

## Company History & Overview

MillenSys was born from the vision of creating a new generation of advanced medical solutions. A generation that would empower and protect physicians' rights while providing enhanced care for patients.

MillenSys is an extension to the long lasting Millentech Systems that is dedicated to provide a state of the art technology solutions in the healthcare IT sector, and integrating multiple systems that help radiologists, cardiologists and clinicians run their daily business in a fast and professional way to be able to focus on serving patients more and as quickly as possible.

MillenSys Solutions are medically certified with the most important quality patient safety certificates like "ISO 13485:2003, CE-Mark and FDA" which are considered reliable international standards of excellence.

MillenSys is continuously improving and expanding its product line by introducing innovative ideas to complete its comprehensive product line for the medical imaging and IT market. Our Solutions range between PACS, RIS/CIS solutions, workstations for acquisition, non-dicom to dicom conversion, viewing, 3d reconstruction, diagnosis, reporting, web viewing, clinical applications and telemedicine.

# Company Profile

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## Company Vision

MillenSys Vision is to be a widely known as a global market leader in innovative, high quality and cost effective medical imaging and healthcare IT solutions in its targeted markets.

MillenSys will be highly committed to its customers and targeted markets by insuring the delivery of innovative solutions, cost effective and high quality integrated services through its high qualified and well trained staff.

MillenSys will work with its maximum efforts to present continuously updated information technology to better serve the patients health care services and the medical sector in its targeted markets.

## Company Mission

MillenSys mission is improving the quality of people's lives through timely introduction of high quality and cost effective integrated solutions in medical imaging and healthcare IT solutions insuring the maximum success to our partners and maximizing our profits for the benefits of our shareholders.

## Business Strategy

- Expanding our solutions to introduce a unique Clinical Information Systems including imaging and information for all clinics at hospitals and imaging centers.
- Developing brand awareness and acceptance for our product line around the globe.
- Maintaining a positive and strong growth each year.
- Achieving a stable market share increase with a market penetration strategy in some markets and Diversification in others.
- Continue to develop MillenSys image as the leader in innovative solutions provider in medical IT and beyond.
- Training client resources to include:
  - PACS Administrator training.
  - PACS data and workflow overview and discussions.
  - Development of client training resources.

# Company Profile

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- Support for:
  - Client staff development.
  - Issue resolution.
  - Acceptance Test planning and execution.
  - PACS acceptance by radiologists and key users.
  - Enterprise rollout of PACS functionality.
  - Planning and execution of software upgrades.
  - Project management tools and methodologies.
  - PACS and / or Radiology-related technologies.
  - Radiology workflow (radiologist, technologist, PACS Support).
  - Enterprise and departmental software implementations.



## Company Values

- **Customer Focus** means we have a passion for understanding and exceeding our customers' expectations. Acting with integrity, we strive to be their indispensable partner.
- **Valuing Our People** means we put the highest priority on recruiting, developing and retaining outstanding people. We recognize and reward achievement and empower staff at all levels to maximize their potential and contribution within a work environment based on respect and open and honest communication.
- **Innovation** means we welcome and drive change. In challenging the status quo, we encourage our people to be entrepreneurial and to learn from mistakes. We constantly look for new ideas and value 'out-of-the-box' thinking.
- **Passion for Winning** means we are determined to be the best in order to outperform our competition. We focus on being a high energy, fast moving, decisive organization that executes and delivers well and sets aggressive goals. We hold ourselves accountable for outstanding results.
- **No Boundary** means we embrace the global nature of our business and encourage people to work collaboratively across business units, hierarchy, functions and geography. We seek to break down barriers between organizations and encourage our people to support one another, and develop positive partnerships with customers and suppliers.

## Targeted Market

MillenSys is focusing on providing solutions for medium scale market including clinics, medical imaging scan centers, radiology and cardiology departments, hospitals, medicine institutes and universities.

The needs to reduce basic and running cost in the medical field and increase quality and durability of the machines requires moving to the digital imaging and information field. Keeping records for patients is very annoying, very expensive and time consuming. So, implementing electronic patient record is the solution to all the problems of archiving and retrieving patients inside any medical imaging of information department.

There are many benefits for moving to the digital imaging and information system:

- Centralizing patient records.
- Ease viewing and diagnosis of patients.
- Ease archiving and retrieving of patient images and information.
- Facilitating communication between sections inside the department or the hospital.
- Reducing the archiving costs for patient records and films.
- Higher quality image printing [Grayscale on film or color on papers] from old analog systems.
- More patient image processing is available.
- Integrating all the work cycle to shorten the time of patient management in the hospital.

## Products and Services

MillenSys is a leader medical imaging solution provider in Egypt and the Middle East. We provide digital imaging solutions [PACS] to about all types of medical imaging modalities used in the field of radiology and cardiology [Ultrasound, Endoscopy, C-ARM, X-ray, CT, MRI, NM, CathLab, etc.]. Our Radiology Information System [RIS] completes the workflow inside the radiology department and provides great advantages combined with our PACS system.

- Our ultrasounds and Endoscopy solutions are very powerful, cost effective, heavy duty and have easy operation such as archiving, processing and printing solutions for these machines.
- Our CathView/OPERA system for CathLab/X-ray and C-ARM machines which provides a complete digital station, archiving DICOM3.0 CD-R unit and backup for the whole digital cine processing unit of the machine.
- Our MultiView workstation for multi-modality viewing is very powerful and full of features for image processing including MPR/3D reconstruction for CT and MRI images.
- Our dicom solutions to convert non-dicom machines to dicom are gaining more market share every day due to their easiness and high performance.
- Our stand-alone workstations for all types of medical imaging modalities are the best local solutions in the Middle East market due to their high performance and cost effectiveness.
- Our Web based RIS solution for the radiology department is innovative, easy to use and very important to automate and manage the workflow inside the department.
- All our acquisition stations can be controlled remotely by a wireless remote control to facilitate the main functions.
- All our products are compatible with the most updated medical standards such as DICOM, HL7, IHE, HIPAA and all our imaging solutions are conforming to European standards for medical devices "CE-mark".

Here is a brief description of our products:

Product	Description
<b>Medical Imaging Products</b>	
<b>Vision Tools</b>	Complete Family of products for medical image management.
<b>Vision Tools Sono</b> For Black/White Ultrasound machines	Designed to be a cost effective system for B/W ultrasound machines used in Obstetric and Gynecology. With the Sono System, the doctor can make pregnancy follow-ups very easy; he just chooses the patient name and all the saved images and reports will be shown.
<b>Vision Tools SonoPro</b> For Color Doppler and Echo Ultrasound machines	Designed to be very powerful for acquiring [more than 250,000 images], viewing and processing color US images and complete Cine loops. Superior quality multi format color image printing on glossy papers [up to 16 images per page]. Reporting tool to view and edit patient reports with automatic reporting tool.
<b>Vision Tools Endo</b> For Endoscopy, laparoscopy, arthroscopy, ..., Machines	Powerful system to acquire, view and process Endoscopy images and long cine loops. Write patient report in automatic way. Superior quality image printing on glossy papers [up to 24 images per page]. Archiving patients on CD-R.
<b>Vision Tools Opera</b> For X-ray and C-ARM Machines	Complete digital station that can do digital image and cine loop acquisition directly from the C-ARM machine (whether it is an analog or a digital one), cine playback, frame forwarding, rewinding, pausing, All of this using an infrared remote control unit [wireless].
<b>Vision Tools Opera Pro</b> For X-ray and Angiography Machines	OperaPro station can convert the non-dicom X-ray into a dicom one providing huge amount of functions and facilities for image information, archiving and processing. The OperaPro system can do online and offline DSA "Digital Subtraction Angiography" and Road Mapping. The study can be archived on a DICOM 3.0 CD-R media with just one button click.
<b>Vision Tools CTview</b> For CT Machines	Ideal workstation for CT machines to acquire, view and process CT images and report. Vision Tools CTview system can print CT images direct to any DICOM printer. This is a major effective function of CTview that any non-dicom CT machine could print CT films on newer dicom printers [wet/dry] or 3M Protocol legacy imagers.
<b>Vision Tools MRview</b>	Ideal workstation for MRI machines to acquire, view and process MRI images and report whether it's DICOM or Non-Dicom. Print

# Company Profile



For MRI Machines	images directly to any dicom printer [wet/dry] or 3M Protocol legacy imagers.
<b>Vision Tools CathView</b> For CathLab machines	Powerful and complete digital cine processing station that can do digital image and cine loop acquisition directly from the CathLab machine (whether it is an analog or a digital one), cine playback, frame forwarding, rewinding, pausing, all this using an infrared remote control unit [wireless]. All patient study can be archived on a DICOM 3.0 CD-R media with just one button click.
<b>Vision Tools 3Dview</b> <b>Added to any Vision Tools Products.</b>	3D volume reconstruction for Ultrasound, CT, MRI images. Added on any of the vision tools workstations to provide 3D volume render and provide functions for adjustment and processing in 3D. Recently Virtual Endoscopy feature has been added.
<b>Vision Tools WebView</b>	Vision Tools WebView is a web enabled viewer suitable for PACS environment to View Dicom CD-R from all modalities with view, save, print, process, DICOM, AVI Export, CD-ROM Auto load and print from CD-R to medical films and more....
<b>Vision Tools GView</b> <b>For NM Machines</b>	Acquire, view and process NM images and patient reports. Print color NM images with superior quality on glossy papers.
<b>Vision Tools RadView</b> <b>For CR Machines</b>	Vision Tools Radview is a very powerful and scalable acquisition and viewing station for CR/DR machines. Vision Tools Radview is provided with the Visual Filming feature which let the user make an impressive looking film in just few seconds.

<p><b>Vision Tools MultiView For multi Machines</b></p>	<p>The Vision Tools MultiView system is a complete digital station that can handle up to four different machines at the same time. Very cost effective in that one MultiView station can be a complete medical imaging network by itself. It also supports medical monitors.</p>
<p><b>Teleradiology Option Added to any Vision Tools Products.</b></p>	<p>Teleradiology Option can be included with any of Vision Tools family products. With the Teleradiology option vision tools system is capable of sending and receiving patient data, images, voice memos, reports, cine loops, ... via telephone lines [on the internet or by direct call between the two stations].</p>
<p><b>MillenSys DICOM Viewer (MiViewer) View Dicom CD-R from all modalities</b></p>	<p>DICOM Viewer to View Dicom CD-R from all modalities with view, save, print, process, DICOM, AVI Export, CD-ROM Auto load and print from CD-R to medical films and more....</p>
<p><b>MillenSys CD/DVD Publisher</b></p>	<p>Medical CD/DVD publisher with robot arm CD/DVD burner hardware and dicom server software to receive images from PACS or dicom modalities and print them to CD/DVD with auto CD/DVD label printout.</p>
<p><b>MillenSys PACS Solution (MiPACS) PACS System</b></p>	<p>Cost effective and scalable Picture Archiving and Communication System for archiving medical images, patient data and reports. MillenSys PACS is based on Vision Tools family of products.</p>

# Company Profile



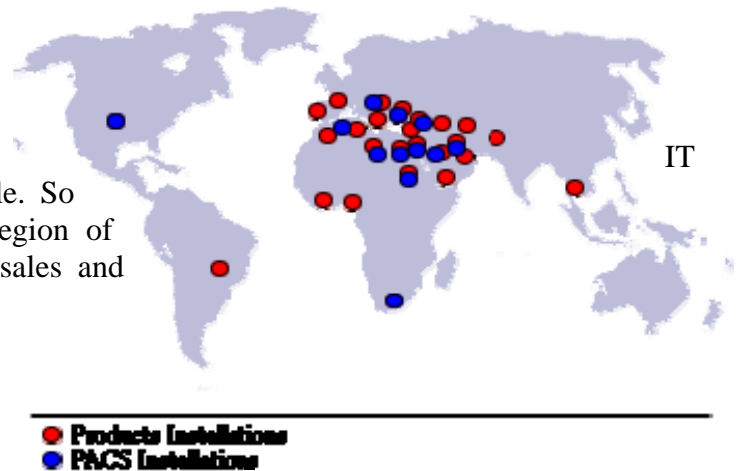
<b>Keni2Dicom Print Gateway</b>	Printing Gateway from Toshiba MRI or NM to Dicom Printers over ACR/NEMA 2.0 network.
<b>MiXLink Gateway</b>	Accepts ACR/NEMA 1.0 or 2.0 inputs from TOSHIBA X-series CT scanners and non-DICOM MRI machines and convert the images to dicom.
<b>MiTOS Gateway</b>	Accepts ACR/NEMA 1.0 or 2.0 inputs from TOSHIBA A-series CT scanners and convert the images to dicom.
<b>Medical Information</b>	
<b>MiRIS</b> Radiology Information System	MiRIS is an easy to use and powerful radiology information system that suits the radiology and cardiology departments in any hospital or imaging center. MiRIS archives patient information and reports. MiRIS performs all issues related to patients billing, accounting and inventory management. MiRIS is powered with MillenSys Dictation System, which helps writing reports in a very easy and integrated way.
<b>MiReport</b> Medical Reporting Software	Reporting Tool Dedicated to medical reporting with three different reporting methods, template based reporting, structured based reporting and precompiled based reporting (SR Dicom). This tool can be added to any product and can be stand alone.

## Business Partners

MillenSys has set-up good business relations with a number of international companies in the field of medical imaging equipments in the Middle East to provide third party solutions and added value products to these companies to be sold by them as an integrated solution. Now we have taken the agency of two more giant companies in their fields.

## MillenSys Worldwide

MillenSys believes that the field of medical solutions is larger than one company to handle. So MillenSys has set up agencies all over the region of MillenSys market to provide direct customer sales and good on-site support.



## Inside MillenSys

**R&D Department:** Is responsible for the development of MillenSys software products and presenting the technical specifications of all the products [software and hardware].

**Service Department:** Handles all service and support issues including product assembly, testing, installation, application and after sale support.

**Sales and Marketing Department:** Handles all sales issues inside Egypt including price offers, customer visits and customer technical awareness of MillenSys products, products' comparisons, contract negotiation and agreement.

**Purchasing and Accounting Department:** Is responsible for all purchasing and accounting issues to facilitate the procurement of all necessary quality products and services for the company.

**International Marketing:** Handles all marketing and sales issues outside Egypt including MillenSys web site design, maintenance and all international offers.

**Business Development Department:** Is responsible for improving business prospects and adding value to the company via enhancing its competitive advantage.

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