



***“We Care Because We Know You Care”***

## **eDoc® Telemedicine/EHR System**

The **eDoc®** Telemedicine/EHR System represents the most technologically advanced Telemedicine or TeleHealth Solution on wheels. If you remove the wheels, it's really a mobile Health Clinic. ICUcare's development team left no stone unturned, no "i" undotted, and no "t" uncrossed in their diligent efforts to bring to you the most ergonomically friendly, technologically advanced, versatile telemedicine system ever developed.

### **Medical Cart**

As with any good design, it started from the ground up. The mobile cart is as robust and durable as anything on the market. It features include: 110VAC Powered with four integral medical grade receptacles and backed up with two medical grade DC Batteries with power management and indication. Couple with a cable management system and discreet CPU compartment and electronically lockable drawer and you have one lean mean machine.

### **Computer Workstation/ Monitor/ Conferencing Equipment**

ICUcare chose the Dell Model 760 Ultra-slim CPU featuring Dual Core 2 E8400/3.0 GHz, 6M, 1333FSB Processor, running Windows XP PRO, 4GB, Non-ECC, 800MHz Ram with Integrated Video, GMA 4500, 24x24 CDRW/DVD Drive, Stereo Sound Bar and featuring Blue Tooth Wireless technology. Add a 22 Wide Screen Monitor, a proprietary acoustic echo cancellation, noise suppression video conferencing quality Speakerphone, a Sony 18X optical zoom lens PTZ controlled Video Camera featuring 1/4 CCD technology and you have a system that will satisfy even the most ardent IS Engineer or IT-savy Medical Practitioner.

### **Standard Medical Devices/Technology Included with Standard eDoc® Telemedicine/EHR System**

- Welch Allyn Spot Vitals Monitor featuring NIBP, HR, SPO2 and Nellcor Temperature
- 3M Littman Digital Electronic Stethoscope featuring Blue Tooth and (ANR) technology
- Dino-Lite Digital Video Iris Examination Scope featuring still image capturing with annotation
- Dino-Lite Digital Video Ear Examination Scope featuring still image capture with annotation
- Cosmed Digital Spirometer featuring FVC, SVC and MVV lung function screening

### **eDoc® Telemed/EHR Desktop Telemedicine Application**

At the heart of every **eDoc®** Telemedicine/EHR System is the newly developed **eDoc®** Telemed/EHR Desktop Telemedicine Software. ICUcare's **eDoc®** Telemed/EHR was the first comprehensive telemedicine/EHR software solution developed and marketed by any US owned corporation in the western hemisphere.

The **eDoc®** Telemed/EHR Suite of Products features include a full compliment of standard medical device interfaces and supports multiple party live streaming video conferencing as well as store and forward abilities. Additionally, the solution provides multiple features like security, scheduling, forms and files data entry, image view /manipulation support, offline data transfer within the deployment or such other deployments outside, and much more.

***The newly enhanced certifiable EHR system has been developed in accordance with the latest release of the HITECH Certification Specifications as published on December 31, 2009. These standards set forth EHR vendor requirements as they relate to “meaningful use” and the associated federally mandated incentive programs for qualifying physicians.***

The **eDoc®** Telemed/EHR Telemedicine System is available in both desktop versions with or without client server platforms at the patient end and hosted by ICUcare's centrally implemented Telemedicine/EHR solution at the physicians end via web browser based **eDoc®** Telemed Web Portal and supported by the first vertically integrated PHR Web Portal program in North America.

The **eDoc**<sup>®</sup> Telemed/EHR Desktop Telemedicine Application provides all the features and capabilities required by a telemedicine system such as; data acquisition and insertion, EMR building, user discovery and connectivity, diagnostics capabilities, send and receiving offline data and real time telemedicine consultation/encounters.

## Features

- Consolidated and comprehensive integrated Electronic Medical/Health Record (EMR/EHR)
- Authenticated secure access to patient EMR/EHR via biometrics
- Robust security management using 128 Bit encryption
- Interfaces with a large range of off-the-shelf medical devices
- Secure Login & Content Encryption
- Ability to remotely control **eDoc**<sup>®</sup> Desktop (patient end) from remote location. (Permissible)
- Anywhere and anytime (24/7) access via LAN / Internet
- Referral(s) of patient through multilevel structure
- User-friendly Graphical Interface with intuitive usability options
- Supports wide range of standards for data and device interface
- Integrated Live Audio, Video Conferencing
- In-place image viewing capability
- Text and e-mail messaging and alarm notification
- Immediate and scheduled Offline Data Transfer capability
- Recording of Consult (multiple parties) capability with local and offsite storage/recall
- Comprehensive set of Imaging operations to include enhancements and annotations
- HIPPA Compliant

## Advantages and Benefits

- Comprehensive integral EMR/EHR records rich set of modalities like X-Ray, MRI, ECG, EEG, Reports, Advices, Inferences and Expert Opinions
- Supports wide range of formats such as: JPEG, TIFF, BMP, XML, HL7 and DICOM and provides freedom to include images, scans. Audio, video and word documents
- Real-time collaboration with integral video conferencing between Clinician and/or Doctor and Specialist and provides for the ability of sharing or transferring records, and synchronize views leading to more expedient decisions and improved outcomes
- Comprehensive tool suite to manage user accounts, offline data flow, generate reports, monitor services, and archive/restore data
- Optimal bandwidth utilization and operability over any connectivity media such ISDN, VSAT, PSTN, Broadband, Wi-Fi, WiMAX as per availability
- Provides unmatched interoperability with Medical Informatics Standards (DICOM and HL7) compliant devices and/or applications
- Current Procedural Terminology and International Classification of Diseases (ICD) support helps doctors to describe medical, surgical, injuries, diseases, and conditions relevant to patient conditions
- No-cost Comprehensive Technical Support for One Year and free upgrades for five years

## Minimum System Configuration Requirements

Windows XP SP2/SP3/VISTA Operating System

Minimum of 50MB Installation with data storage as needed

LCD Monitor with 1024x768 @ 32 bit or higher

Web camera with Microphone and Speakers

Active Network Adapter and/or Internet Connection (Min. 0.50 Mb Upload & 2.0 Mb Download)

.NET 3.5 SQL Server 2008 Express Edition