Global Care International

"We Care Because We Know You Care"

*e*Doc® Mobile Telemedicine/EHR System

The *e*Doc® Mobile Telemedicine/EHR System represents the most technologically advanced mobile Telemedicine or TeleHealth Solution ever developed. It represents a substantial breakthrough in the ability to deliver health care services to the patient, anywhere, anytime irrespective of geographic boundaries. It's like having a mobile Health Clinic and all it represents at your disposal 24/7.

Every design feature and function as represented in the "Hospital Grade Medical Cart" version has been replicated in order to provide the same comprehensive, all-in-one vertically integrated Telemedicine, EHR, Video Conferencing system that medical professionals around the world have come to expect from Global Care International.

The system can be configured in several variations as required for different deployments having to do with medical speciality applications i.e. psychiatry, radiology verses primary care or due to environmental requirements having to do with where the system may be deployed and/or used. (i.e Jungles of Africa or the interior/costal plains of Alaska) The *e*Doc® Mobile System is changing the landscape for medical delivery systems.

Look to Global Care International when you want results not just promises!

Medical Transport Case

In the standard configuration, the case is a Platium Roller Laptop Case with telescoping trolley handle and in line skate wheels capable of fitting into the overhead bin of an airplane. As with all of the eDoc Mobile Transport cases, there is ample room for all the medical devices as regularly provided with the eDoc Mobile.

The "Rugged" configuration version features an IP65 waterproof HPX Resin case with four press & pull latches, three soft-grip handles, two padlockable hasps, in-line wheels, telescoping handle, vortex valve with a life time warranty suitable for the most demanding environments. Additional options may include integrated power management to include 120/230 VAC, DC power transformer and multiple outlets. Other optional equipment to include mobile satellite module/controller and auxiliary power solar panels.

Notebook Computer/Conferencing Equipment

The computer provided in the standard configuration is an Inspiron 17.3" HD+ (1600 x 900) WLED TrueLife™ Display Notebook featuring 2010 Intel® Core™ i3-350M 2.26GHz Processor, running Windows® 7 PRO, 4GB, Non-ECC, 800MHz Ram with Integrated 2.0M Webcam, 8X CD/DVD Drive, Wireless DW1501, 802.11 g/n 1x1 Half Minin Card, Lithium Ion (6-Cell) Battery (3.5 Hrs) and featuring Blue Tooth Wireless technology.

In the "Rugged" configuration version of the *e*Doc® Mobile we have chosen to use the Durabook D14RM Toughbook computer with 14.1 Sunlight-Viewable & Touch Screen Display, Intel Core2 Duo 2.8GHz Processor, with 320GB HDD 7200 RPM Drive, 4GB RAM,Integrated 2.0 Webcam, Internal GPS, Waterproof & Spill-proof Keyboard, Bluetooth Wireless Technology, 802.11 g/n Mini Card, Smart Lithium-Ion 9-Cell High Capacity Battery, Externally Mountable Antenna. This notebook's case is constructed of Titanium and capable of withstanding a 6.0 Foot Drop Test and still keep on working.

As with every configuration of the eDoc Telemedicine/EHR Solutions, the *e*Doc® Mobile system includes a Phoenix Echo-cancellation, Noise Suppression Audio Speaker/Microphone System.

Standard Medical Devices/Technology Included with Standard *e*Doc® Telemedicine/EHR System

- ICUcare's own Continuous/Spot Vitals Wireless Patient Monitor featuring ECG, Respiration, NIBP, HR, SPo2 and Temperature (The worlds first six-parameter wireless monitor)
- 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 Otoscope Examination Scope featuring still image capture with annotation
- Cosmed Digital Spirometer featuring FVC, SVC and MVV lung function screening

*e*Doc® Telemed/EHR Desktop Telemedicine Application

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

The *e*Doc® 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 *e*Doc® 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 *e*Doc® Telemed Web Portal and supported by the first vertically integrated PHR Web Portal program in North America.

The *e*Doc® 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 *e*Doc® 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
- HIPAA 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-

- 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 (Software Application)

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 (Echo-cancelling capability preferred)
Active Network Adpater and/or Internet Connection (Min. 0.50 Mb Upload & 2.0 Mb Download)
.NET 3.5 SQL Server 2008 Express Edition

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● Optimal bandwidth utilization and operability over any connectivity media such ISDN, VSAT, PSTN, Broadband, Wi-Fi, WiMAX as per availability
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