



... *putting IT in Perspective.*

Project Name	Medical Messenger 2
Description	Electronic Medical Records (EMR) System
Customer	Vbridge FL
Size	18 Man-Years (Continued)
Technology	Server: Windows/Linux, Spring, Hibernate, MySQL, J2EE, JTA, JCA, JMS, XML, Xpath, XSD, XSLT, Jasper Reports Client: AJAX, DHTML, JNDI, PageFlakes

Medical Messenger (MM) is a mini-EMR (Electronic Medical Records) system. The system enables both Patients and Doctors to retrieve the Patient Records from anywhere. It implements an elaborate system of "permissioning" for access to Patient Records, in accordance with CCHIT, HIPAA and Patient Data Confidentiality regulations.

Devices Interface

MM has the following devices interfaced with the browser using JNDI:

- a) Phillips RFID Scanner
- b) Phillips RFID Scanner/Writer
- c) TWAIN Scanners
- d) TIFFY Scanners
- e) Bar Code Readers

EMR Modules

The EMR modules include:

- a) Demographic Information
- b) Insurance Data
- c) Emergency Contacts
- d) Family History
- e) Organ Donor Status
- f) Caregiver/Custodian
- g) Immunization Record
- h) Wellness Services Record
- i) Preventive Services Record
- j) Procedures Record
- k) Medications Record
- l) Lab Orders Record
- m) Allergies Record
- n) Vital Signs Record
- o) Consent Documents
- p) Diagnosis – Diseases
- q) Advance Directives
- r) Problems List
- s) Referral In
- t) Referral Out



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- u) Current Illness History
- v) Review of Systems
- w) Physical Exam/Test Results
- x) Diets & Supplements
- y) Progress Notes

Other Modules

The other modules include:

- a) Prescription Writer
- b) Interface to Thomson Medical databases/knowledgebase
- c) Practice Management System
- d) LabCorp Interface
- e) QuestLab Interface
- f) Pricing System
- g) HIPAA Compliant Billing & Claims Management
- h) Equipment Inventory & Tracking
- i) Medical Procedures Database & Checklist