



Client Success

Barcode Expansion Project

Past performance is the true predictor of success. We provide our customers with the highest level of service on time and within budget, every time.

AGENCY FOR WHOM WORK WAS PERFORMED: Veterans Health Administration

KEY BENEFITS PROVIDED:

- ✓ Increased positive patient identification
- ✓ Decreased patient misidentification and vulnerabilities in labeling of blood and laboratory specimens
- ✓ Decreased the duplication of work from the manual entry into CPRS (Computerized Patient Record System)
- ✓ Provided clinicians with the ability to view, monitor, and record patient information in real-time via a wireless device

Project Synopsis:

Patriot Technologies supports the Veterans Health Administration by providing services that increase positive patient identification, improve the accuracy of medication administration and decrease vulnerabilities in labeling of blood and laboratory specimens. The Barcode Expansion Project also decreases the duplication of work from the manual entry into CPRS (Computerized Patient Record System) saving clinicians valuable time at the point-of-care.

Patriot Technologies provides clinicians with the ability to view, monitor, and record patient information in real-time via a wireless device that enhances VHA's quality of care, improve quality control, and decrease the number of adverse events due to patient misidentification.

The project is being rolled out nationally to one hundred and sixty-seven VA Medical Centers in an effort to reduce IT costs, improve efficiency, speed, and quality of the health care delivered to veterans globally.

Provided Services Include:

Project Design & Development

Field Installation and Testing

Site Software and Hardware Training

Medication Administration and Documentation

- Seamless functionality between wireless and fixed devices that document medication administration through existing software applications.

Electronic Medical Record Browsing

- Capability that mirrors the "view- only" functionality of CPRS

Specimen Collection Support

- Positive identification of patient, and associated specimen and specimen label with the patient.

Blood Administration

- Positive identification of patient, and associated unit(s) and to allow the documentation of blood administration.

Nursing Documentation

- Capability to enter patient vital signs and input and output data directly into VA patient databases utilizing the wireless device.

Technologies Used:

- Microsoft Windows 2003 Server
- Microsoft SQL Server 2000
- VistA RPC
- HL-7
- PocketPC