

MILLENSYS



Unified Home Care Software Platform

Delivering care to patients homes where it is needed



www.millensys.com

MILLENSYS Home care Platform

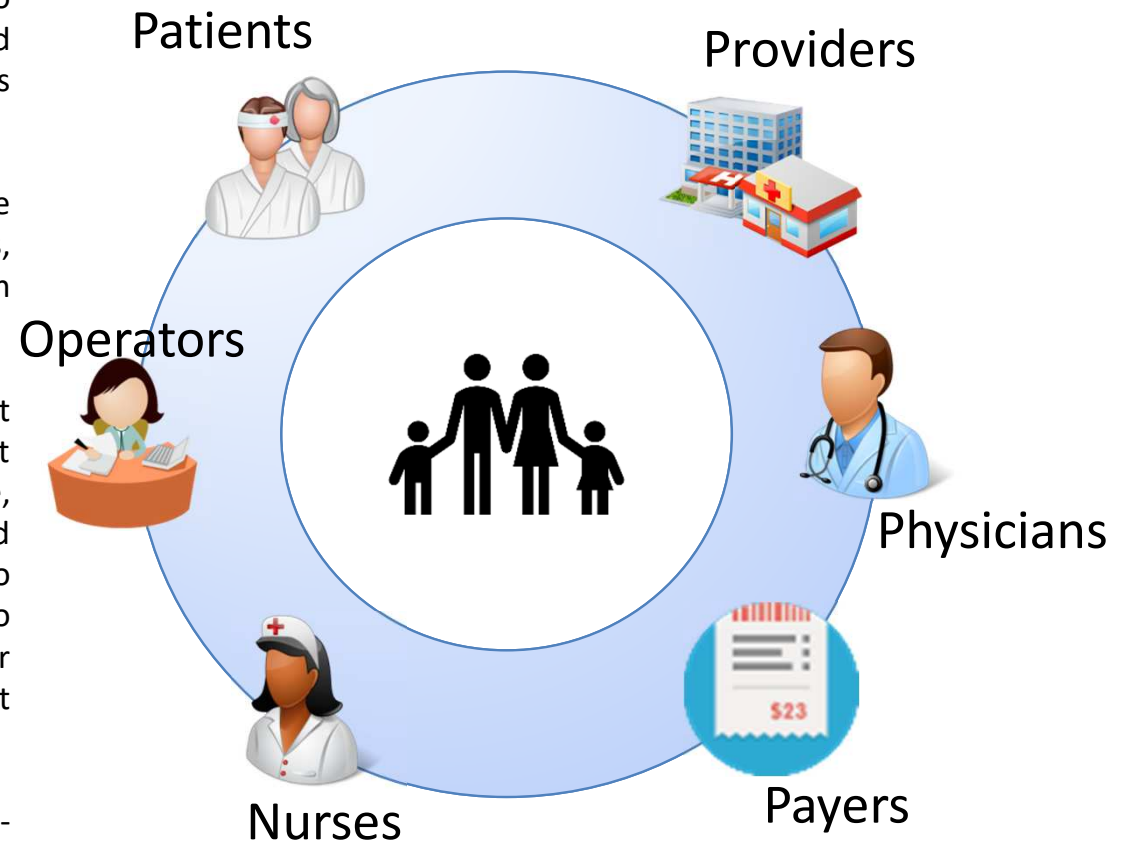


MILLENSYS home care solution is a unified software platform to deliver healthcare at patient's home including a powerful web based electronic medical record " EMR " with telemedicine capabilities plus multiple mobile applications for patients , physicians and nurses .

The solution includes modules for video / audio conferencing for tele consultation between both patients to doctors and doctors to doctors, billing , web portals and data analytics) plus integration with wearables , medical devices and kits for vitals measurement.

The workflow starts when patient books an examination or home visit and when being examined , data is being acquired from the home kit medical devices (e.g. ECG , Pulse , Glucose , Blood Pressure, Temperature , SPO2 , ...etc.) as a store and forward to the unified medical record including all reading .The data are then available to doctors and service providers that can use video conference to interact with patients in real time or can contact the nurse or healthcare worker at home to follow up the prescription or treatment plan .

MILLENSYS homecare software is considered as a complete end-to-end solution for healthcare providers to diagnose and treat patients at home.



MILLENSYS Home care Platform | Different Workflows



Education



Doctor – Doctor

Consultation



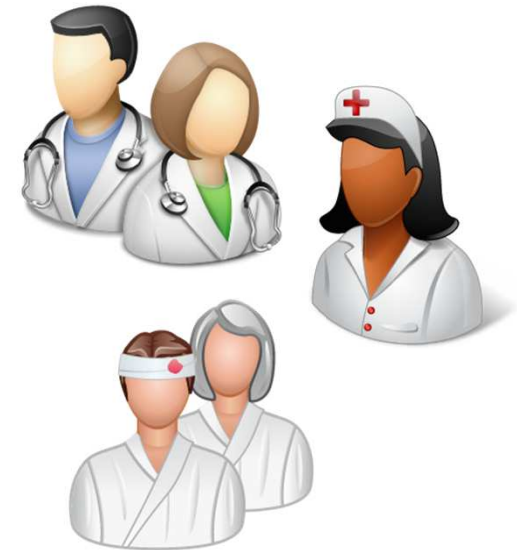
Patient – Doctor

Consultation

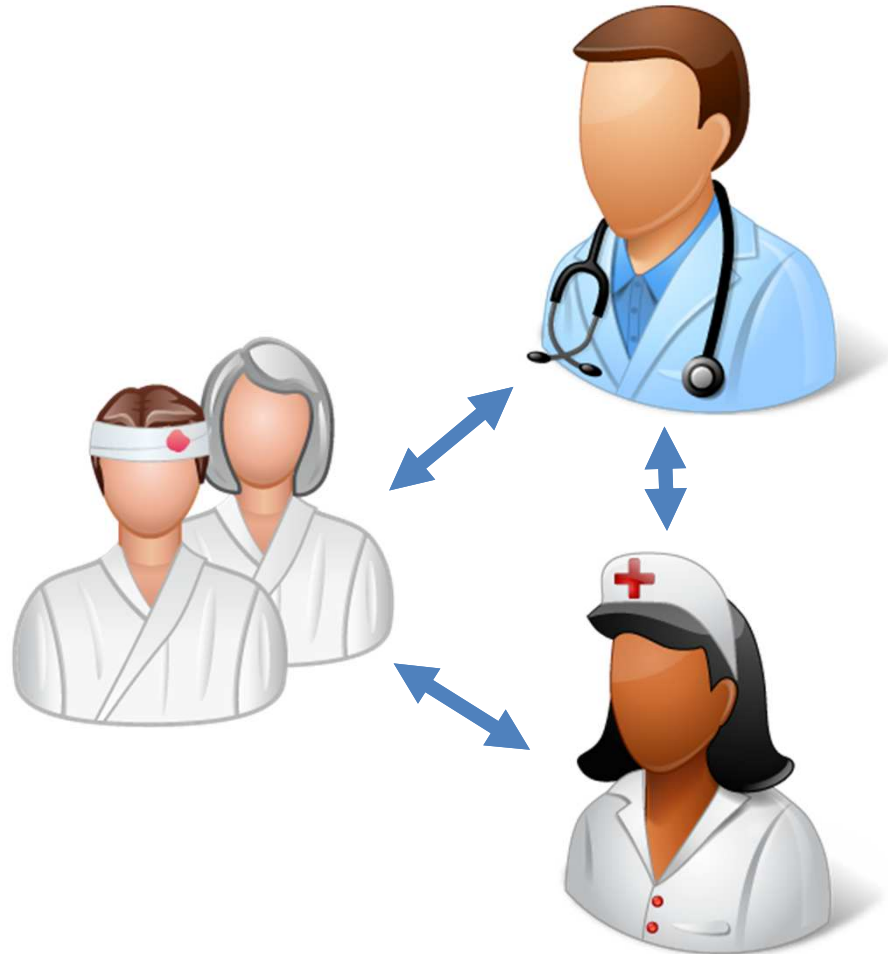


Patient – Doctor – Nurse
Patient – Doctor – Doctor – Nurse

Home Care



Patient – Doctor – Nurse



The telemedicine physician's responsibilities include handling teleconsultations, monitoring prescription medication usage, performing prescription renewals, and referring patients to other physicians or health care specialists as needed.

The nurse practicing telehealth promotes patient wellness; assesses patients and provides care in remote or disadvantaged settings; manages chronic conditions; provides transition of care; and supports end of life care

MILLENSYS Home care Platform | TeleHealth workflow



Telemedicine solution is a complete end-to-end medical care delivery among all stakeholders in the care environment

Mobile Apps and Web Portals

Booking

E- Payment

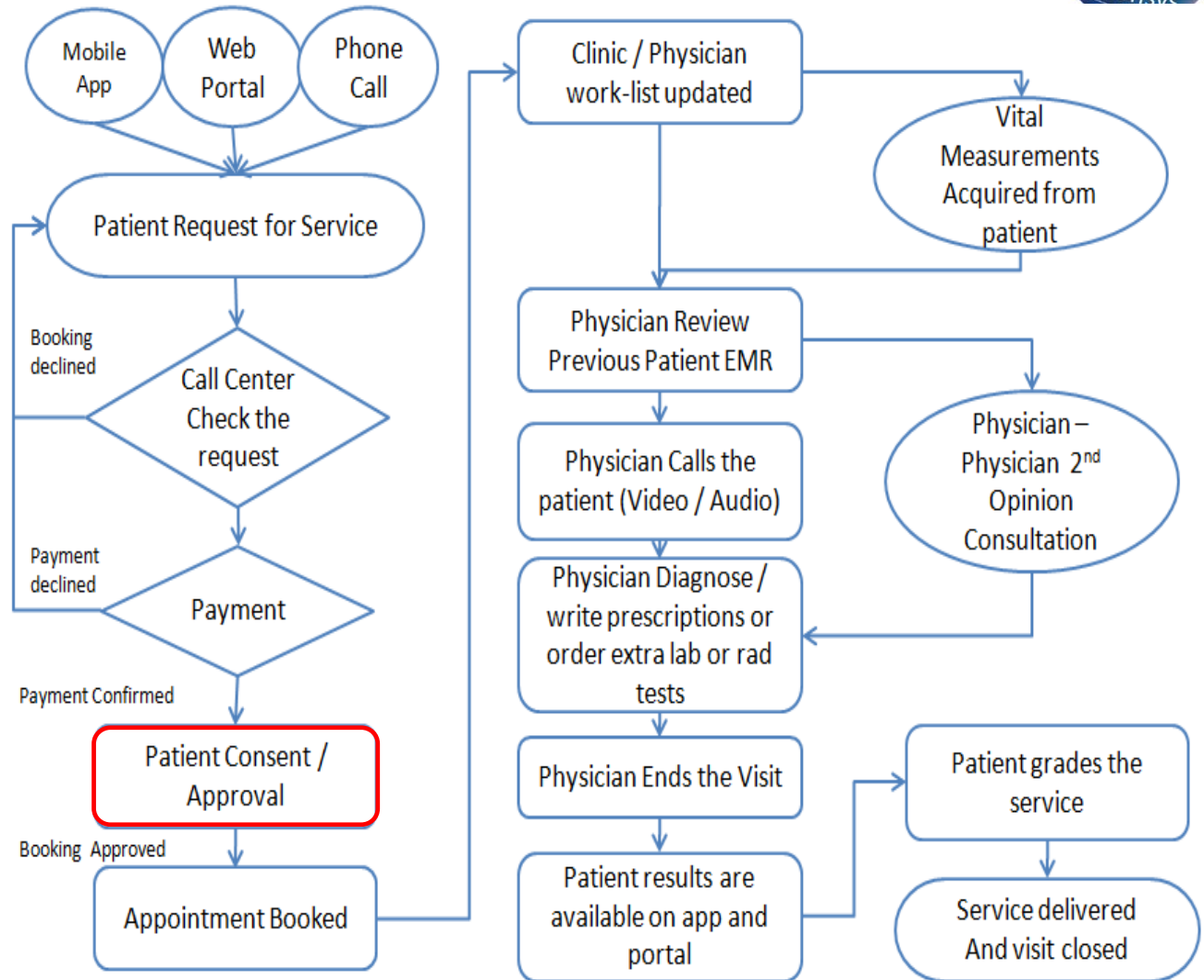
Consultation
With video
conference

prescription

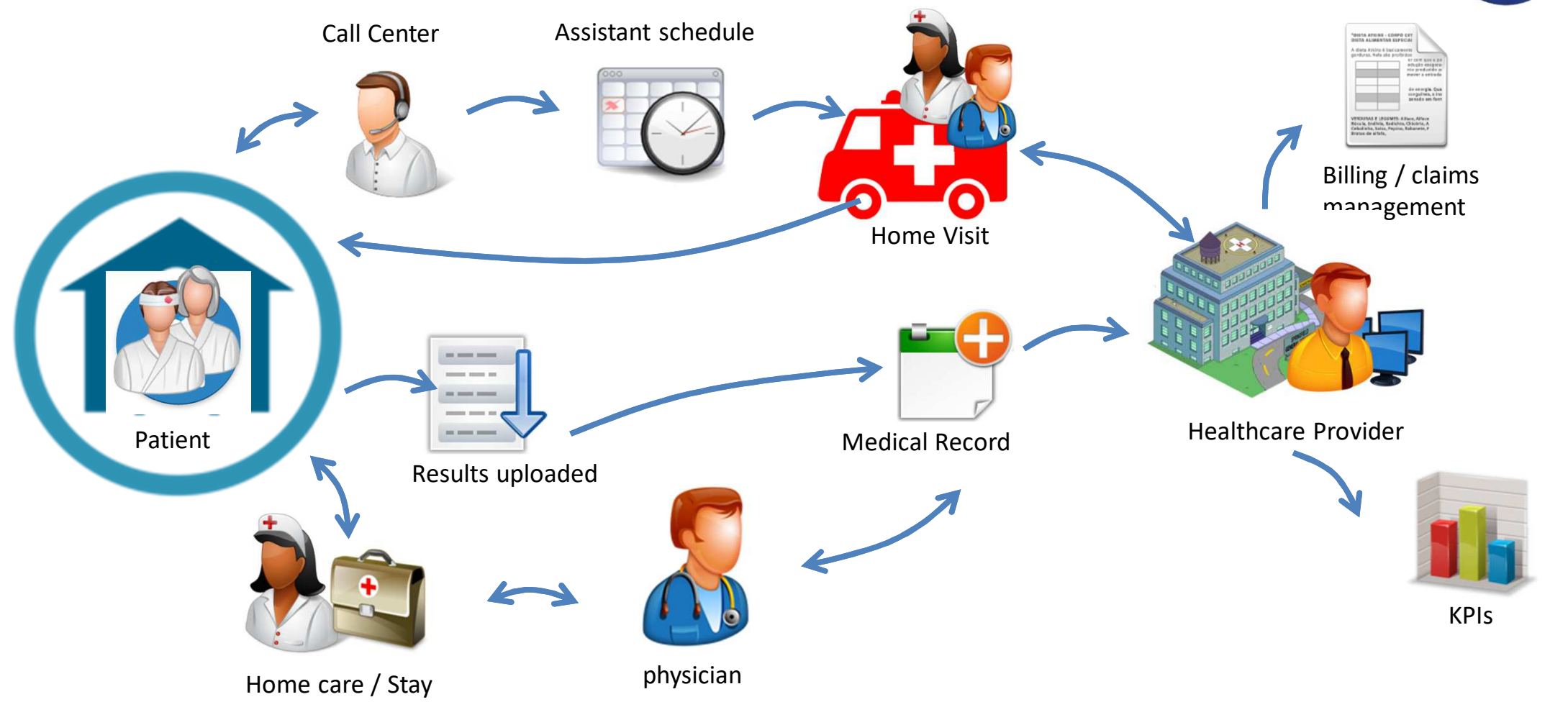
Electronic medical record "EMR"

Integration

Reporting and Analytics

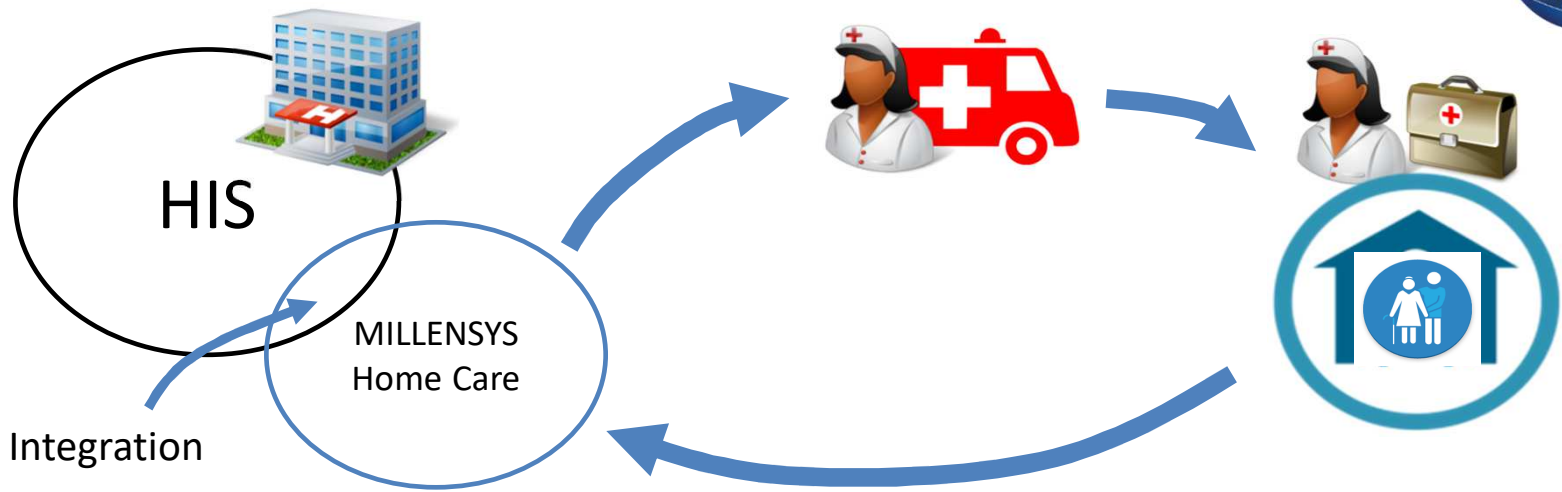


MILLENSYS Home care Platform | Workflow

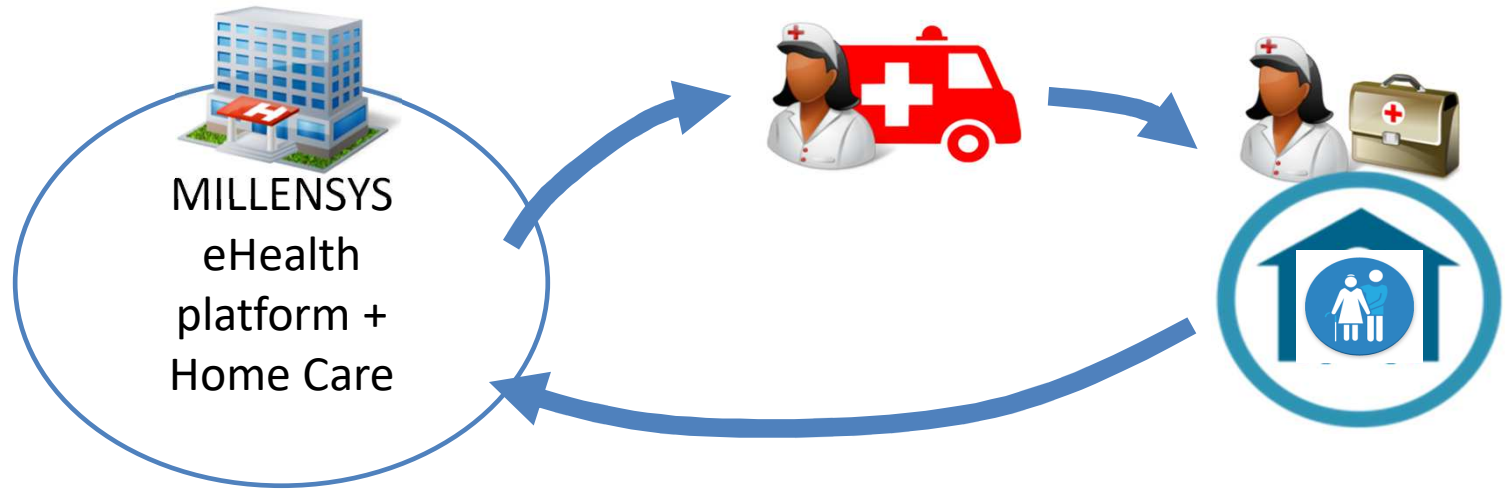




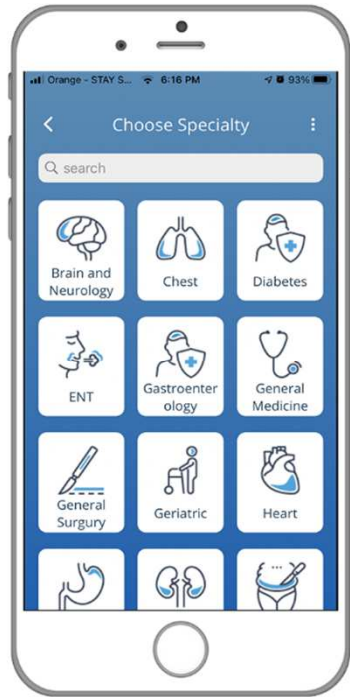
Scenario : 1
Hospital HIS exists



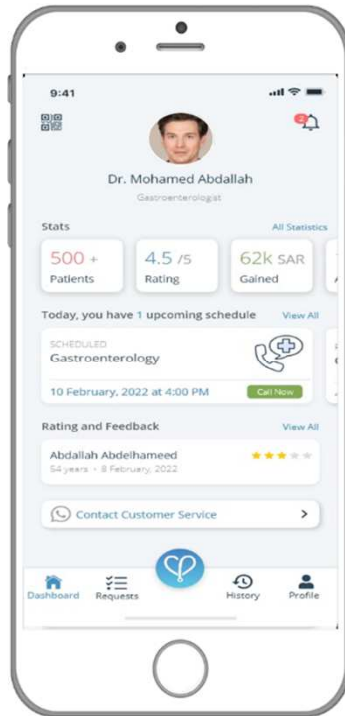
Scenario : 2
Green Field



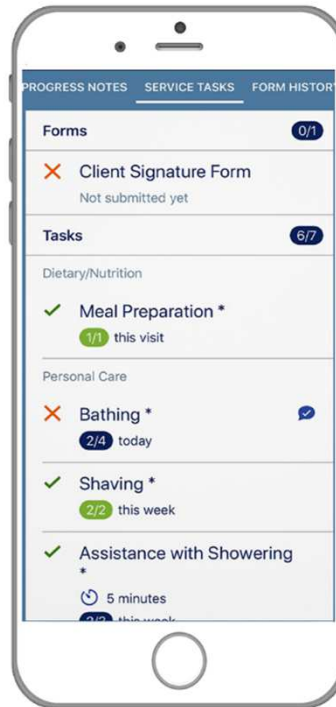
MILLENSYS Home care Platform | mHealth | Mobile App



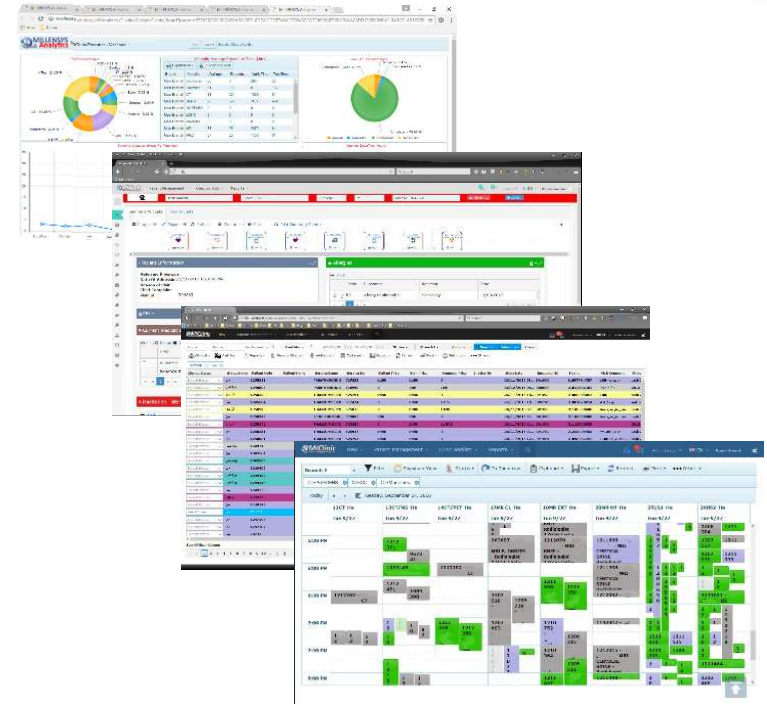
Patient
Mobile App



Physician
Mobile App

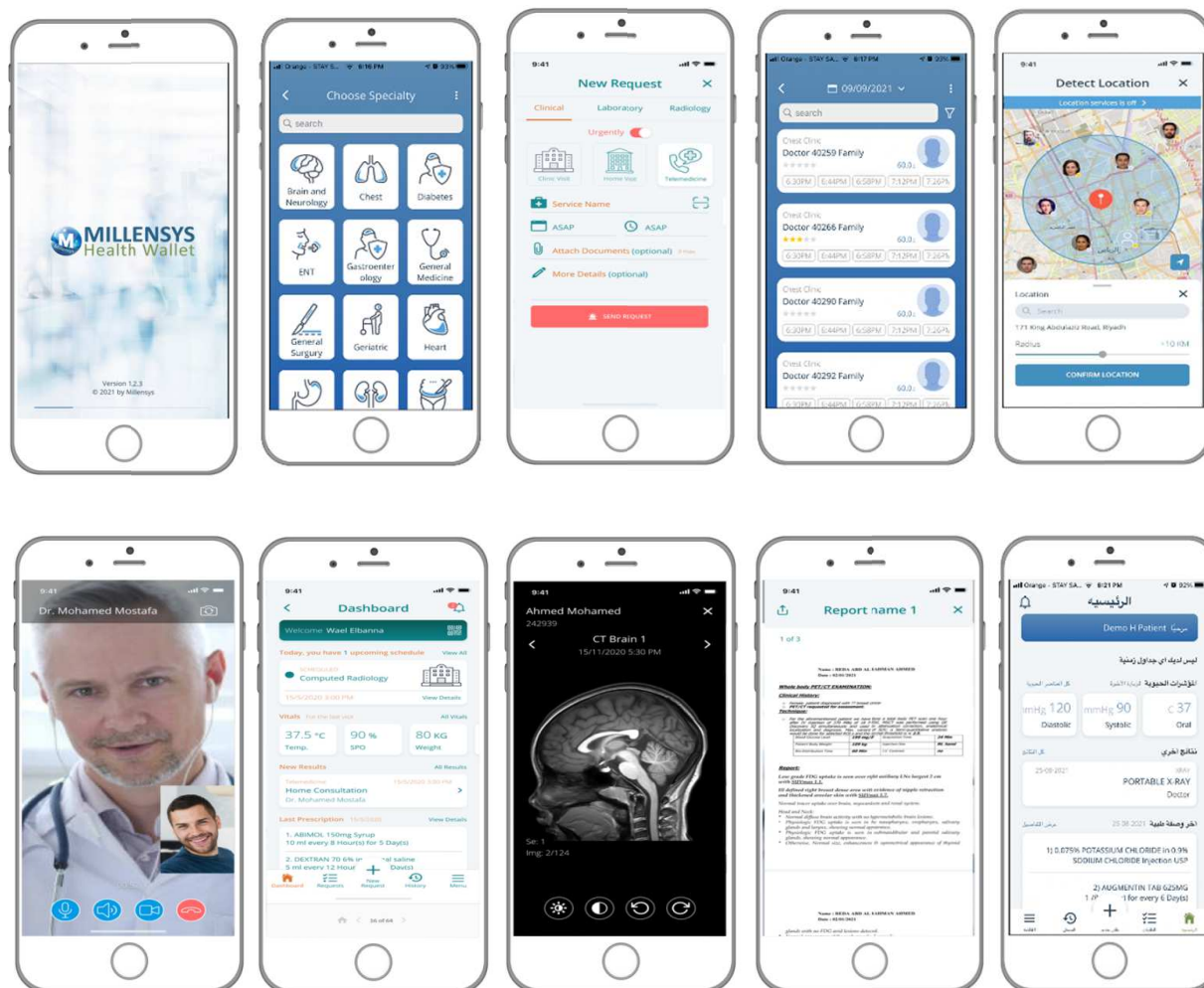


Nurse
Mobile App



Web based
Platform

MILLENSYS Home care Platform | mHealth | Mobile App



MILLENSYS Health Wallet

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MILLENSYS Home care Platform | Home Care Kit



5 Lead ECG simultaneous	Pulse Oximetry	Blood Monitor Lipids, Glucose Ketones	Blood Glucose	Urine analysis	Videoscope ORL & Derm	Color Vision	Visual acuity test
Audiometer	Video Consultation	NIBP	Spirometer	Health Scale & BMI	Hematology	Rapid Tests HIV, Malaria, Hepatitis ...	S.A. Defibrillator
Ultrasound 3.5 to 9 Mhz probes	Digital Camera	White Blood Cell count	Point of Care CD4				

Mobile Medical Case - Basic configurations:

A black, ruggedized medical case with orange accents, shown open to reveal various medical devices inside.



Health Monitoring

It is reusable, rechargeable, and can record data even in the event of a network disruption. Can be used in AF detection, coronary artery disease, stress and depression, and more



Smart Health Watches

- Measure temperature, blood pressure, blood oxygen, breathing rate, sound, GPS location, elevation, physical movement, changes in direction, and the electrical activity of the heart, muscles, brain and skin.



Smart Glasses

They are wearable computers with HD cameras, WiFi, Bluetooth, voice controlled.

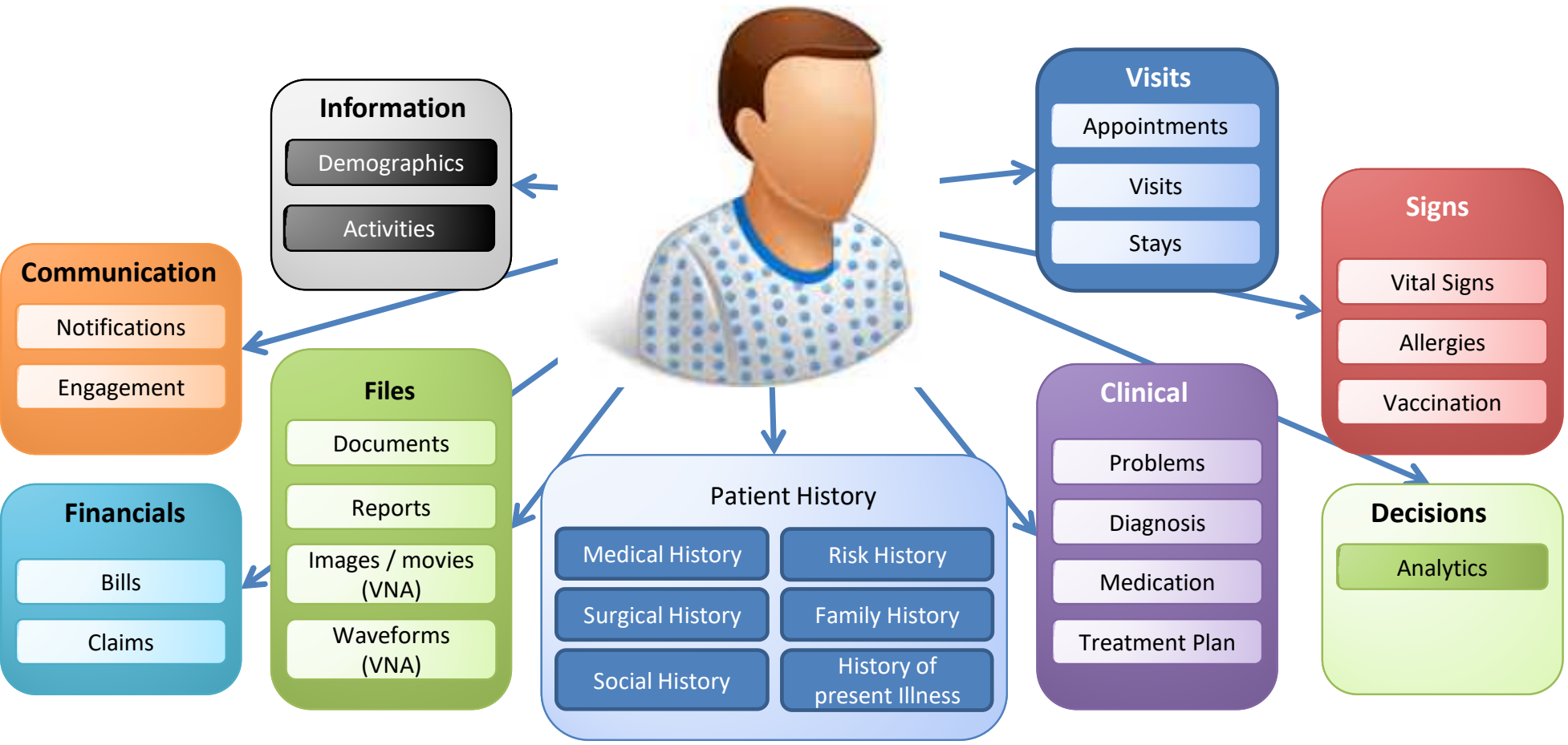
- Can Communicate with IoMT sensors and devices , EMR software
- Capture images and livestream
- Display live data

Telemedicine includes

- Video/Audio conference and consultations
- Sharing EMR for Patients across the internet
- Providing a Patient /referral portal where Patients can get medical consultation and opinion from the cyber space.
- Sharing patient data using Tele-ECG, Tele-Dermatology, Tele-Pathology, Tele-Radiology, Tele-Cardiology and etc. where patients and hospitals can upload and download the data from / to anywhere in the globe.



Mobile carts equipped with digital medical equipments and video conferencing tool to suite the telemedicine requirements.



General KPIs



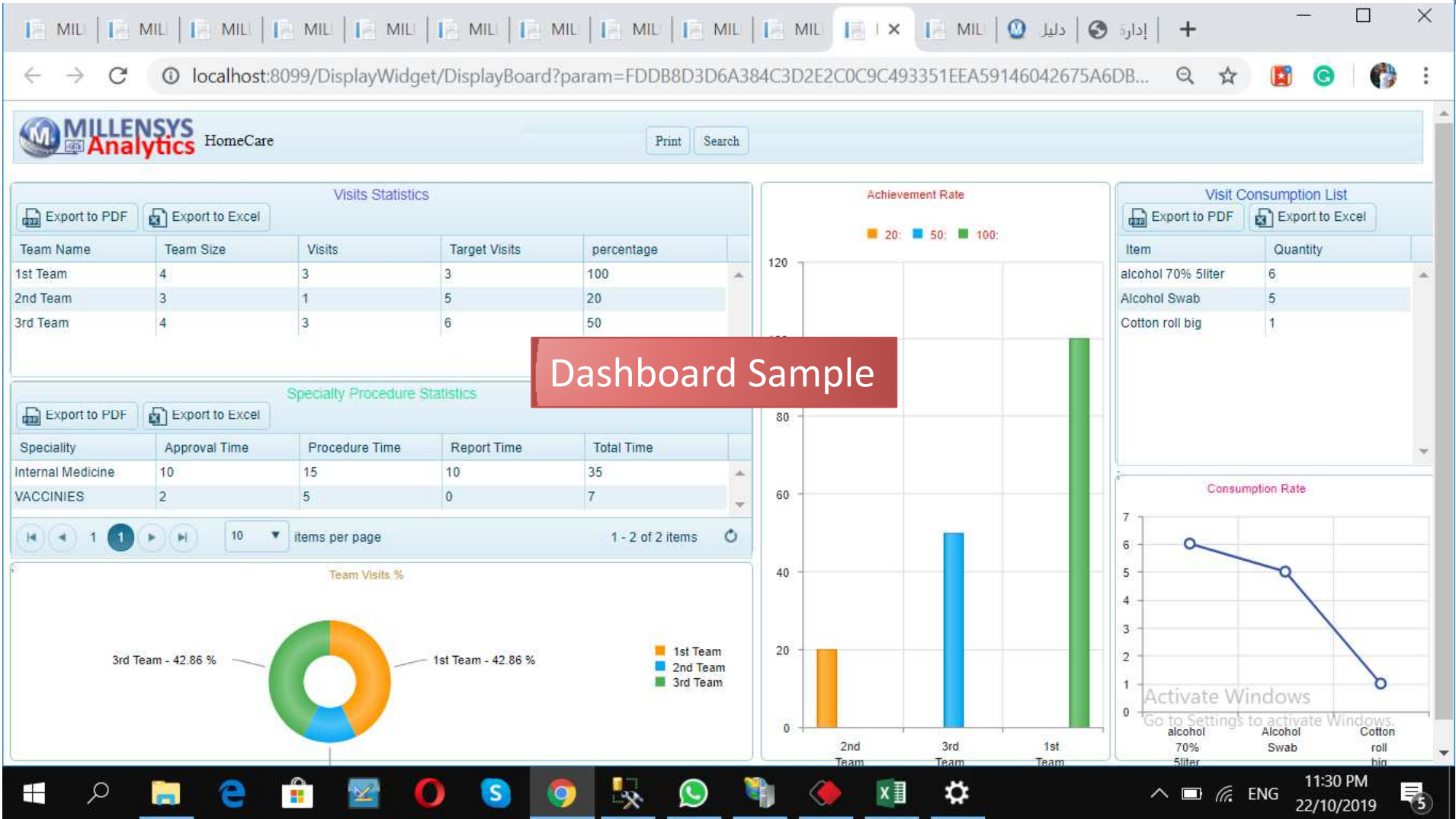
- **Operation** : Overall Productivity , Equipment Utilization
- **Financial** : Revenue and Profitability
- **Marketing** : Patient Satisfaction , Referrals , Payers
- **HR** : (staff reimbursement)
- ... etc .

Demanded KPIs



- Percentage Home Care Beneficiary
- Percentage of Home care 1st Visit in a week / Total Admitted patients
- Percentage of Re-admittance of home care patients
- Percentage of Pressure Ulcer Risk (as per Braden Scale)
- Percentage of Falling at Home for high risk patients
- Productivity of healthcare teams
- Percentage of Service given to targeted population.

MILLENSYS Home care Platform | Analytics, Business Intelligence





Complete financial management with MILLENSYS ERP

Cash
Management

Billing

Claims

Accounts
Receivable

Accounts
Payable

Inventory
Management

Assets Management

HR

General Ledger



Patients

- Provide a Hospital Level of Care at Home
- Increased satisfaction and loyalty
- Provide proper health care for elderly people
- Easy engagement with service providers
- Allows rural residents to receive expert diagnosis and treatment from distant medical centers.
- Faster Recovery from surgery/illness at home
- Cost Effectiveness for both care provider and patients
- Reduce Hospital Readmissions
- Provide proper health care for elderly people
- Patients don't Need to Be in a Hospital to be monitored



Payers

- Get accurate financial data on the claims
- Automated processing of claims request and approval workflow.



Managers

- Increased profitability and maximize ROI
- Maximize operation efficiency
- Improve decision making and forecasting
- Improve competitive advantage for the organization



Care Providers

- Decrease waiting queues at reception
- Increase bed utilization efficiency
- Increased healthcare service productivity
- Easy access of patient's data anywhere / anytime
- Engage more with patients condition
- Share / consult with others remotely
- Never miss a dose or a patient with proper EMR.
- Enable quick access to patient records for more coordinated, efficient care



Financials

- Increased profitability and maximize ROI
- Consolidate financial calculations for different sites from one place.
- manage income statements , cash flow and balance sheets .



Administrators

- Centralized administration from anywhere. and across multiple environments.
- Easy tracking and auditing of daily transactions for more security and smooch operation.
- Improves administration efficiency



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Thank you