Alithya ✳

CASE STUDY

HEALTHCARE SYSTEM
Leveraging Capsure RF to maximize clinical efficiency and patient quality of care

Healthcare. This study involves the needs of one of the largest healthcare systems in the United States, overseeing three acute care hospitals, employing more than 4,000 people, and offering a range of cardiovascular, orthopedic, neurology, behavioral health, L&D, maternity, NICU, sleep disorders, and surgical services.

Client's need

This healthcare system was seeking a viable option to replace their existing point of use system. In addition to being a costly product, the existing system was inflexible and left voids in their workflow which they sought to fill. The client also wanted to integrate its point of use system with both its EMR and ERP/Materials Management solutions. They found a solution to address those requirements in *Capsure RF*, a high-tech, cloud-based, paperless clinical and materials management product offered by Alithya. With its HIPAA-compliant platform, purpose-built for Healthcare providers, *Capsure RF* addresses four primary functions: Mobile Supply Chain automation, PAR Inventory, RFID for Inventory/Medical Equipment, and Patient Charge Capture for Point of Use.

Key advantages

> Enables tracking, management, and replenishment of daily supplies for more than 60 PAR locations;

> Provides access to real-time reports on material movements and patient charges;

> Barcode-enabled label printing functionality facilitates quick and easy Counting, Replenishment, and Patient Charging processes;

> Stores charging compliance data at both the departmental and user levels;

> Facilitates daily monitoring of quantity changes via Clinical Reconciliation Report.

Results

In *Capsure RF*, the client found a customizable solution capable of accommodating the unique workflows of each of the system's hospitals, thus maximizing clinical efficiency and patient quality of care. *Capsure RF* allows a nurse or clinical technician to enter a supply room, log in to the charging module, assign/charge items to a patient, and be back by the patient's side in less than 60 seconds.

Inventory Management

Capsure RF's mobile, handheld devices with bar code scanners facilitate the process of entering on-hand counts in PAR locations. The solution's inventory module generates purchase orders and requisitions based on replenishment calculated during PAR counts, which are automatically interfaced back to the client's ERP solution. *Capsure RF* also allows this healthcare system materials staff to seamlessly transfer materials between different PAR locations, or from hospital to hospital, while its Item Inquiry functionality allows users to view item availability in all hospital PAR locations.

Patient Charging

Capsure RF's clinical module stores each department's room/bed data and displays census information fed from the client's EMR solution via HL7/ADT (Admissions, Discharges, and Transfers) messages and patient data. Charges are then interfaced back to the client's EMR multiple times per day via HL7/DFT (Detailed Financial Transactions) messages. *Capsure RF* also facilitates the creation of Kits and Charge Bundles for items that are frequently charged together, providing staff with valuable time-saving functionality by enabling the assignment/charging of multiple items to a patient/bed with a single barcode scan.