

Mercury™ Nimbus

C-DAC's Cloud-enabled EMR / EHR & Telemedicine Suite

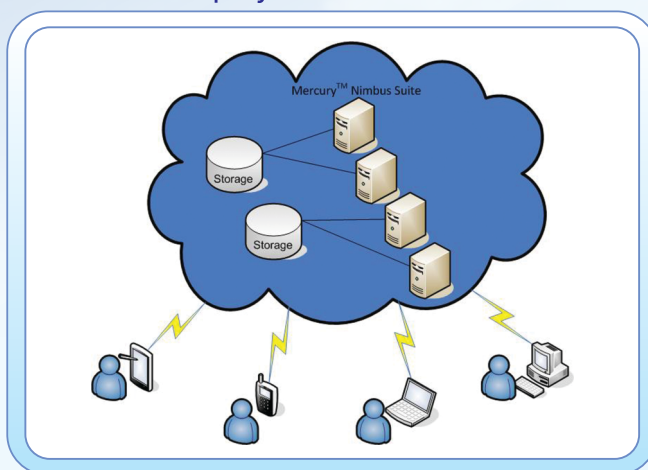
Advantages

- ▣ Reduces cost for local server, storage, administration, and maintenance
- ▣ Cloud-enablement is an environment friendlier option for green computing
- ▣ Deployable as all-in-one virtual instance or use cloud persistent model for database and storage
- ▣ Single deployment covers group of specialists and remote doctors / consultants to reduce cost of ownership
- ▣ Versatile interface to provide access to Cloud-enabled application anytime, anywhere using browser or handheld devices
- ▣ Comprehensive in-built EMR / EHR framework covers events / modalities spanning patient's lifetime
- ▣ Mercury™ for Android is specially developed native client application for use on android-based smart phones / tablets
- ▣ Cloud Repository Service uses cloud-based extensible storage for archiving medical data leaving your local disk free
- ▣ Patient data security makes data viewable only to authorized users. Internal data encryption possible
- ▣ Allows upload / download / view wide range of file formats such as images, audio, video and documents.
- ▣ Interfaces with large range of off-the-shelf devices like Document and Film Scanners, Still Cameras, Digital Microscopes, Video-sources (Camera, Endoscope, Ultrasound), Audio-sources (Stethoscope), DICOM & HL7 sources
- ▣ Comprehensive tool suite to manage user accounts, offline data flow, generate reports, monitor services, and archive / restore data
- ▣ Available on multiple platforms and databases (Windows / Linux & AzureSQL / MSSQL / PostgreSQL) combinations

Mercury™ Nimbus suite is a cloud-enabled comprehensive EMR / EHR and Telemedicine solution. Mercury™ Nimbus Suite includes four components / tools; Mercury™ on Cloud, Mercury™ Remote Module, Mercury™ for Android, and Mercury™ Cloud Repository; specially tailored to cloud / clustered infrastructure.

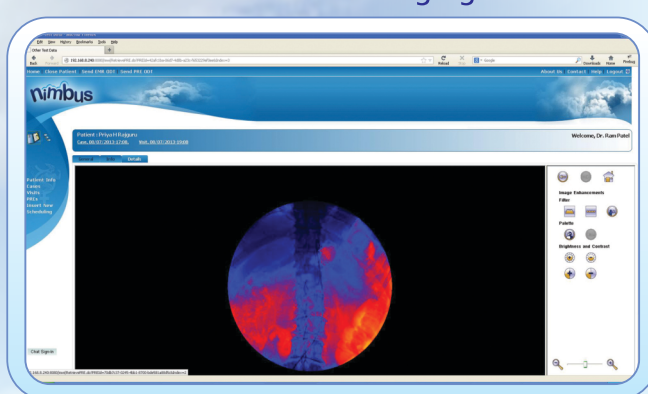
Mercury™ Nimbus can be used in telemedicine scenarios like patient to doctor, doctor with multiple clinics, groups of clinicians, clinicians with specialist end and HSP to HSP interaction.

Deployment Scenario



Patient Demographics View

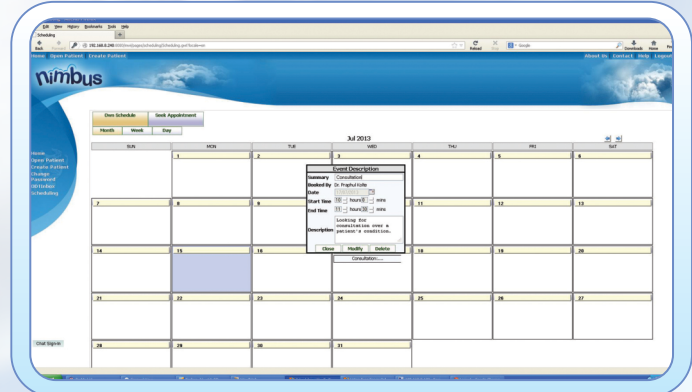
Browser "In Place" Imaging Tool



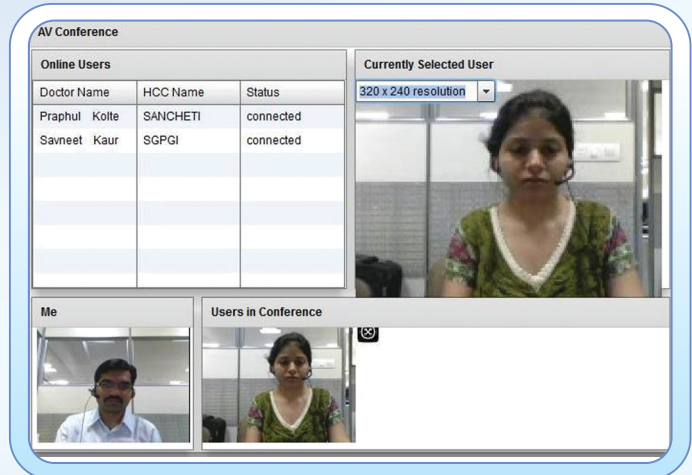
Salient Features

- Supports multiple deployment models spanning IaaS / PaaS / SaaS Infrastructure
- Immediately available on Windows® Azure cloud with other cloud services on-demand
- Integrated Backup, Administration & Configuration Tools
- User-friendly Web-based Graphical Interface with Multilingual support
- Supports "Always-Available" access mechanism over public / private cloud
- Robust security and communication mechanism based on standards
- Scalability options for load-balancing and clustering
- Browser "In-place" Image viewing and operations
- Role-based access control approach for authorized users to access features according to role.
- In-built browser-based Audio/video conferencing with Scratchpad and Chat software component
- Integrated calendaring module with iCal / CalDAV support
- Offline Data Transfer (ODT) with immediate and scheduled delivery
- Direct Data Capture Tool (DiDaCT) for device interfacing
- Support for Medical Informatics Standards (DICOM, HL7) and Codes (SNOMEDCT, ICD, CPT)
- Easy to install, configure, administer, monitor, and use

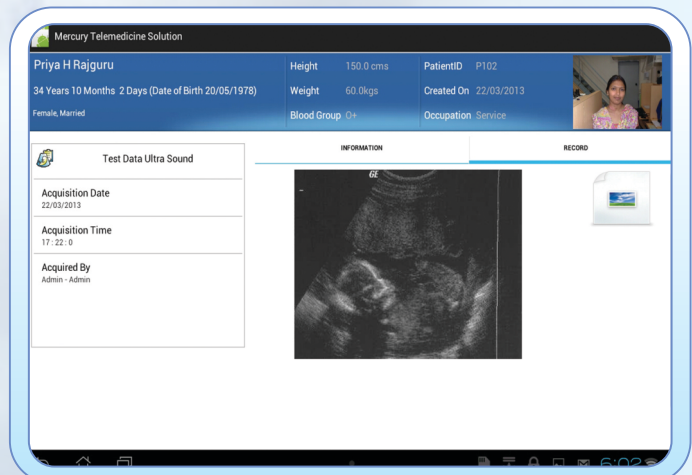
Calendaring View



Audio Video Conferencing



Mercury™ for Android



System Requirements

Server Machine: Windows / Linux x64 Server(s) on Cloud / Virtualization Infrastructure, Oracle Java 7, Apache Tomcat 7, AzureSQL / MSSQL / PostgreSQL, iCal Server, RTMP Media Server, Apache Web Server 2.2

Client Machine: Oracle Java 7, Java and Flash Player Plug-in for Web Browser, JMF 2.1.1e, Android 4.x Jelly Bean