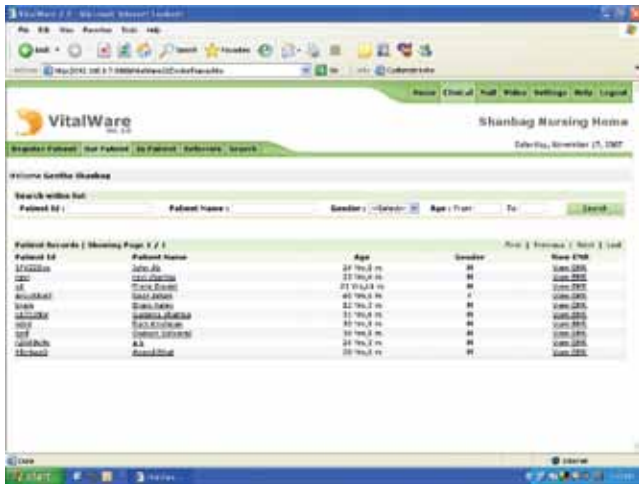




TELEVITAL 
ENHANCING THE QUALITY OF LIFE





VitalWare is a telemedicine software engine of Televital, which supports the real-time/store and forward raw and interpreted vital signs, medical images. All patient data is centrally stored and retrieved from a secure database server making the data available at any given time. VitalWare operates using a standard web-browser allowing for the transmission and receipt of medical data over hybrid IP networks.

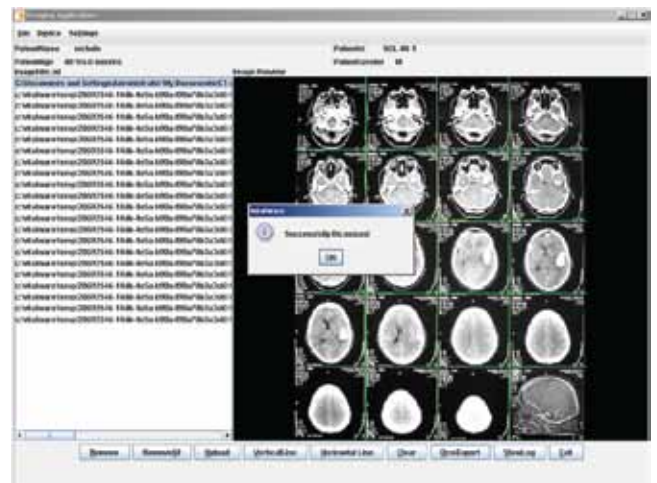
VitalWare is TeleVital's indigenous software engine. VitalWare operates using a standard web-browser allowing transmission and reception of medical data over hybrid IP networks like Internet, Intranet, Extranet etc.. using any network connection like LAN, WAN, dial-up, cable, ISDN, satellite, cellular etc..

VitalWare is designed with the future needs of healthcare industry in mind. VitalWare has user-friendly GUI application with icon-based interfaces. This software supports customization, integration, has greater content and rich data sources.

VitalWare

Salient features of VitalWare

- **Real Time Data Transfer:** VitalWare allows real-time and store-forward of patient data. Patient data is centrally stored and retrieved from a secure data base server.
- **EMR:** VitalWare has an Electronic Medical Record, which is built on International Standards namely HL7 and DICOM.
- **Real-time Physiological Monitoring:** VitalWare supports the real-time physiological monitoring, assessment, analysis, and viewing of raw and interpreted vital sign data from medical devices.
- **Remote Maintenance:** VitalWare is designed to be upgraded / maintained from a remote location. This assures reduced downtime and better usability.



- **Security:** VitalWare is highly secure with sufficient authentications at software as well as hardware level. No unauthorized access to patient records is allowed.
- **Administration:** VitalWare has a very good telemedicine management module, which helps in Management of remote nodes, specialist nodes, doctors and telemedicine transactions.
- **Audio/Video:** VitalWare has an Integrated Audio/ Video/ chat/ whiteboard solution using USB based web cameras. A log of all the video sessions with call duration and time is also available.
- **Medical Devices Support:** TeleVital solution is based on the ability to accommodate data from various medical devices into the Electronic Medical Record.

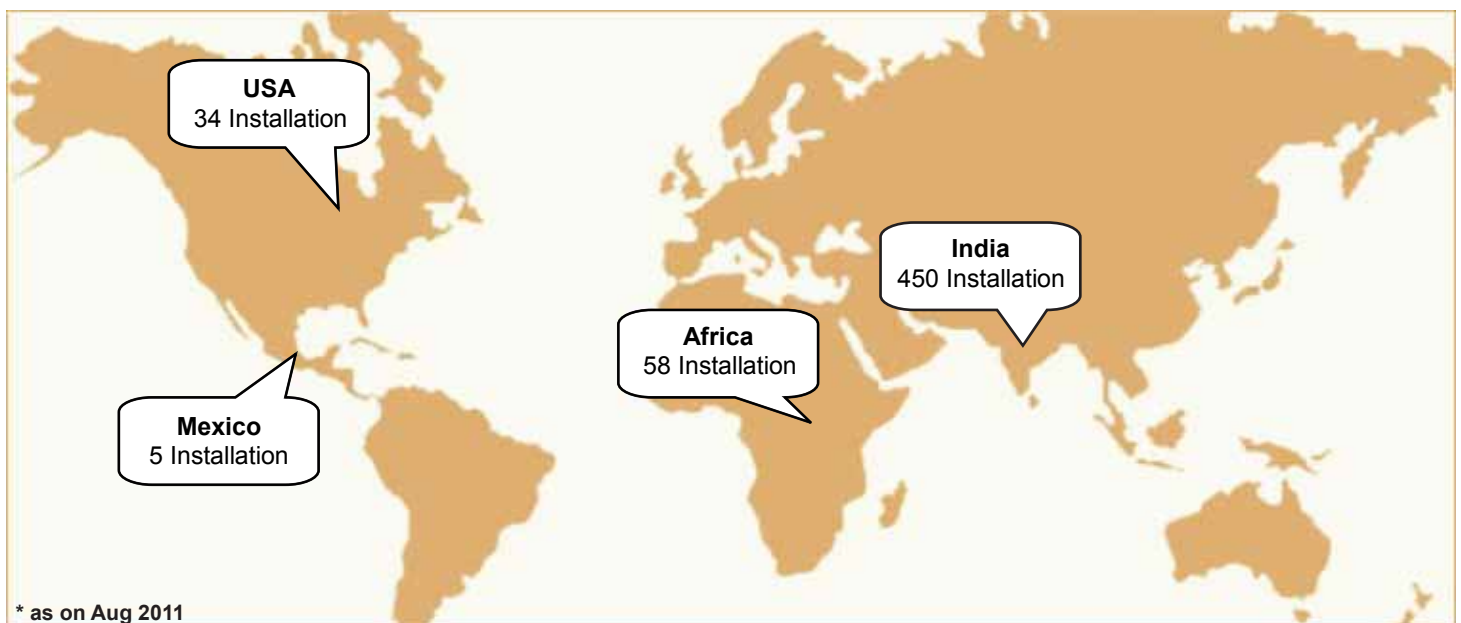
VitalWare

Key Benefits & Advantages

- Optimal usage of specialists' time with the inclusion of web-based video-conferencing features.
- Central storage and management of patients' medical data.
- Accessibility from any network/location.
- Possibility of customizations and upgradations.
- Exchange of patients' medical data among doctors, collaboration with medical specialists' for second opinion.
- Easy menu design and navigation.
- Messaging, chat and web-based videoconferencing facilities.
- Monitoring of chronically ill patients from the comfort of their homes.
- Installability in mobile medical vans and ambulances for primary pre-hospital care of patients.
- User-friendly software at medical screening programs conducted by major super-specialty hospitals in remote villages.
- Pre and post-operative care of patients located remotely by the use of real-time web-based tele-consultation features, enabling faster follow-up treatments.
- Technology-friendly software for use at corporate employee health management programs.
- Direct medical image capture/storage features.
- Availability of digital record of patients' medical/clinical data and images.
- Supports scalability by accommodating any number of hospitals/doctors within the network.

VitalWare

Installation base



1. Interfaces to clinical devices: VitalWare supports integration of various clinical devices like ECG machines, Spirometers, NIBP, Pulse Oximeters etc...
2. Supports standards compliant video-conferencing hardware & interfaces.
3. Supports standards compliant imaging devices and equipments.

Minimum server hardware configurations

X3200 M3, Intel Xeon X 3430 (Quad Core) 2.4 Ghz, 8 Mb cache, 1333 Mhz

- ☛ Two network controllers each with two port of 100/1000 base TX LAN interface.
- ☛ Board Pentium Processor, 400MHz FSB, 512KB on-chip Cache
- ☛ 10/100/1000 Mbps Server Class Ethernet Card with latest drivers
- ☛ 2GB DDR3-1333 2Rx8 LP RDIMM
- ☛ PCI Ultra 3 SCSI controller
- ☛ 250GB 7200 RPM 3.5" Simple-Swap SATA II
- ☛ Keyboard, mouse
- ☛ 3.5" Simple Swap DVD
- ☛ 1 serial, 1 Parallel, 2 USB ports
- ☛ 17 inches High resolution Color Monitor
- ☛ OS: Linux Red hat RHEL 3.0 and above

Minimum Client PC hardware configurations

| | | |
|----------|---|-------------------------|
| CPU | : | Intel Core2Duo |
| L2 Cache | : | 512 KB |
| FSB | : | 800 MHz |
| Memory | : | 2GB DDR3 |
| HDD | : | 320GB HDD |
| FDD | : | 1.44 MB |
| CDROM | : | 52X Internal CDWR/DVD |
| NIC | : | 10/100 On-board |
| PCI slot | : | 3 Slots |
| OS | : | Windows XP Professional |

Supports hybrid IP networks like Internet, Extranet, Intranet etc...using any network connection like LAN, WAN, Dial-up, cable, satellite, cellular, wireless etc...

