



# MILLENSYS Profile



Health Care and Business IT Solutions



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**MILLENSYS** 





#### **Company History & Overview**

MILLENSYS is dedicated to provide a state of the art technological solutions in the Business and health care IT sector, integrating multiple systems that help multiple organizations, business owners and health care professionals to run their daily business in a fast, safe and professional way to be able to achieve growth, satisfy their customers and increase their profits.

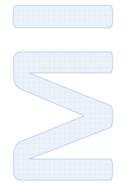
MILLENSYS Healthcare software solutions range between PACS, RIS/CIS solutions, workstations for acquisition, non-dicom to dicom conversion, viewing, 3d reconstruction, diagnosis, reporting, web viewing, clinical applications and enterprise telemedicine solutions.

MILLENSYS Business software solutions range between ERP, CRM and Financial management applications the include sales force / quote management , customer support management , centralized contacts management , marketing communication and campaign management , accounting and inventory management and human resources management.

MILLENSYS highly available OEM solutions now serve multiple imaging solutions vendors ranging from CT/MRI, X-ray and CR/DR, ultrasound and optical imaging vendors through dedicated modality workstations and solutions. Also MILLENSYS RIS/Report Solution is an ideal localized solution for multiple PACS vendors in MEA region.

MILLENSYS Web-Based PACS and Tele-Radiology solution is a state of the Art solutions based on the most recent web/networking technologies like streaming, dispersion, cashing with push and pull technologies to enable users to work smoothly from anywhere around the globe.

In order to complete the total solution provider concept, MILLENSYS portfolio is extended to include medical equipments and accessories aiming to complete the digitization process of the imaging department in hospitals and imaging centers, these products includes computed radiography CR , Flat Panel detectors FPD and medical accessories e.g. medical monitors, CD/DVD publishers , Film Digitizers and more.



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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.
- Support for:
  - Client staff development.
  - Issue resolution.
  - Acceptance Test planning and execution.

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- 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.

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## 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.

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- 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 healthcare products:

Product	Description
	Medical Imaging Products
Vision Tools	Complete Family of products for medical image management.
Vision Tools Workspace Web PACS and Reporting Solution	Vision Tools Workspace is a "state of the art" all-in-one solution for all users in the healthcare sector. it is a powerful web based PACS and reporting solution for cloud, web, in-door and enterprise environment. using a state of the art HTML-5 and streaming technology to speedup image transmission over low bandwidth lines. 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.
Vision Tools MultiView For multi Machines	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.
Vision Tools 3Dview Added to any Vision Tools Products.	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.
Vision Tools Sono 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.
Vision Tools SonoPro 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.
Vision Tools Endo 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.
Vision Tools Opera Pro For X-ray and Angiography	OperaPro station can convert the non-dicom X-ray into a dicom

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Machines	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.
Vision Tools CTview	Ideal workstation for CT machines to acquire, view and process CT
For CT Machines	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.
Vision Tools MRview	Ideal workstation for MRI machines to acquire, view and process
For MRI Machines	MRI images and report whether it's DICOM or Non-Dicom. Print
	images directly to any dicom printer [wet/dry] or 3M Protocol
	legacy imagers.
Vision Tools CathView	Powerful and complete digital cine processing station that can do
For CathLab machines	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.
Vision Tools WebView	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
Vision Tools GView	Acquire, view and process NM images and patient reports. Print
For NM Machines	color NM images with superior quality on glossy papers.
Tor Will Wachines	color WW Images with superior quality on glossy papers.
Vision Tools RadView	Vision Tools Radview is a very powerful and scalable acquisition
For CR Machines	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.
Teleradiology Option	Teleradiology Option can be included with any of Vision Tools
Added to any Vision Tools	family products. With the Teleradiology option vision tools system
Products.	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].

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MILLENSYS DICOM Viewer (MiViewer) View Dicom CD-R from all modalities MILLENSYS CD/DVD	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  Medical CD/DVD publisher with robot arm CD/DVD burner
Publisher	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.
MILLENSYS PACS Solution (MiPACS) PACS System	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.
Keni2Dicom Print Gateway	Printing Gateway from Toshiba MRI or NM to Dicom Printers over ACR/NEMA 2.0 network.
MiXLink Gateway	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.
MiTOS Gateway	Accepts ACR/NEMA 1.0 or 2.0 inputs from TOSHIBA A-series CT scanners and convert the images to dicom.
	Medical Information
MiClinic Clinical Information System	MiClinic is an easy to use and powerful practice management system and EMR, that suits any hospital or medical practice. MiClinic archives patient information and reports. MiClinic handles all patients billing, accounting and inventory management.
MiRIS 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.
MiReport  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.

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**Business Management software solutions** 

Product	
MiERP	MILLENSYS ERP , MiERP , is a web based modular software solution
Web based ERP solution	for enterprise business management and automation of customer related processes in any business that allows variety of companies
	of all sizes to manage their entire business organizations and daily
	operations, including financials, supply chain, procurement, human
	resources, sales and marketing , customer support ,etc.
MiCRM	MiCRM, from MILLENSYS, is a Web based modular CRM solution
Web based CRM solution	for enterprise business management and automation of customer
	related processes in any business over Internet , intranet and cloud.
MiERP   Financials	With MILLENSYS Financials, you can mind your customers and your
Web based Financial	budget at the same time with a comprehensive web-based
Management solution	enterprise management of your financial operation from anywhere
	and at anytime you can access your data, it doesn't matter if you are using a PC, notebook, tablet, iPAD or any smart phone.



#### **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, Mediterranean countries and Africa 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 IT 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.



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## 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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