

Project: Integrated Clinical Information System (ICIS)

Customer : Global Care Quest
Industry : Medical, Healthcare
Application : Clinical data integration and presentation
Database : SQL Server 2000/2005
Tools : VisualStudio6.0, VisualStudio2005, eVC++4.0
Language : C++, VC++, C#
Platform : Windows 2000/2003/XP, WinCE
URL : <http://www.globalcarequest.com>

Background

Global Care Quest (GCQ) is a medical information technology provider and systems integrator that collects, integrates, aggregates, and analyzes mission-critical clinical data, and makes it available to medical professionals on virtually any computing platform such as desktop and Tablet PCs, wireless PDAs, and smart phones, large-format wall-mounted flat panels and paper printouts.

GCQ brings together some of the top physicians and surgeons in the U.S. and leading experts in healthcare information technology and management to create advanced solutions to the real-world challenges of patient care.

Application Brief / Need

The ICIS System delivers powerful and flexible tools directly into the hands of health care providers to help them make quick and more informed patient care decisions. ICIS integrates hospital, clinical and radiological data, and delivers patient information directly to the medical provider via handheld devices or desktop computers. ICIS enables doctors and other healthcare professionals to access comprehensive real-time patient data at the point-of-care and wherever cellular or WiFi network coverage is available. The components/modules involved in the project are:

- ◆ ICIS Client
 - * Desktop client
 - * Hand held client
 - * Web client
- ◆ MedServer
- ◆ HL7 Server
- ◆ Database server

This application emphasizes on accuracy of real time critical patient data to be accessed from anywhere and on anytime.

Benefits / Value Proposition

ICIS system increases patient's safety, improves physician's mobility and workflow, and substantially reduces the time spent on collecting patient information. It extensively reduces leverage on attending physician by providing access to the patient data anywhere and on anytime.