MiClinic RIS



MILLENSYS Radiology Information System

MiClinic | RIS, Radiology Information System, Introduction





- Smart Scheduling.
- Order Management (ADT).
- Patient Tracking and Work list Management.
- Billing and Accounting Management.
- Insurance / Claim Management.
- Materials Management.
- Inventory / Supply chain Management.
- Medical Reporting Management.

- Radiographer interface module
- Direct Referral Orders without HIS
- Document Scanning/ attachments.
- Internal messaging system between users.
- Support Bar coding.
- Modality Worklist Distribution
- HL7 Integration with 3rd party HIS and PACS
- Logging and Auditing for almost all transactions.
- Multi-lingual / Enterprise (multi-Branches)
- Integrated Business Intelligence Module

MiClinic | RIS, Radiology Information System



Why MiClinic | RIS is the best choice?

- It has proven record of history and installation base in multiple countries
- It is Web based and Multi-lingual support
- It has a single node web administrator
- It provides a total solution for the site (CRM , RIS , billing , Claims , BI)
- It Supports both centralized and decentralized environments
- It has a seamless Integration with MILLENSYS VNA / PACS (Single Database)
- It can integrate with any other PACS using HL7 standards.
- In a hospital, it can work without HIS (accept direct order from referrals)



MiClinic | RIS, (Components / Workflow)

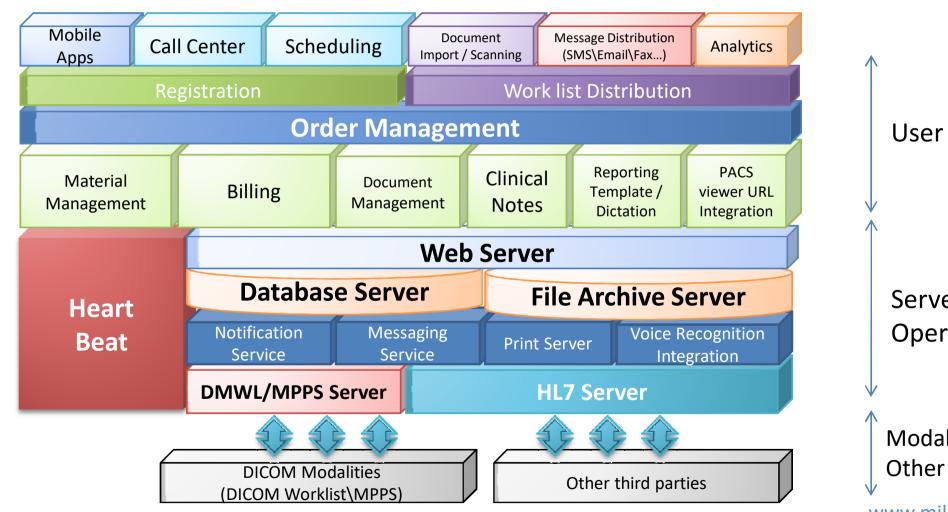
Referring	Orders		Hospital
Reception Area	Appointment Schedule		
	Patient Registration		
Scanning Area	DICOM Modality Worklist Distribution		
	Radiographer Interface		Radiology
Reporting Area	Radiology Reporting		
	Report / Results Distribution		
Reception	Patient's Results Delivery		
Accounting	Billing / Claims Management		Admin
Inventory	Inventory / Supply chain Management		
IT	Administration		IT

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MiClinic | RIS Architecture

MiClinic | RIS Architecture





User GUI

Server Side Operation

Modality-Other Systems

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MiClinic | RIS, Radiology Info. Sys. (Components / Workflow)





Modules

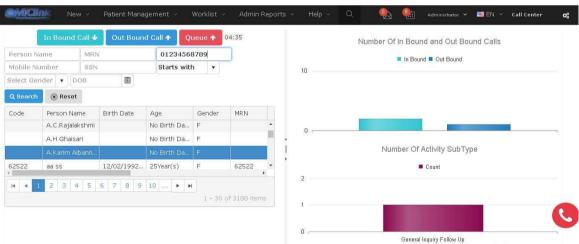
MiClinic | RIS, (Call Centre)



General Features

- Supports Inbound and Outbound calls
- •List of activities include: Service Scheduling, enquiries (service price, information, branch location...), results checking, delivery request, complaints...
- •Select the activities which will be available for inbound outbound calls and add them to the inbound screen
- Calculate Call duration
- •result status of the call and comment.
- •Seamless Integration with Millensys Mobile application





MiClinic | RIS, (Scheduling)



General Features

- •Single Click appointments scheduling.
- •Different customizable calendar views of patient appointments
- •Calendar shows different exam rooms or Physician names .
- Change appointment status

(e.g. scheduled, confirmed, arrived, delivered, ...etc.)

Advanced Features

- Mobile App Engagement .
- •Call center Scheduling.
- •Scheduling as "Pending" (e.g. Waiting-list).
- •Automatic scheduling of exams based on time availability of physicians.
- Alerting on VIP patient , ..etc.
- •Lock scheduling for a certain time (e.g. modality maintenance time)
- •Schedule patient to other branches.
- One encounter for the patient visit



MiClinic | RIS, (Admittance / Order Management)

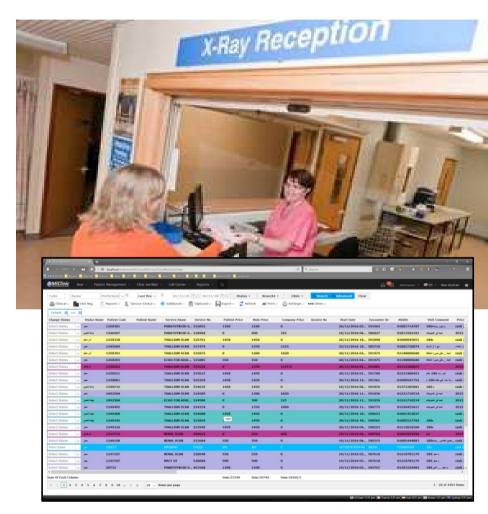


General Features

- Single screen view of all order details
- Customizable mandatory data for order processing
- •Extensive payment/billing features.
- •Automatic insertion of necessary consumables and additional services with the procedure
- •Supports Multi-Branch operation
- •Generate payment receipt / bill for the patient

Advanced Features

- •Supports multi-Visits procedures
- •Visual Alerts for order data (e.g. procedure, insurance, Physician comments, needed additional services, ...etc.
- •External document scanning / attachments (e.g. old report, prescription, lab result, ...etc.)
- •Supports scheduling based on physicians availability time.

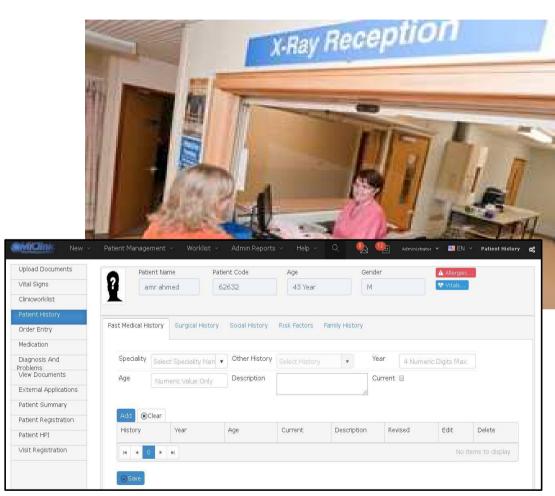


MiClinic | RIS, (Admittance / Order Management)



Information Gathered

- Demographics
- Medical history
- Medication and allergies
- Patient Documents
- Laboratory test results
- Radiology images / reports
- Personal stats like age and weight
- •Insurance / Billing information



MiClinic | RIS, (Admittance / Order Management)



Payments Features

- •Supports installments, payment discounts, ..etc.
- •Supports cash, insurance, check, visa, ...etc. payments.
- Payment using different types of visa for the same job order
- •Generate a different accounting reports for the cash, check and visa payments.
- •Link the exam with all additional services without adding it as new procedure (e.g. report and CD/ film delivery)
- •Link the referring physician with a percentage of the procedure to produce a report for the referring physician financial dues.
- •Ability to change manually the percentage of the patient payment if the insurance gives this ability .





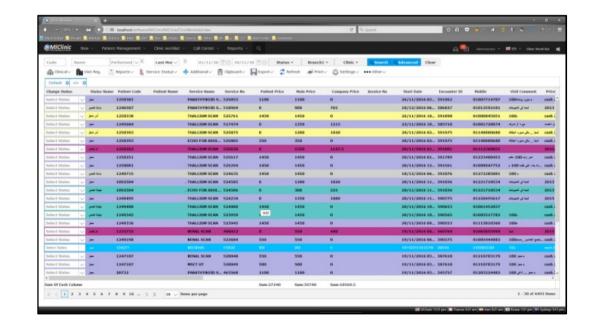


MiClinic | RIS, Radiology Info. Sys., (Patient Tracking and Work list

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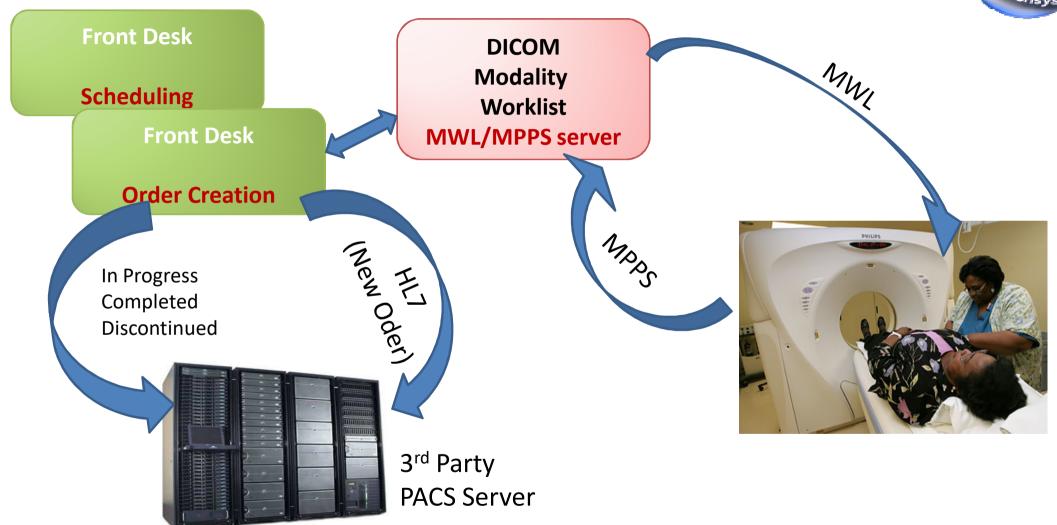


- User configurable work list layout
- •Display of waiting-list patients (e.g. status waiting).
- •Display procedures ordered from referrals (e.g. hospital clinics)
- •Changing procedure status with single mouse click.
- •Colored coded display of exams based on exam status and priority.
- Search patients by status of reporting
 (e.g. partial, verified, ...etc.)
- Patient x-ray dose tracking



MiClinic | RIS, (Modality Worklist Distribution | HL7 Integration)





MiClinic | RIS, (Radiographer Interface)



General Features

- •Attach clinical notes to the performed procedure.
- •All-in-One view patient history (clinical and financial).
- Easy Start/End exam
- •Automatically withdraw the consumables from the sub inventory after examination (e.g. End Exam).
- •Reason must be given in case of cancel or not complete procedure.

Dealing with Non-DICOM modalities

•Quality Control for non-DICOM Worklist modalities (e.g. Merge different patient IDs with the ability to save the old ID to search with).

MiClinic | RIS, (Radiographer Interface | non-DICOM)



Workflow Management Manual

Radiographer Desk
Start Exam
Document Scanning



Scanned Doc. DICOM Image

Update Status HL7

Technician Desk

End Exam

Clinical Notes

Clinical Notes



PACS Server

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MiClinic | RIS, Radiology Info. Sys., (Components Connectivity)

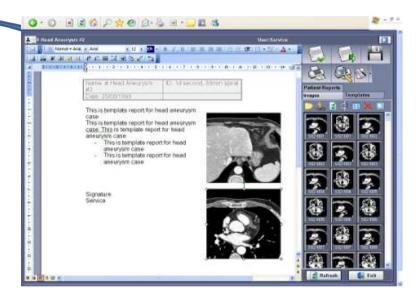


Reporting Phase

PACS Driven



Start Reporting



PACS Workstation



Report Message HL7

PACS Server

MiClinic | RIS, Radiology Info. Sys., (Billing)



Major Features

- Different price list according to (year, insurance or cash)
- •Multiple payment methods (cash, visa, check, insurance)
- •Standard consumables can be bind with procedures

Statistical Reports Samples

- •Working shift closing report.
- •General Income Report (daily, monthly, ..etc.).
- •Insurance Company Claims report.
- •Debtor Patients report.
- •Discounts Report.
- •Referring physicians sent cases.
- •Performing physician's contribution.
- •User contribution reports.
- •Patient total service time report (e.g. time taken of each service done for the patient).
- Overtime working users report.
- Multiple statistical analysis charts.
- •Customizable user defined financial reports.









MiClinic | RIS, (Material Management)



Major Features

- •Management of supply chain accounts (e.g. Suppliers)
- •Supports FIFO, LIFO, Average and Manual withdrawal.
- •Items pre-expiration Alarming.
- •Support multiple inventory structures (e.g. Main, Sub)
- •Automatic withdrawal of consumables from inventory when finishing examination.
- •Identifying unit and total cost/sales price of each item
- •Multiple statistical analysis charts.
- •Customizable user defined financial reports.

Statistical Reports Samples

- •Suppliers and item prices, ...etc.
- Stocktaking
- •Request limit
- •Item Pin card
- Inventory returns
- Consumption report

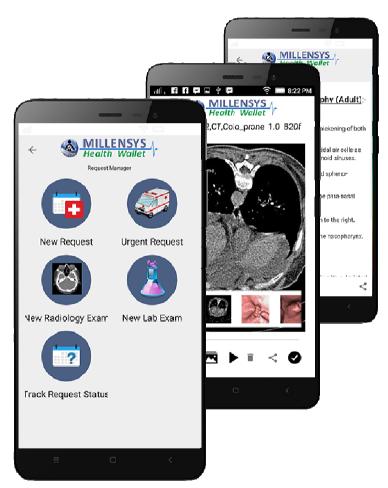


MiClinic | RIS , (Mobile Application)



General Features

- •Supports IOS, Android Mobile phones
- •View Patient clinical data, prescriptions, radiology, lab results...
- •Online request for scheduling a visit which will be added automatically to the call center queue.
- •Review the previous visits , results and have the ability to download them.
- •Integrated with Millensys Workspace PACS system from which the user can view and download their radiology images and reports.



MiClinic | RIS, (MiAnalytics)



Major Features

- Fully Web Based business Intelligent software
- •Work with data Source (can be integrated with any software)
- Create Dash Board
- Create Visual Analysis
- •Work with any Device (PC, Tablet, IPAD, smart phone ...)
- Design database queries with external variables
- •Design multiple Widgets and attach them with query with many styles (graphs, grids, reports, ..etc).
- •Design multiple screen layouts to suite your dashboard.
- •Generate complex dashboards screens containing multiple widgets.
- Print boards with multiple layouts.
- Manage all your boards from one place





MiClinic RIS

MILLENSYS Radiology Information System



Thank You