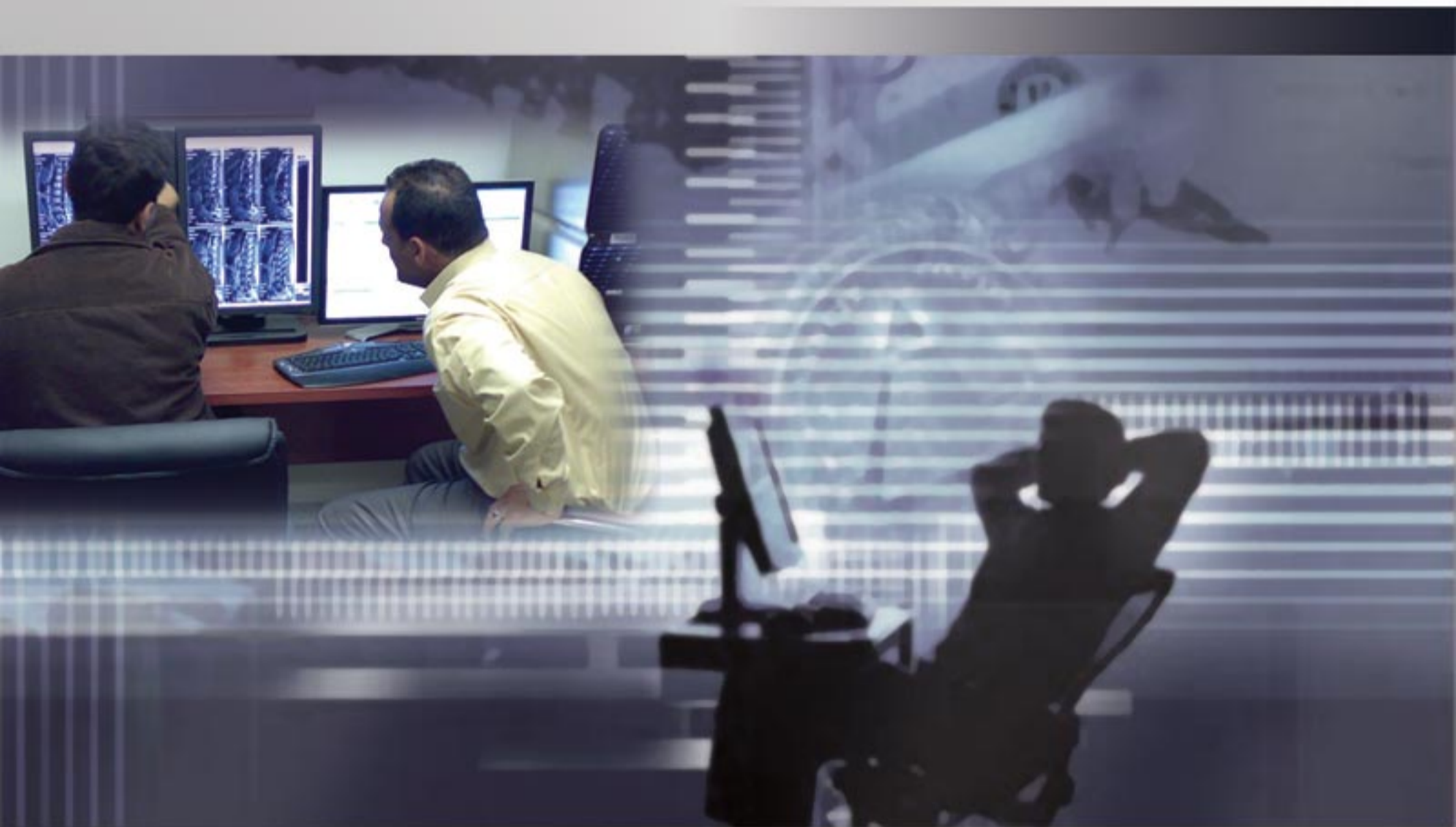


MillenSys
PACS/RIS

Seamless Integrated Imaging and Information Solution for Professionals



- ☑ FDA 510K
- ☑ CE 93/42/EEC
- ☑ ISO 13485:2003
- ☑ DICOM 3.0
- ☑ HL 7
- ☑ HIPAA
- ☑ IHE

MillenSys
MILLENNIUM SYSTEMS
Infinite Ideas

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Scheduling

Visual calendar style interface for easy and fast scheduling of patients needed for today highly demanding imaging business.

Rule based worklist distribution for all dicom and non-dicom modalities. Multi-lingual translation of patient names (e.g. English, French, Arabic) using learnable dictionary.



Billing / Inventory

Multiple payment method handling (e.g. cash, insurance, credit, etc..) and Multiple productivity reports for patients, physicians, radiologists, modality utilization, insurance companies balance sheets and inventory items.

Acquisition

Powerful dicom conversion workstations for all non-dicom modalities in radiology, cardiology, endoscopy and other imaging modalities.

Instead of old types dicom boxes, workstations are provided with multiple tools for patient data handling, image and cine loop grabbing, local archiving and processing tools to publish CDs and print on papers and films



Archiving

Powerful PACS server software and hardware components to handle today's large volume modalities such as multislice CT and digital mammography units. Rule based routing and compression methods of received images that helps balancing huge load of data. Web administration of both PACS and RIS to ease remote administration from anywhere on the network or internet



Processing

Generate multiple MPR and MIP views and save output to new series. Powerful 3D tools for bone removal, CT angiography, virtual colonography, coronary angiography and vessel segmentation.

4D display of multi-series dynamic studies with playback controls

Multiple annotations and measurement tools for radiology, cardiology and orthopedic studies.



Printing

Visual filming for fast printing of images on medical films and papers with drag and drop features and full processing capabilities in filming mode.



Diagnosis

Fast loading and caching for large volume studies to speed-up study display on multiple monitors.

Visual hanging protocols for ultimate and rapid diagnosis of large volume multislice CTs and MRI studies.

Easy study comparison on single and multi-monitors configurations.

Playback controls for static images, multi-frame studies and cine loops.

Generation of slice locator and pilot images for CT/MRI studies.



Reporting

Web-Enabled multi-lingual reporting ease report writing or dictation for enterprise and multi user imaging environment.

Multiple template reporting compatible with microsoft Word and built-in word processing enabling dragging images in reports with easy shortcuts.

User designed structured reporting templates for special type reporting like cardiology, mammography and endoscopy.

Voice dictation with microphone and foot pedal transcription kits for rapid reporting. Speech recognition is seamless integrated with the system.

Publishing

In filmless departments, the need for fast and reliable robot-based CD/DVD publishing solution increases. A solution with minimal user interaction is needed to produce CD/DVD media containing images and reports with automatic dicom viewer for both patients and physicians.



Web Distribution

Web distribution of different patient studies over the web to clinicians inside the hospital and referring physicians outside the hospital ease image and reports access from anywhere around the globe. Web Enabled Viewer to view dicom static and dynamic studies with reports with pre-configured image compression type for fast downloading of large studies over low-bandwidth communication lines.



Integration

Integration is the key to success in any software solution. Imaging departments need to receive scheduling and orders from the hospital reception and transmit reports back to be stored in the patient record. With transparent HL7 brokerless integration between PACS/RIS systems and HIS software. Convert the hospital to complete filmless-paperless organization. Integrating web viewers in HIS software help retrieving patient dicom images from the HIS.



Telemedicine

Communicating images and reports is highly demanded today and in future between urban areas and reporting facilities. MiPACS enables sending and receiving of images and reports for remote diagnosis and reporting.

Reliability

High system uptime comes from using a reliable software and hardware components and using a non-single point of failure servers and archive media such as clusters and SAN storage devices.



Security

Users of imaging departments need a single login access to all PACS, RIS, reporting and image viewing and processing modules of the system. Roaming profile is loaded on any workstation the user want to access. HIPAA security rules support automatic logging of system daily events to enable tracking of system behavior and prevent security holes.

Scalability

In the highly demanding imaging environment, investors want a solution that can grow and fulfill their growing business. PACS/RIS solution is a modular solution that can scale for small, medium and large enterprise imaging facilities.



Quality and Compatibility

MillenSys PACS/RIS solution is conforming with the needed medical quality regulations like FDA class I, FDA 510K and CE device directives 93/42/EEC. The solution is compatible with DICOM, HL7, HIPAA and IHE standards and rules.

MillenSys is an ISO 13485:2003 certified firm.

MillenSys

PACS/RIS

We care about your success



Installed in more than 25 countries around the world

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- CE 93/42/EEC
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