

# MiClinic | LIS



MILLENSYS Laboratory Information System

[www.millensys.com](http://www.millensys.com)



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

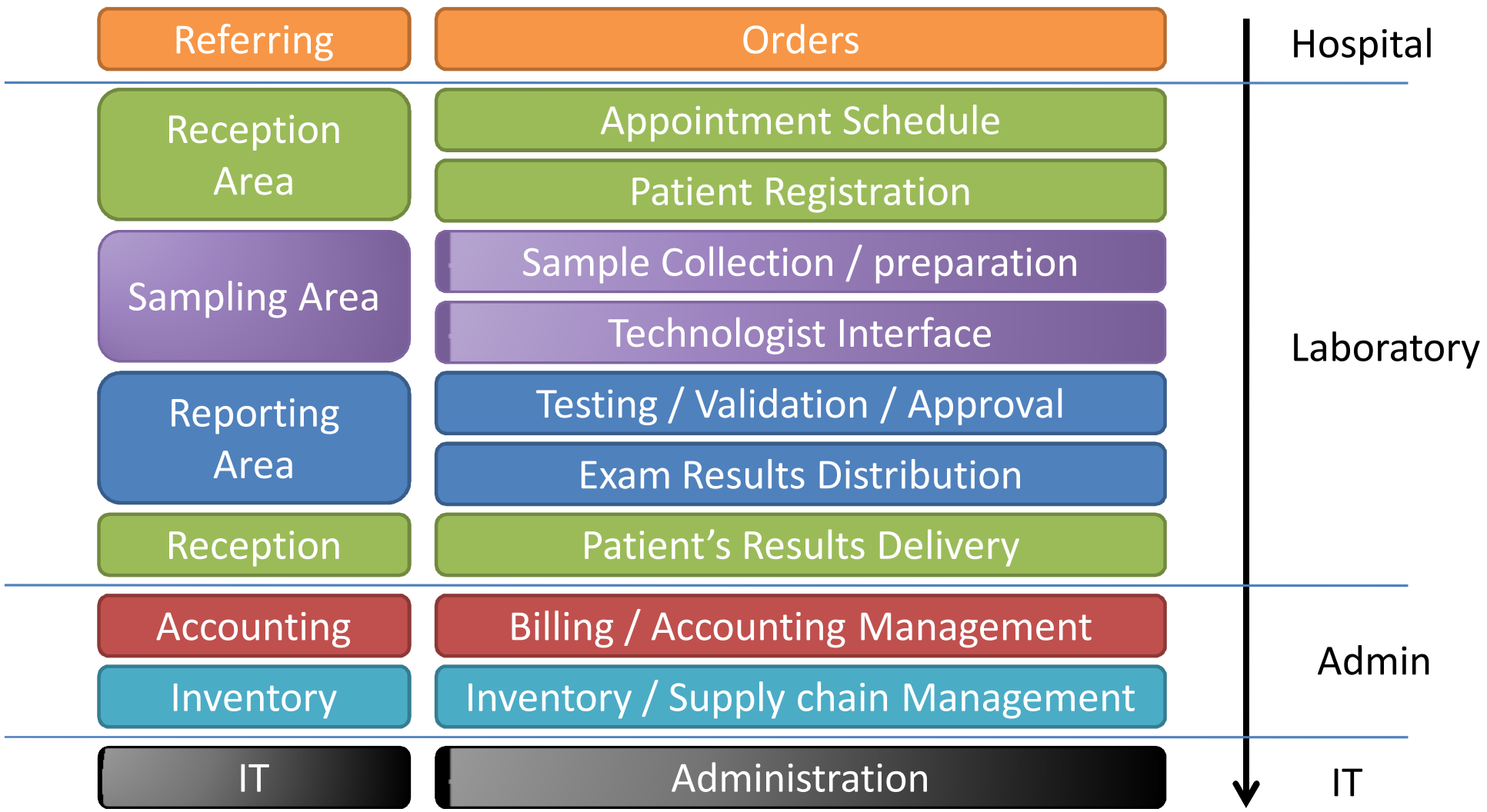


## Why MiClinic | LIS is the best choice ?

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



# MiClinic | LIS, (Components / Workflow)



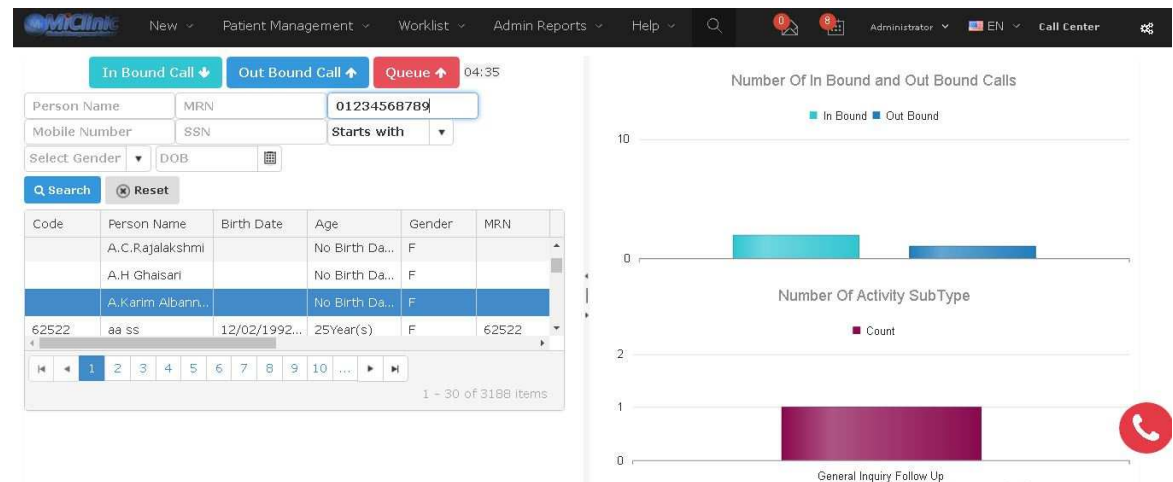


# Modules



## 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

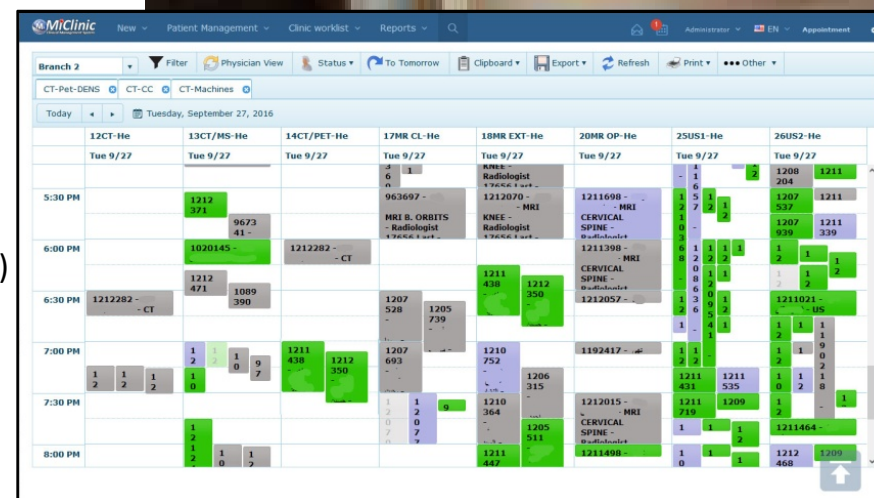


## General Features

- 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



Branch 2	Filter	Physician View	Status	To Tomorrow	Clipboard	Export	Refresh	Print	Other
CT-Pet-DENS	CT-CC	CT-Machines							
Today	Tuesday, September 27, 2016								
12CT-He	13CT/MS-He	14CT/PET-He	17MR CL-He	18MR EXT-He	20MR OP-He	25U51-He	26U52-He		
Tue 9/27	Tue 9/27	Tue 9/27	Tue 9/27	Tue 9/27	Tue 9/27	Tue 9/27	Tue 9/27		
5:30 PM	1212 371	9673 41	121282 - CT	963697 - MRI MRI D. ORBITS Radiologist	1212070 - MRI KNEE - Radiologist	1211698 - MRI CERVICAL SPINE - Radiologist	1208 204 1207 1211 1207 329		
6:00 PM	1020145	1212 471	121282 - CT	1211398 - MRI CERVICAL SPINE - Radiologist	1212 438 1212 350	1211398 - MRI CERVICAL SPINE - Radiologist	1208 204 1207 1211 1207 329		
6:30 PM	1212282 - CT	1089 390	1207 528	1205 739	1210 752	1192412 - MRI CERVICAL SPINE - Radiologist	1211021 - MRI CERVICAL SPINE - Radiologist		
7:00 PM	1 1 1 2 2 2	1 1 0 7	1211 438	1212 350	1207 693	1206 315	1211 535 1211 1209		
7:30 PM		1 0	1 1	1 1	1 1	1210 364	1211 719	1211464 - MRI CERVICAL SPINE - Radiologist	
8:00 PM	1 2	1 0	1 1	1 1	1 1	1211 447	1212 468		

# MiClinic | LIS , (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.



Change Status	Station Name	Patient Code	Patient Name	Service Name	Service No	Patient Price	Unit Price	Company Price	Service No	Start Date	Encounter ID	Mobile	USB Connected	Price
Order Status	مركز	1208381	PARATHYROID S...	PARATHYROID S...	528053	1300	1300	0		28/11/2018 01...	303982	01007718297	190	190
Order Status	مركز	1208382	PARATHYROID S...	PARATHYROID S...	528058	0	800	765		18/12/2018 06...	304827	01012624301	100	2013
Order Status	مركز	1208338	THALLOSUM SCAN	THALLOSUM SCAN	525761	1450	1450	0		28/11/2018 10...	301800	01000045051	100	100
Order Status	مركز	1248084	THALLOSUM SCAN	THALLOSUM SCAN	5257424	0	1300	1215		22/11/2018 10...	305710	01001720074	100	100
Order Status	مركز	1208393	THALLOSUM SCAN	THALLOSUM SCAN	525879	0	1200	1820		28/11/2018 02...	301875	01140000000	100	100
Order Status	مركز	1208383	ECHO FOR ABNO...	ECHO FOR ABNO...	525806	300	300	0		28/11/2018 02...	301876	01140000000	100	100
Order Status	مركز	1208262	THALLOSUM SCAN	THALLOSUM SCAN	525626	0	1200	1147.5		28/11/2018 04...	301861	01112300001	100	100
Order Status	مركز	1208251	THALLOSUM SCAN	THALLOSUM SCAN	525617	1450	1450	0		28/11/2018 01...	301789	01223400043	100	100
Order Status	مركز	1208081	THALLOSUM SCAN	THALLOSUM SCAN	525294	1450	1450	0		28/11/2018 12...	301561	01000047752	100	100
Order Status	مركز	1248215	THALLOSUM SCAN	THALLOSUM SCAN	524825	1450	1450	0		18/12/2018 06...	301876	01272800011	100	100
Order Status	مركز	1002304	THALLOSUM SCAN	THALLOSUM SCAN	524805	0	1200	1820		28/11/2018 11...	301836	01231730034	100	2013
Order Status	مركز	1002304	ECHO FOR ABNO...	ECHO FOR ABNO...	524206	0	300	225		28/11/2018 11...	301836	01231730034	100	2013
Order Status	مركز	1248493	THALLOSUM SCAN	THALLOSUM SCAN	524204	0	1300	1880		28/11/2018 11...	300375	01204500017	100	100
Order Status	مركز	1248488	THALLOSUM SCAN	THALLOSUM SCAN	524080	1450	1450	0		28/11/2018 10...	300453	01061432017	100	100
Order Status	مركز	1248345	THALLOSUM SCAN	THALLOSUM SCAN	523958	1450	1450	0		28/11/2018 10...	300565	01000517782	100	100
Order Status	مركز	1248336	THALLOSUM SCAN	THALLOSUM SCAN	523945	1450	1450	0		28/11/2018 09...	300553	01115810360	100	100
Order Status	مركز	1233733	RENAL SCAN	RENAL SCAN	494012	0	350	440		18/11/2018 08...	300764	01005830044	100	2013
Order Status	مركز	1248106	RENAL SCAN	RENAL SCAN	523484	500	500	0		18/11/2018 08...	300375	01000440003	100	100
Order Status	مركز	1247957	RENAL SCAN	RENAL SCAN	520046	300	300	0		18/11/2018 01...	307810	01231730179	100	100
Order Status	مركز	1247887	MUCT QT	MUCT QT	520049	300	300	0		18/11/2018 01...	307810	01231730179	100	100
Order Status	مركز	20272	PARATHYROID S...	PARATHYROID S...	662068	1300	1300	0		18/11/2018 01...	305297	01003224842	100	100





# Information Gathered

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



The screenshot shows the MiClinic software interface. At the top, there is a navigation bar with options like 'New', 'Patient Management', 'Worklist', 'Admin Reports', 'Help', and a search icon. The user is logged in as 'Administrator' in 'EN' language, viewing 'Patient History'.

On the left is a sidebar menu with options: Upload Documents, Vital Signs, Clinicworklist, Patient History (highlighted), Order Entry, Medication, Diagnosis And Problems, View Documents, External Applications, Patient Summary, Patient Registration, Patient HPI, and Visit Registration.

The main content area shows patient details for 'amr ahmed' (Patient Code: 62632, Age: 43 Year, Gender: M). There are buttons for 'Allergies...' and 'Vitals...'. Below this are tabs for 'Past Medical History', 'Surgical History', 'Social History', 'Risk Factors', and 'Family History'. The 'Past Medical History' tab is active, showing a form with 'Speciality' (Select Speciality Name), 'Other History' (Select History), and 'Year' (4 Numeric Digits Max). There are also 'Add' and 'Clear' buttons.

Below the form is a table with columns: History, Year, Age, Current, Description, Revised, Edit, and Delete. The table is currently empty, displaying 'No items to display'. There are navigation arrows and a 'Save' button at the bottom.



## 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 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 .

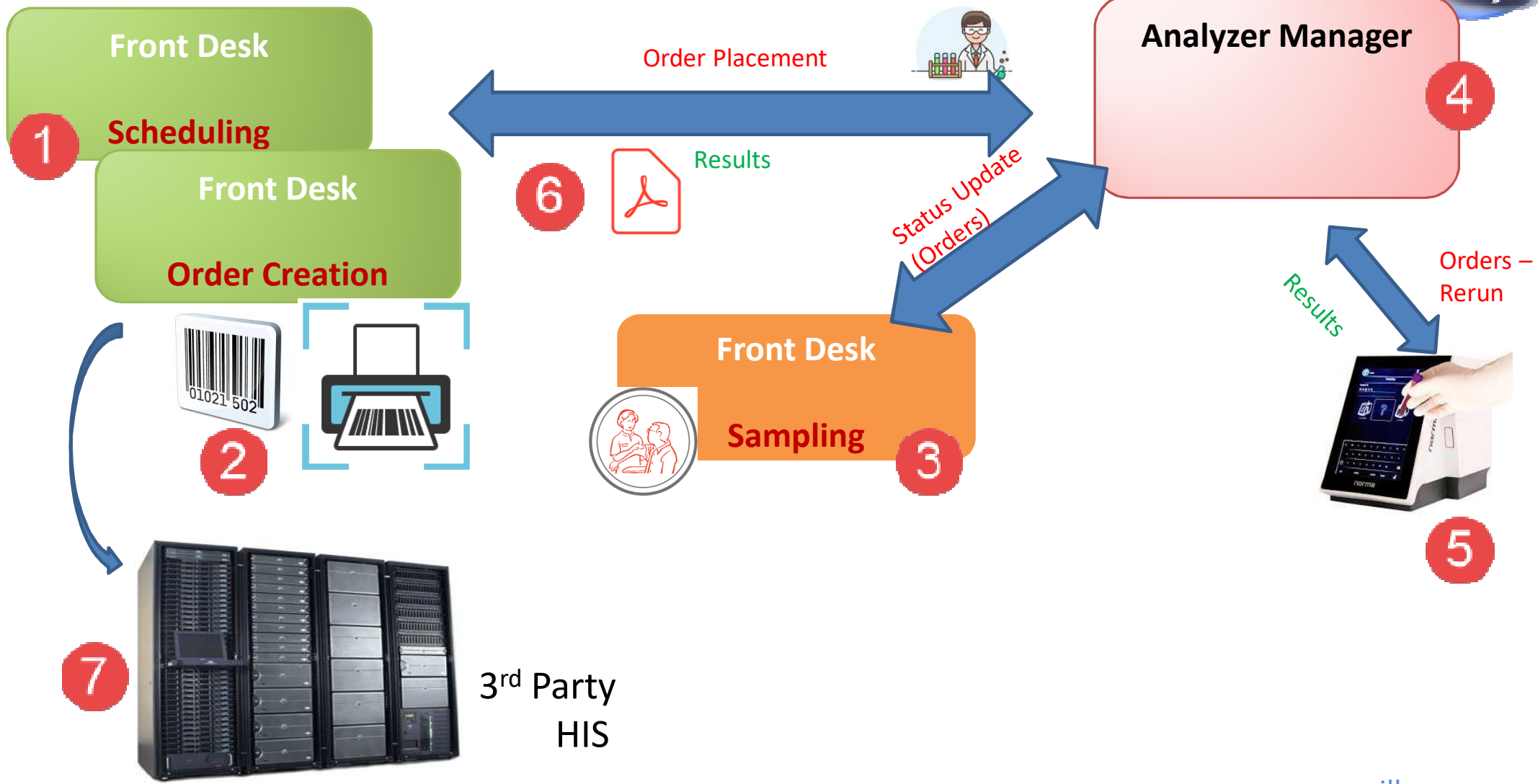




- User configurable work list layout
- Display of waiting-list patients (e.g. status waiting).
- Display procedures ordered from referrals (e.g. hospital clinics)
- Changing procedure status with single mouse click.
- Colored coded display of exams based on exam status and priority.

The screenshot displays a software interface for a Laboratory Information System (LIS). At the top, there are filters for 'Performed' (dropdown), 'Last Month' (calendar), and date ranges (01/07/2018 to 31/07/2018). There are also dropdowns for 'Status', 'Branches', and 'Clinic', along with search and clear buttons. Below this is a table with columns: 'Code', 'Name', 'Patient Name', 'Patient F. Name', 'Mobile', 'Age', 'Gender', 'Status', 'Action', 'Next Step', and 'Print'. Two patient entries are visible, each with a collapse icon on the left. The first entry is for PatientCode: 11445, with Visit Num.: 376921, Patient Name: ابراهيم محمد علي, Patient F. Name: IBRAHIM MOHAMAD EL..., Mobile: 0544336800, Age: 20 Year..., Gender: الم, Status: Pending, and Action: LAb Result. The second entry is for PatientCode: 55555, with Visit Num.: 406924, Patient Name: ربة رشيده, Patient F. Name: REDA RASHEED MOHA..., Mobile: 0555019797, Age: 38 Year..., Gender: الم, Status: Verified, and Action: Show Result.

Code	Name	Performed	Last Month	01/07/2018	31/07/2018	Status	Branches	Clinic	Search	Clear
Visit Num...	Patient Name	Patient F. Name	Mobile	Age	Gender	Status	Action	Next Step	Print	
- PatientCode: 11445										
376921	ابراهيم محمد علي	IBRAHIM MOHAMAD EL...	0544336800	20 Year...	الم	Pending	Lab Result	Go	Print	
- PatientCode: 55555										
406924	ربة رشيده	REDA RASHEED MOHA...	0555019797	38 Year...	الم	Verified	Show Result	Go	Print	





## General Features

- Print samples barcodes.
  - Start collection process.
  - Automatically withdraw the consumables from the sub inventory after examination (e.g. End Procedure).
  - Transfer to another LAB
- 
- View old orders for the same patient



## General Features

- Accept all results at once
- Setup test min\max acceptable range per KIT
- Separate entry, validation and approval of results for reporting
- Direct export of results to spreadsheet or other file formats.



## 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.





## 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

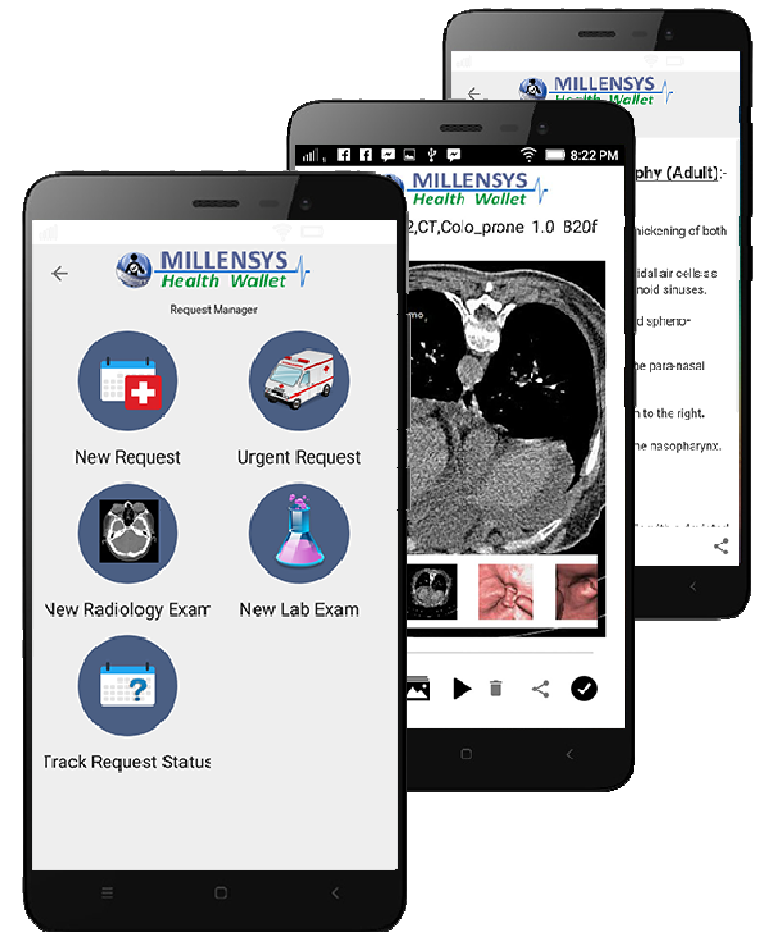






## General Features

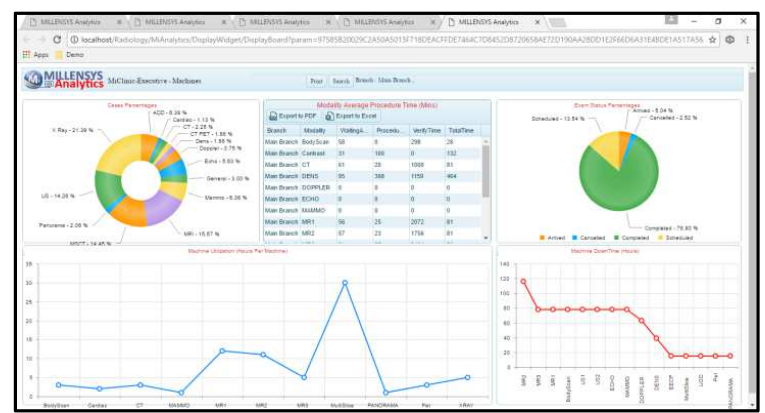
- Supports IOS, Android Mobile phones
- View Patient clinical data, prescriptions, radiology, lab results...
- Online request for scheduling a visit which will be added automatically to the call center queue.
- Review the previous visits ,results and have the ability to download them.
- Integrated with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





## 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 | LIS

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# Thank You

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