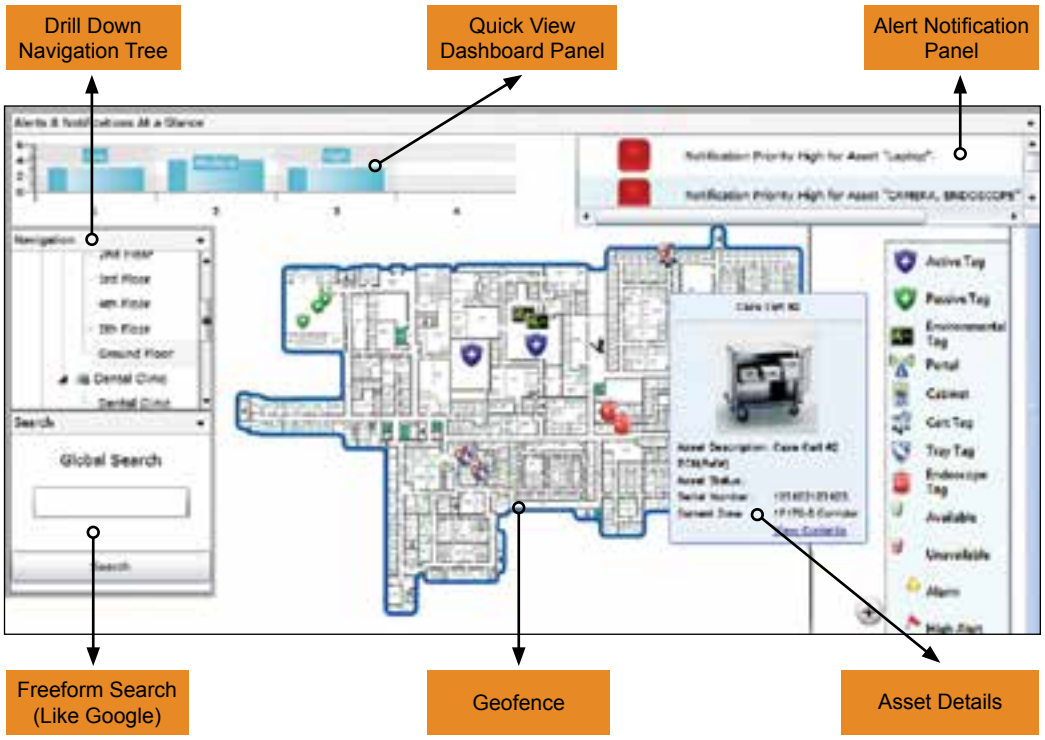
- ✓ Enterprise Framework
- ✓ Single Database
- ✓ Common GUI
- ✓ Real Time Location Systems (RTLS)
- ✓ Active RFID
- ✓ Passive RFID
- ✓ Mobility
- ✓ Bar Codes
- ✓ Smart Cabinets
- ✓ GPS



SINGLE GRAPHICAL USER INTERFACE

Shipcom's Graphical User Interface (GUI) provides enterprise visibility across multiple applications, departments, systems, and technologies. Our GUI allows for intuitive search and responds with both graphical elements (RTLS/RFID, Passive Tags, etc.) as well as the corresponding data.

Shipcom's alerting and visualization techniques incorporates years of experience for rapid visual representations and notifications for action. Alerts, Notifications, Dashboards, Pop-outs and Reports are all intuitive and follow the workflow of the user's daily requirements. The application relies on a variety of visual queue modeling shapes and colors to provide relevant feedback to the user.



ABOUT SHIPCOM

Shipcom is a healthcare solution provider that "makes RTLS/RFID work for you". Our x/Care suite of solutions provides actionable intelligence through real time visibility of Assets, Clinical Processes, Inventory and People. Our CATAMARAN enterprise framework allows integration of technologies across departments eliminating silos within your hospital and extending your HIS systems to the mobile worker.

Shipcom has more than 15 years experience in providing integrated mobility, RFID, other AIDC technologies, workflow management, and operational dashboards for world class enterprises. We have experienced resources in analyzing the relevance of patient safety and cost benefits for leveraging RTLS/RFID in a comprehensive healthcare environment. Our primary goal is to improve the quality and safety of patient care, while reducing operating costs.

SHIPCOM
Healthcare Solutions

11200 Richmond Ave.
Suite 552
Houston, TX 77082
Phone: (281) 558-5252
Fax: (281) 558-5255

Shipcom MEA FZE
Dubai, United Arab Emirates
Phone: +(9714) 312-4914
Fax: +(9714) 312-4915

www.shipcomwireless.com

SHIPCOM APPLICATION PORTFOLIO:

a/Care-Assets
- RTLS/RFID/Barcode
- Mobile Medical Devices
- IT Equipment
- Work Order Management

s/Care-SPD
- RTLS/2D Barcodes
- SPD Workflow
- Instrument Tracking
- Scope Reprocessing

c/Care-CCL
- pRFID
- Smart Cabinets
- Inventory Management
- Charge Capture

i/Care-Inventory
- Perioperative Supplies
- Surgical Implants
- Tissue Tracking