

Through Tele Doctor

Doctor and Patient

are just click away

QUALITY HEALTHCARE FOR ALL



eHealthopinion

by Medisoft Telemedicine Pvt. Ltd.

MEDISOFTTM
TELEMEDICINE

www.medisofttelemedicine.com

Company PROFILE

Medisoft Telemedicine Pvt. Ltd. is a research and development company focused in telemedicine. At **Medisoft**, We firmly believe that *"Quality Health care is the right to ALL"*. Due to indigenous and focused effort on telemedicine, Medisoft has been able to provide innovative, cost effective and adaptive solutions. Using the latest technologies, we can customize system as per your requirements.

Testimonials

"I would like to mention here that after having decided for some other software from USA for our projects; I changed to Tele Doctor because I am convinced about its quality and features". - **Dr. Zakiuddin Ahmed** of ehealth services, Pakistan

"I think your product is going to revolutionize the way we interact with patients. Distance will become immaterial with these type of facilities". - **Dr. Pankaj Kumar Srivastava**, India

"Innovative and cost effective telemedicine concept". - **Dr. Sanjeev Mehta**, India

Tele Doctor CLIENTELE

Partial list of our clientele

Nanavati Hospital	India
Wockhardt Hospitals	India
Genesis TeleCare	USA & Cameroon
Med International	Israel & France
eHealth Services Pvt Ltd	Pakistan
Gujarat Cancer & Research Institute	India
Rotary Club Telemedicine Project	India
Nepal Wireless Networking Project by Mr. Mahabir Pun	Nepal
Institute of Preventive Cardiology Heart Care Centre	India
International Centre for Cardio and Vascular Diseases (A Unit of Frontier Lifeline Pvt Ltd)	India
Jinnah Medical College	Pakistan
Dr Jivraj Mehta Hospital	India
Health Seva Telemedicine Project	India
TMJ Hospital	Tanzania
NexSource International	USA

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Software Overview

The Software is a crucial component of any given telemedicine system.

Patient Utility

- ❖ Comprehensive electronic medical record
- ❖ Search patient with image storage and management
- ❖ Create / Edit / Print patients admin data

Documents

- ❖ Patient's demographical information and detailed medical history
- ❖ Images ❖ Patient's snapshots ❖ X-ray, CT Scan & MRI
- ❖ Sonography, endoscopy, angiography and pathology

Video

- ❖ Patient's video ❖ Intraoperative Video ❖ Sonography, endoscopy, angiography, pathology

Reports

- ❖ Covering letter ❖ Text Report
- ❖ X-ray, CT scan, MRI, ECG, Pathology Report etc.
- ❖ Prescription ❖ Hand written report ❖ HPI, Lab Report

Audio

- ❖ Audio Devices ❖ Electronic Stethoscope

Medical Documents

- ❖ 12 lead ECG ❖ PFT ❖ Blood pressure monitor
- ❖ Blood glucose monitor ❖ Pulse oximeter

Live Video Conferencing

- ❖ Patients eVisit ❖ Family Conference
- ❖ Physician - Physician Conference
- ❖ Group sessions ❖ Administrative patient interview

Live Image Conferencing interface with following Medical Equipments

- ❖ Sonography machine ❖ Endoscopy
- ❖ Electronic stethoscope ❖ Pathology microscope
- ❖ Intraoperative video

Data Communication

- ❖ Email ❖ Web ❖ Video Conferencing

Utility

- ❖ Address book ❖ Send / receive log
- ❖ Print document ❖ Image tools for annotation and manipulation (eg. Zoom) ❖ User manager

Products

FEATURES

Tele Doctor is comprised of all standard features of a robust and complete telemedicine system; additionally it has unique features that set it apart from any other tool.

✦ Unique Features

- ❖ User friendly, robust and stable telemedicine system
- ❖ Can be utilized as real time as well as store & forward
- ❖ Enables data & images to be digitized, compressed, transmitted, stored, retrieved and read with minimal loss of audio, video and image interpretation quality
- ❖ Integration with various medical equipments
- ❖ Plug-n-play support for medical devices with video output
- ❖ Tele Doctor is compatible with DICOM 3.0
- ❖ The unique technology to support fast transmission of patient's medical data

✦ Picture & Image Management

- ❖ Accepts pictures / images / video clips from many sources like scanner, video devices, digital camera, CD-ROM and medical equipments
- ❖ Supports high resolution, high color images
- ❖ Supports image annotation like zoom, flip, rotate, attach a note etc
- ❖ Pictures / images can be printed with any standard printer
- ❖ Supports medical industry standard for compression of medical images.
- ❖ Tele Doctor ensures that all documents are automatically stored in the correct folder

✦ Video Conferencing

- ❖ Industry standard H.320 / H. 323 compliant
- ❖ Video conference system is the integral part of Tele Doctor
- ❖ Provides motion video and live audio channel with high frame rate. Video as well as audio are synchronized to compensate any microsecond delays in transmission
- ❖ Transmission over ISDN, TCP / IP, Cable, DSL or other modalities
- ❖ Along with video conferencing, it is possible to send the latest patient data simultaneously
- ❖ Supports interactive whiteboard and text chat
- ❖ Live image conferencing can be done. For example live video of sonography can be viewed and interpreted by an expert doctor, while patient and sonography machine are at remote site

✦ Web Registration

Medisoft Telemedicine has a centralized web based data system for its Physician, Hospitals and other institution to use for registration purposes. This gives up-to date information.

✦ Saving & Retrieval of Reports

Tele Doctor can save and retrieve various report templates. For example the user can generate complete report of Chest X-ray by giving key word "X-ray Chest". User can edit that report. This reduces monotonous typing which results in faster work with high accuracy.

✦ Multiple Communication Media

- ❖ ISDN; Email; Internet; V-SAT etc

✦ Security in Tele Doctor

Security is an extremely important element in Tele Doctor. Patient's data is protected on our servers by highest possible encryption available. Besides that

- ❖ User access, user authentication and authorized users policies. Single sign-on protocols as well as HIPAA and other privacy and security policies implementation
- ❖ Implementation of physical firewalls, antivirus software and hacking and other protection measures at point of access
- ❖ Minimize transition time of your patient's data on our servers
- ❖ Patient consent to include information about your use of Tele Doctor

✦ Compression

Compression is a software technique by which certain pixels in the digitized image are dropped so that file size is reduced which ultimately decreases transmission time. Tele Doctor adopts lossless compression technique which results in medium compression, high quality.

✦ Customization

We understand the specific requirement of hospital and doctor. These shall be managed through our technical expertise. Interface with existing medical equipments can be done with in a short period of time.

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Telemedicine Consultation Center (The Site where Patient is present)



Computerised Documents



Electronic Medical Record



Digital Camera



Web Camera



Document Scanner



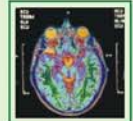
Angiogram



ECG Machine



Telemedicine System



Dicom Images



Pathology Microscope



Video Conferencing



Sonography Machine



Digital Stethoscope



MRI/CT Scan Machine



Hand Writer



Printer

Telemedicine Specialty Center (The site where expert doctor is present)



Printer



Telemedicine System



Video Conferencing



Hand Writer

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