

MILLENSYS Teleradiology Solution

Vision Tools Workspace

The All-in-One Web Based Viewing, Reporting and management solution for teleradiology enterprise

MILLENSYS teleradiology solution is a comprehensive solution that facilitates remote diagnosis from anywhere in the globe. Using web based/enabled state of the art technologies to distribute images and reports across large geographic area, thus enabling few radiologists to serve large number of hospitals and imaging centers.

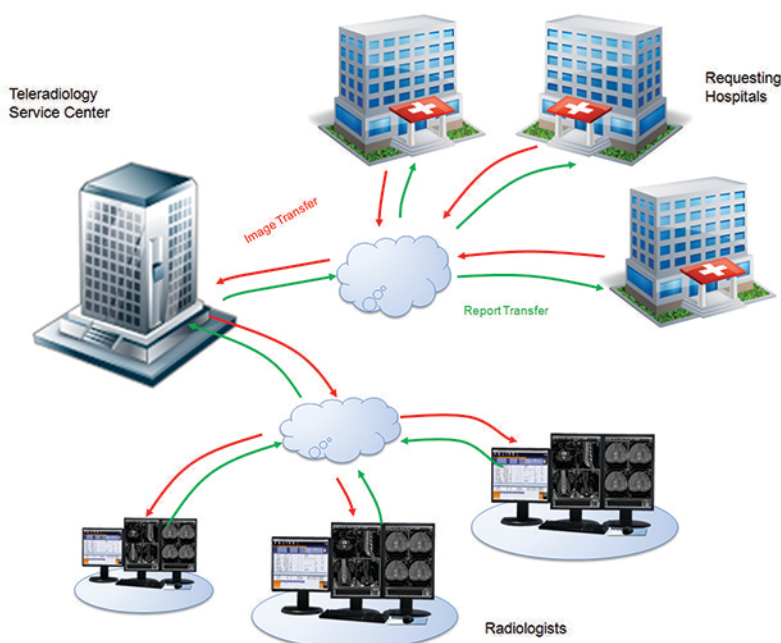
The solution is built with a state of the art HTML-5 to enable operation from any device with any operating system. It includes also a streaming with dispersion technology to speedup image transmission over low bandwidth lines and GSM networks.

The solution includes complete packages for archiving, data manipulation, image diagnosis, printing, reporting, study sharing and image / report distribution between users inside or outside the hospital.

The solution supports both push and pull concepts where the radiologists can download studies directly from the hospitals then diagnose and send the report back to the hospital, Or, hospitals can send the acquired studies to the remote diagnosis area to be reported later.

The solution is equipped with multiple managerial and billing features to insure quality of the provided service such as a round trip time calculation for sent images and reports delivered to ensure on-time delivery. Also , a Web based billing system to generate financial bills for service providers and hospitals.

FDA 510(K)
CE
IHE Connecathon



Single GUI for All users

Zero Foot Print Application

No installation on clients is needed

Internet Browser Independent

IE, Firefox, Chrome, Safari, Opera, ...etc.

Device Independent

PC, Tablets, iOS, Android, ...etc.

Available Models

Cloud Computing
Grid Computing
Client / Server



www.millensys.com

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General

Pure Web based application
State of the art HTML-5 Technology
Advanced Streaming technology
Single Node Web Administration
Easy Plug-n-Play Installation
Multiple Packages to support all needs
Zero Foot Print Application
No installation on clients is needed
Internet Browser Independent
IE, Firefox, Chrome, Safari, Opera, ...etc.
Device Independent
PC, Tablets, iOS, Android, ...etc.

Web Portals

Radiologist Portal to diagnose from anywhere
Referring Physician Portal
Patients Portal to access their studies
Mobile View portal to work on mobiles
Administrator Portal
Business Intelligence Portal for statistics

Archive

High availability Clustering technology
Multi-Level Archive
Integrated with HSM archives
Rule based study routing
Supports all modality types.
Rule based compression
Auto-Caching of large studies
Heart Beat Technology to insure reliability

Worklist Management

Truly Web Based Application
OS and browser independent
Single Login for PACS/RIS/Report
Customized user worklist
Fast search with predefined filters
Patient Jacket to view 360° History
Share images, clinical notes and reports
Consult second opinion on the web
Roaming user profile
Burn studies to CD/DVD from the web
Send Studies to CD/DVD publishers
Quality Assurance for study information
Share Messages and Alerts between users

Diagnosis and Advanced Visualization

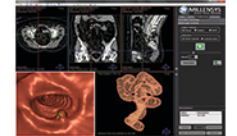
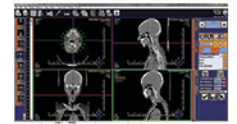
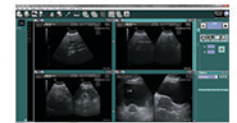
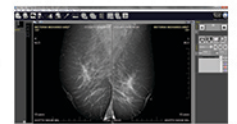
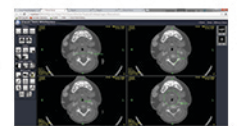
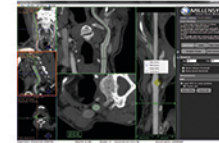
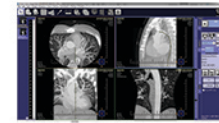
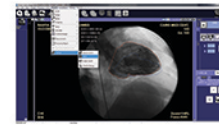
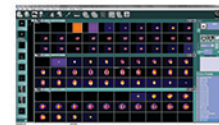
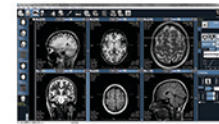
Zero foot print viewing application
Small foot Print Advanced viewer
Visual / Automatic Hanging Protocols
Study Comparison
Display static and dynamic studies
Multi-Study comparison
CT/MRI Slice Localizer / Pilot Image
CT/MRI Triangulation in 2D/3D
Enhanced CT / MRI support
Mammo Protocols with CAD overlay
NM / PET / Spect with reconstruction
CR/DR Image Stitching
Semi-automatic Spine Labeling
Printing on DICOM and A4 Printers
Radiology and Cardiology Measurements
Image processing filters with presets
MPR/MIP Orthogonal
Multi-Oblique MPR/MIP
Curved ,Cross Curved MPR/MIP
Spiral MPR and Fly-Through Navigation
Vessel Analysis
Calcium Scoring
Virtual Colonography
2D/3D PET/CT Fusion

Reporting with dictation

Pure Web Based Application
Advanced client based application
Multi-user roaming profile.
Send/Receive Reports via DICOM and HL7.
Multi-Level report verification.
Multi-modality report templates
Image Insertion in report.
Integrated with Microsoft Word.
Automatic Template Selection
Automatic Header ,Footer Construction
Integrated with Speech Recognition
Integrated with Speech Dictation Tool kits
Fully automated operation using integrated microphone to record, listen, pause, resume, rewind, forward and more.
Transcription integrated with foot pedal.

Management / Billing

Priority transmission of emergency studies
Adaptive queuing for small studies.
Hospital and Radiologist billing reports
Quality of service reports (Time of delivery).
Web based business intelligence module
Web based Administration
Supports RIS integration.
Sending reports by email or fax.



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