



KFTECH

SOFTWARE SOLUTIONS



Healthcare
IT Solutions



FinTech and
ERP Solutions



Cyber Security
Forensic Solutions

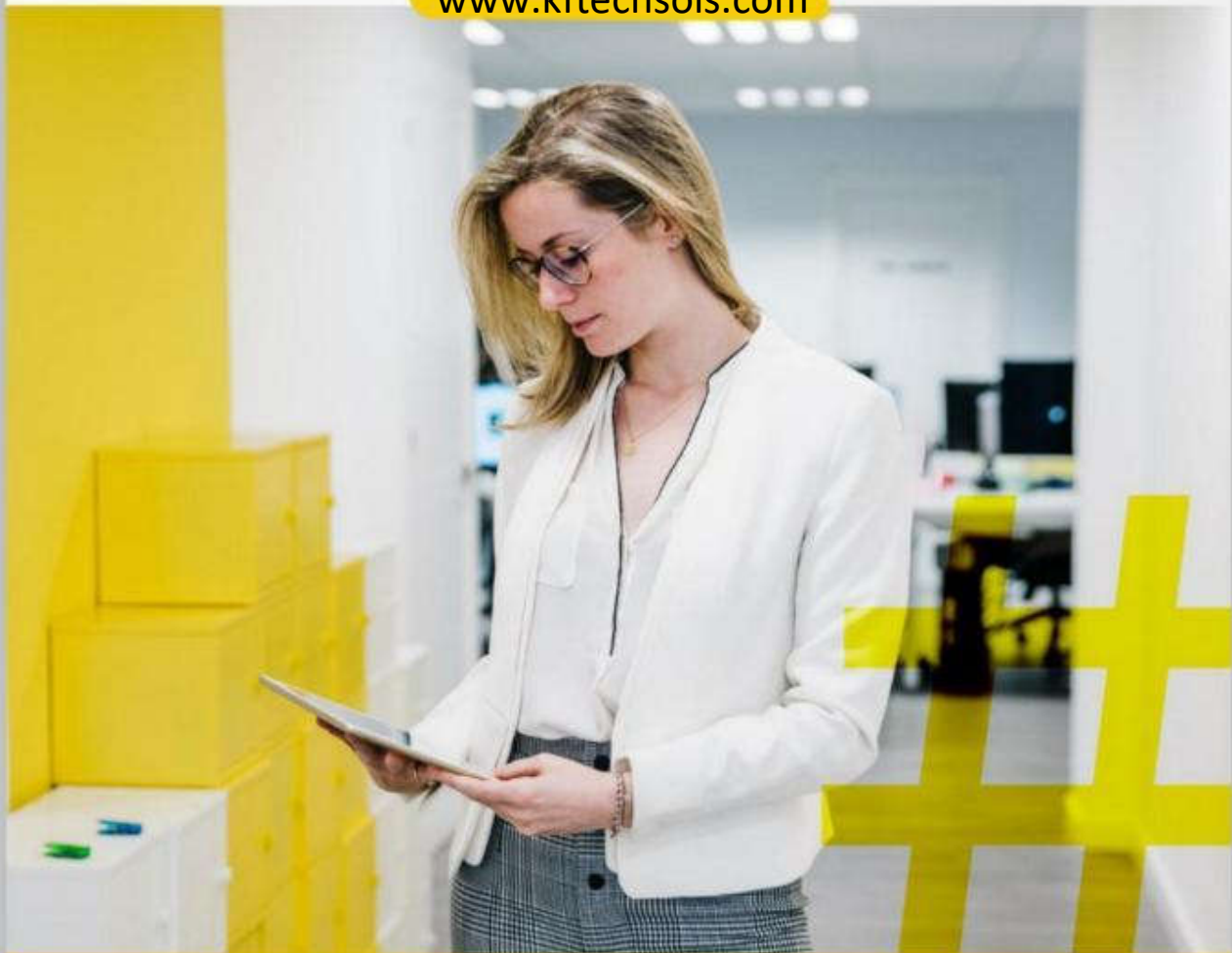


IP Surveillance
Software Solutions



IP Based
Public Address

www.kftechsols.com



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mrakftch@yahoo.com



[Linkedin.com/company/kftechsols](https://www.linkedin.com/company/kftechsols)



Healthcare IT Solutions

We are pleased to introduce ourselves as Leading software solutions provider with over 15+ years of unwavering commitment to excellence, KFTECH stands as a premier provider of cutting-edge solutions in Healthcare IT, FinTech, CyberSecurity, IoMT, IP surveillance and monitoring, and IP Network Public Address Systems. From serving clients in Kingdom of Saudi Arabia, USA, Canada, UK, Ireland, and Japan to catering to healthcare, educational, government, corporate sectors.

EMR / EHR Services :

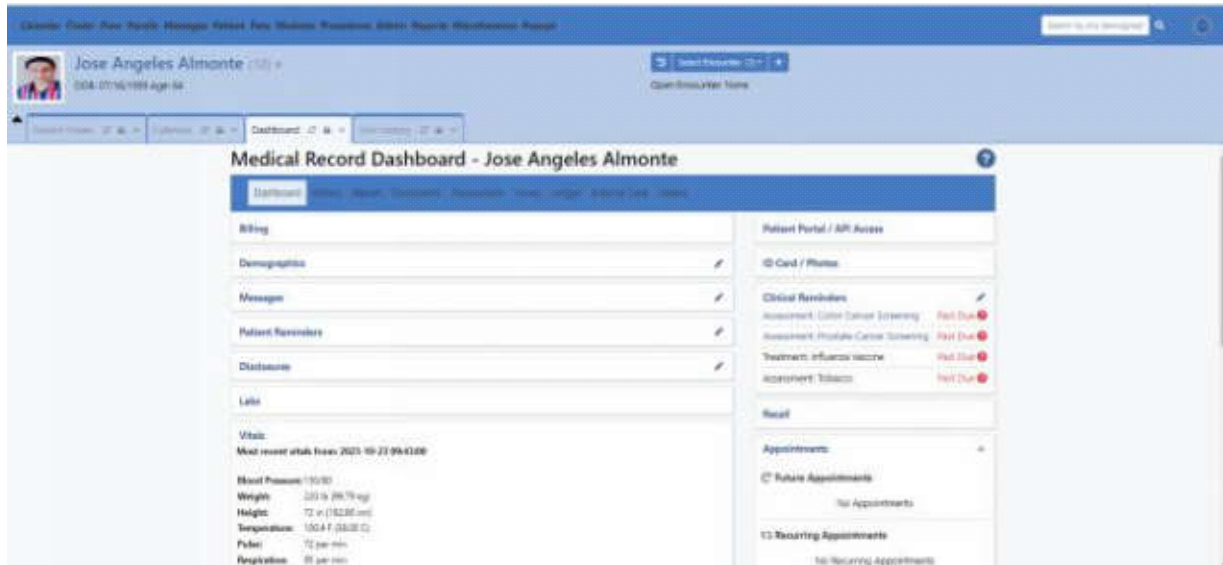
- EMR / EHR Setup & Hosting
- Customization / Development
- Data Migration (ETL)
- 3rd party Integration
- Security and Compliance
- Training and Technical support
- Upgrades / Maintenance
- Performance Optimization
- Generate CDA / C-CDA Doc.

EMR / EHR Cloud Solutions :

- Dashboards Modernization
- Advanced Tele-Health
- Advanced Patient Portal
- Chronic Care Management
- Remote Therapy Management
- Remote Patient Monitoring
- Advanced Practice Management
- Medical Billing Services
- FHIR based Health Info Exchange.

KFTECH - Health IT Expertise :

- Health IT Applications - EMR / EHR, Practice Mgmt, Tele-Health, Remote Patient Monitoring
- Health Information Exchange & Interoperability (HL7 V2, V3, X12, HAPI FHIR, FHIR, SMART, Mirth)
- Robotic Process Automation (RPA) to automate Healthcare Business Tasks.
- AI implementation for Medical Imaging Detection and Classification (Annotation).
- CyberSecurity solutions for the Healthcare Information Exchanges.
- Data Mapping Sheets Preparation, Database Migrations, Backups and Restoration.
- Cloud Platforms AWS, AZURE and GCP utilization in deployment of Healthcare Web applications.



EMR / EHR (Local, Cloud) :

EMR (Electronic Medical Records) and EHR (Electronic Health Records) Softwares are digital solution that enables healthcare providers to manage patient health information electronically within a single healthcare organization, such as a hospital or clinic. These systems digitize and organize patient medical records, including information such as medical history, diagnoses, medications, treatment plans, lab results, and radiology images.

The benefits of EMR/EHR software are manifold. Firstly, it streamlines administrative tasks by automating processes such as appointment scheduling, billing, and prescription management, thereby increasing efficiency and reducing errors.









Secondly, EMR software improves the accuracy and legibility of medical records, enhancing communication and coordination among healthcare providers within the same organization.

Thirdly, it facilitates better clinical decision-making by providing quick access to comprehensive patient data, enabling healthcare professionals to make informed decisions about patient care.

Additionally, EMR systems contribute to improved patient outcomes by supporting preventive care, tracking patient progress over time, and identifying trends and patterns in health data.

Finally, EMR software enhances regulatory compliance by ensuring that patient records are complete, secure, and compliant with legal requirements and industry standards. Overall, EMR software plays a crucial role in modernizing healthcare delivery, improving patient care quality, and optimizing operational efficiency within healthcare organizations.



 <p>Scheduling</p> <p>Advanced scheduling allows clinics to create repeating events, automated-workflows triggered by check-in, and patient reminds.</p>	 <p>e-Prescribing</p> <p>Enter a prescription into an encounter and have it electronically sent to the patient's pharmacy.</p>	 <p>Medical Billing</p> <p>Integrated billing supporting HIPAA ASC X12 Version 5010 Transaction and Code Set Standards.</p>	 <p>CMS Reporting</p> <p>Generate reports with just a few clicks</p>
 <p>Lab Integration</p> <p>Have lab orders automatically sent to a lab and integrate the results into a patient's chart automatically</p>	 <p>Clinical Decision Rules</p> <p>Navigate complex patient algorithms using the clinical decision rules engine to ensure the highest quality of care for patients.</p>	 <p>Advanced Security</p> <p>HIPAA-friendly, fine-grained access control objects, and industry-standard password hashing helps to protect your practice from intrusion</p>	 <p>Multilingual Support</p> <p>Available in over 30 languages, and customizable to add more.</p>

openEMR/EHR is electronic health records and medical practice management application. It is ONC Certified and it features fully integrated electronic health records, practice management, scheduling, electronic billing, internationalization, and a whole lot more. It can run on Windows, Linux, Mac OS X, and many other platforms.

Features supported are listed below :

Patient Demographics :

- Track patient demographics.
- Primary info (name, dob, sex, id)
- Marital status
- Contact information of patient
- Contact Info of patient's employer
- Primary provider information
- HIPAA information
- Language and ethnicity
- Insurance coverage
- Deceased Tracking
- Fully Customizable
- Address verification with USPS API

Patient Scheduling :

- Patient Flow Board, Tracking, and Reporting
- Supports multiple facilities
- Appointment notify via email and sms
- Recall (reminders) Board
- Flexible appointment calendar
- Calendar features include:
 - Find open appointment slots
 - Categories for appointment types
 - Colors associated with appointment types and facility
 - Repeating appointments
 - Restricting appointments

Electronic Medical Records :

- Interoperability
 - CCDA
 - FHIR support for ONC US Core IG 4.0.0 (SMART on FHIR is included)
- Encounters
- Medical Issues
- Medications
- Immunizations
- Forms and clinical notes:
 - Vitals (growth charts included)
 - SOAP note
 - Review of systems
 - Eye (Ophthalmology/Optomety) Module
 - Template Driven Forms
 - ◆ CAMOS (Computer Aided Medical Ordering System)
 - ◆ Nation Notes (WYSIWYG editor)
 - Ability to create and customize forms
- Group Therapy
- Graphical Charting
- Labs
- Procedures
- Patient Reports
- Referrals
- Patient Notes
- Disclosures
- Electronic digital document mgmt
- Voice recognition ready (MS Windows Operating Systems)
- Paper Chart Tracking
- Electronic Syndrome Surveillance reporting
- Clinic Messaging
- Send and Receive Medical Records via Direct Messaging
- Dated Reminders
- Medical Image Viewer (DICOM)

Prescriptions :

- Online drug search
- Track patient prescriptions and medications
- Create and send prescriptions
- E-Prescribe
- Print, Fax, Email
- Customizable layout including options for DEA, NPI and state license numbers.
- In-house pharmacy dispensary support

Medical Billing :

- Flexible system of coding including CPT, HCPCS, ICD9, ICD10 and SNOMED codes, and the ability to add others
- Support for 5010 standards
- Support for Institutional Billing Standards (UB-04)
- Support for electronic billing to clearing houses such as Office Ally, ZierMED and ClaimRev using ANSI X12
- Support for paper claims
- Medical claim management interface
- Insurance Eligibility Queries
- Insurance Tracking Interface
- Accounts Receivable Interface
- EOB Entry Interface
- Customizable to work with a clearing house for automated 835 or ERA entry

Clinical Decision Rules :

- Physician Reminders
- Patient Reminders
- Clinical Quality Measure Calculations
- Automated Meaningful Use Measurement Calculations
- Fully Customizable and Flexible

Patient Portal :

- Modern User Interface
- Scheduling and Appointments
- Secure Messaging and Chat
- Online Payments
- Send Records via Direct Messaging
- Customized Forms
- New Patient Registration
- CCD A Support
- Reports
- Labs
- Medical Problems
- Medications
- Allergies
- Appointments

Reports :

- Appointments
- Encounters
- Patient Lists
- Prescriptions and Drug Dispensing
- Referrals
- Immunizations
- Clinical Measure Calculations
- Clinical Quality Measures (CQM) Calculations
- Automated Measure Calculations (AMC) and Tracking
- Syndromic Surveillance
- Pending Procedure Orders
- Ordered Procedure Statistics
- Paper Chart Tracking
- Sales
- Collections
- Insurance Distributions
- Insurance Eligibility

Multilanguage Support :

- Supports use of multiple languages within the same clinic
- Currently Supported Languages:
 - English (American)
 - Albanian, Armenian
 - Arabic
 - Chinese (Simplified)
 - Chinese (Traditional)
 - Danish
 - Dutch
 - French (Canadian)
 - French (Standard)
 - German
 - Urdu / Hindi
 - Italian
 - Japanese
 - Persian
 - Polish
 - Portuguese (European)
 - Romanian
 - Russian
 - Spanish (Latin American)
 - Spanish (Spain)
 - Swedish
 - Turkish
 - Vietnamese
- Fully supports UTF-8 encoding
- Supports RTL

Security :

- Support fRole Based & Custom Menus
- Ability to Encrypt Patient Documents
- Active Directory Support
- DB Connection Encryption Support
- Remotely accessible from any modern web browser with a suitable security certificate installed.

OpenEMR solutions for every specialty

Mental Health	Dermatology	ENT	Physiotherapy
Neurology	OBGyn	Oncology	Optometry
Orthopedic	Pathology	Podiatry	Surgery
Family Practice	Ophthalmology	Ambulatory	Wound care
Gastroenterology	Psychiatry	Urgent care	Pain management

openEMR Installation on Local or Cloud Hosting : \$550 only. Monthly Support \$100 (12 month contract).
openEMR installation on Linux (Ubuntu) : \$700 only.

DEMO LINK : <https://www.kftechsols.com/bestemr>

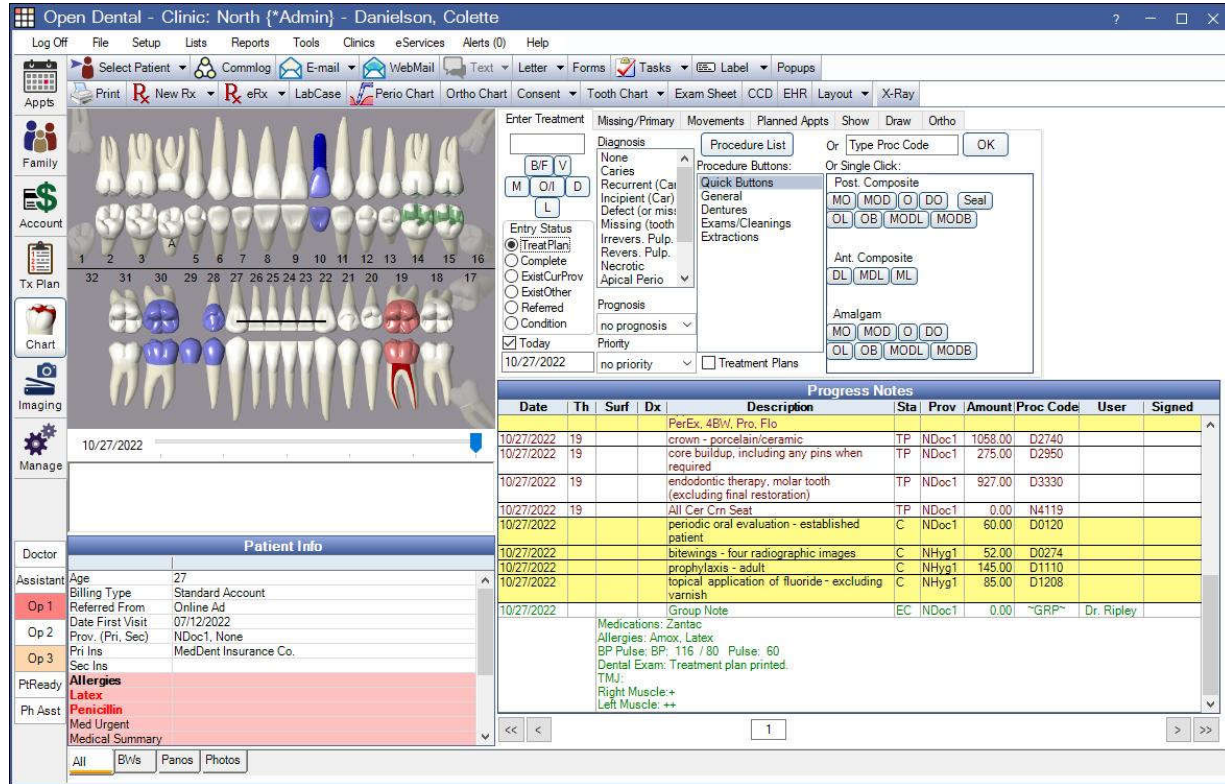
Username : EMR-Provider16

Password : emrProvider1@786

Dental Practice Management (Local, Cloud) :

Quality Software for Dental Offices :

Comprehensive, highly Customizable Dental Practice Mgmt software for practices of any size.



OpenDental is a comprehensive dental practice management software designed to streamline administrative tasks and enhance patient care in dental practices.

1. Appointment Scheduling :

OpenDental offers robust scheduling capabilities, allowing receptionists to efficiently manage appointments, reschedule, and track patient visits.

2. Patient Management :

It provides tools for managing patient demographics, treatment history, insurance information, and communication preferences.

3. Clinical Charting :

The software enables dentists to create and maintain detailed electronic dental charts, including diagnoses, treatment plans, progress notes, and imaging.

4. **Billing and Invoicing :** OpenDental facilitates accurate billing and invoicing processes, including insurance claims submission, payment tracking, and financial reporting.

5. **Treatment Planning** : Dentists can develop and present treatment plans to patients, including estimated costs, timelines, and alternatives, helping to improve case acceptance rates.

6. **Electronic Health Records (EHR)** : It offers a centralized repository for storing and accessing patient health records securely, ensuring compliance with healthcare regulations.

7. **Image Management** : OpenDental supports the integration of digital imaging devices, such as intra-Oral cameras and X-ray machines, allowing for efficient capture, storage, and retrieval of patient images.

8. **Reporting and Analytics** : The software generates various reports and analytics to help practices track key performance indicators, monitor productivity, and identify areas for improvement.

9. **Communication Tools** : It includes features for sending appointment reminders, treatment notifications, and other communications to patients via email, SMS, or automated phone calls.

10. **Customization and Integration** : OpenDental offers customization options to tailor the software to the specific needs of each dental practice. It also supports integration with third-party software and services for expanded functionality.

11. **HIPAA Compliance** : The software is designed with security and compliance in mind, helping practices adhere to HIPAA regulations and protect patient privacy.

12. **Support and Training** : OpenDental provides customer support and training resources to help practices optimize their use of the software and troubleshoot any issues that arise.

Overall, OpenDental aims to streamline dental practice operations, improve patient care, and enhance practice profitability through its comprehensive features and user-friendly interface.

OpenDental Installation :

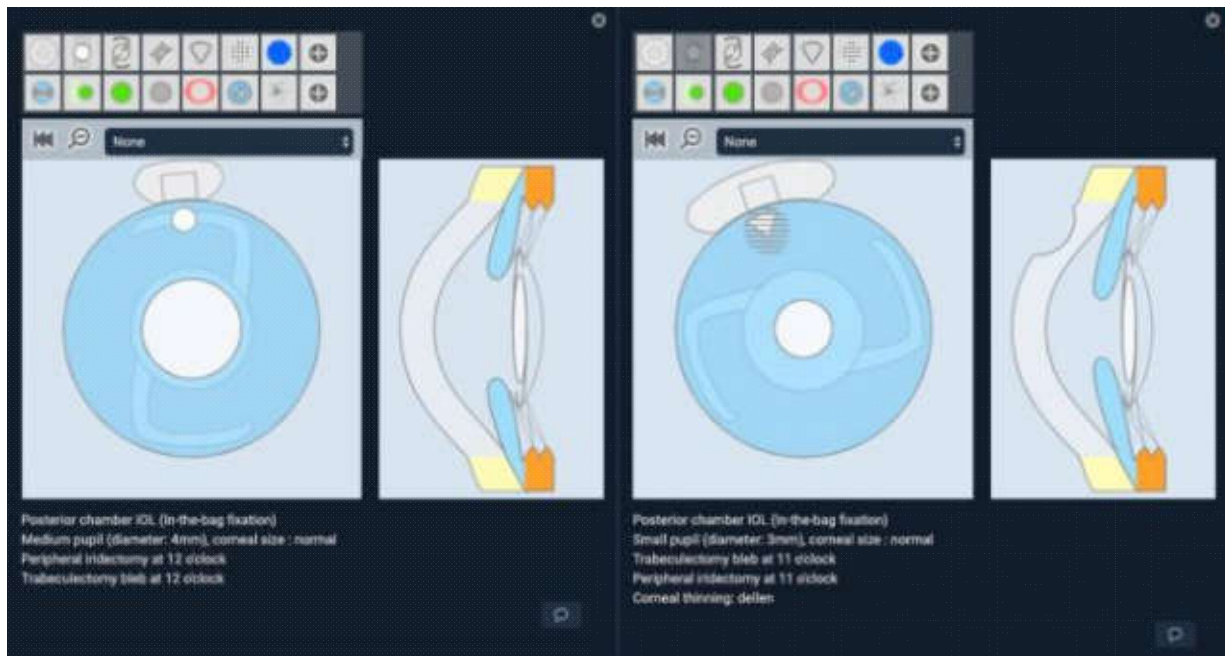
Trial Version Installation charges for openDental on Local = \$2000 only (once).

Monthly Support Fee :

\$249 per month per location or office (12 month contract)

- Includes the software, Whats App support, and update software releases.
- Includes access to the Acquire and Video Capture Imaging Module features.
- Includes access to Web Forms, Patient Portal, eReminders, Automated eThanks Messages, and emailed General Messages.
- After 12 months, the monthly fee goes down to \$219 only.

Open Eyes™ (Linux Based).



OpenEyes™ is the leading open source electronic patient record (EPR) for ophthalmology. It is fast in delivering content, fast to navigate and easy (and fun) to use. OpenEyes™ the EPR that will help you deliver data-driven patient care in the best way possible. OpenEyes™ is owned by the community and not by any individual or corporate entity. It can be customized to suit local needs and will scale to connect, seamlessly, primary and secondary eye care. <https://openeyes.apperta.org/oedetail>

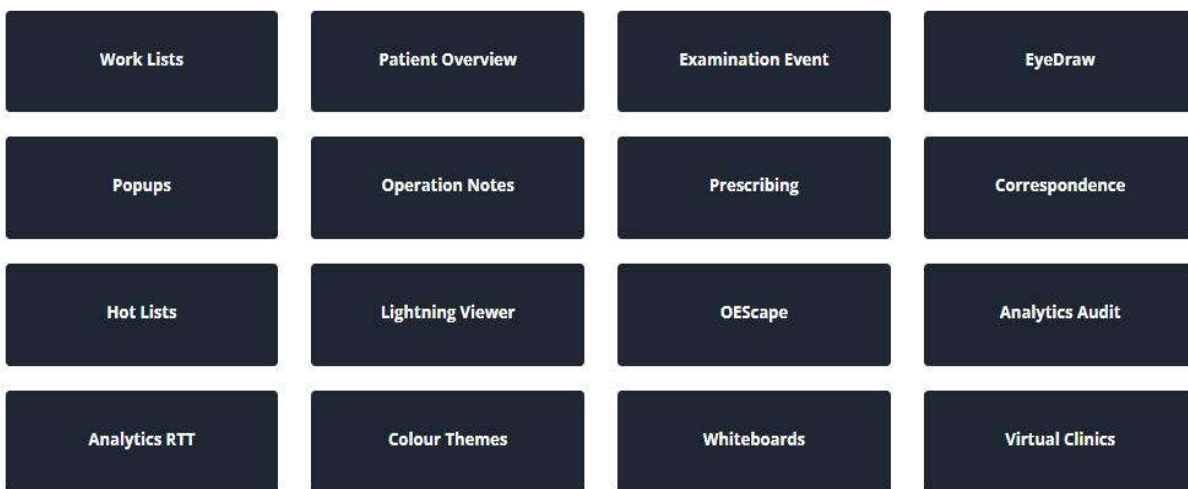
Some of our OpenEyes™ Enterprise Implementations



OpenEyes™ is an electronic patient record application for ophthalmology, developed with contributions from a range of hospitals, institutions, academic departments, companies and individuals. Intuitive to use and fast, it runs in a web browser to ensure that it can be accessed from just about any device in any location. OpenEyes™ will always be available free-of-charge under an open source license, making it a cost-effective option for eye care.

We will ensure that your clinical data integrates with hospital workflows and PACS system and that the connections to devices such as OCT machines or visual field devices are robust.

OpenEyes V3 is fast and fun to use. Some highlighted and more important features.



OpenEyes Installation :

Full version Installation charges for openEyes on Local = \$2000 only (once).

Monthly Support Fee :

\$249 per month per location or office (12 month contract)

- Includes the software, Whats App support, and update software releases.
- After 12 months, the monthly fee goes down to \$219 only.

TeleHealth (Web & Mobile Apps).

TeleHealth has changed the healthcare landscape by enabling clinicians to provide timely and effective care for improved patient outcomes. [DEMO https://kftech.daily.co/healthtracker](https://kftech.daily.co/healthtracker)



// Expanding care

Features for every use case and need

Respond to the needs of today's patients and families. Our modern APIs let you build a diverse array of care experiences so your platform can grow in the evolving care landscape.


- Primary Care +
- Speciality +
- Therapy +
- Group Sessions +
- Webinars and live streaming +

A tablet screen showing a telemedicine video call with a doctor in a white coat and a patient in a small window.

Cut call failure rates in half

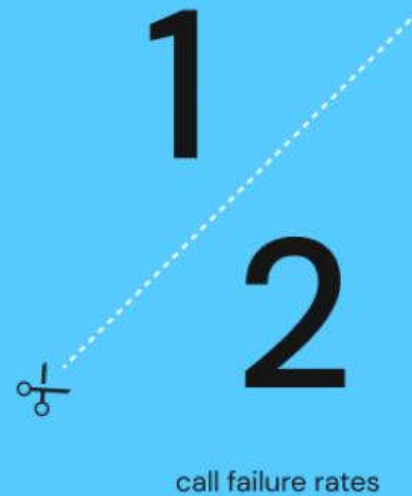
Daily outperforms competitors in objective testing:

 lower video freeze rates and latency

 better performance on cellular data and other challenging networks


Daily also offers the industry's best engineering support, WebRTC dashboard, component libraries, and pre-call test logic.


[Request our benchmarking white papers >](#)



Ready for AI

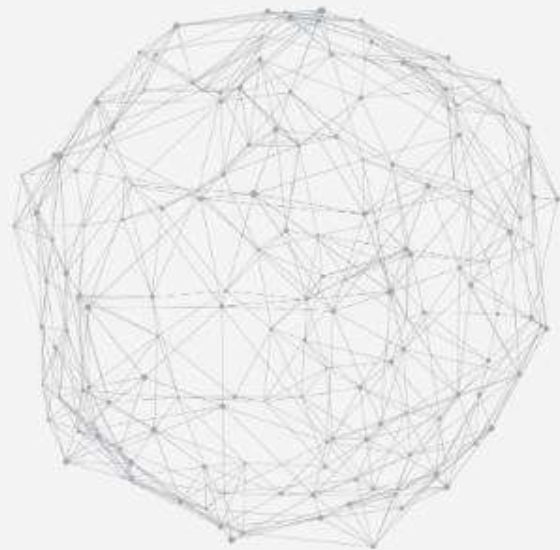
Work with Daily and our partners to build AI-powered workflows:

 HIPAA-compliant transcription, recording, and [AI-powered Clinical Notes API](#)

 LLM-powered data pipelines

 Background blur and background replacement

 Noise cancellation



TeleHealth Salient Features :

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- Ready-to-use video chat interface
- Built-in bandwidth management
- Cross-browser compatibility
- Screen sharing
- Active speaker and grid layout modes
- Text chat
- Emoji reactions
- Hand raising
- Participant list
- Network Analytics display
- Localized interfaces
- Electron compatible
- Recording (paid add-on).
- HIPAA compliance (paid add-on).
- Set Participants Numbers.

>> PRICING :

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- TeleHealth Web App Development = \$10K (without any 3rd Party API)
- TeleHealth Mobile App (Android) Development = \$12K (without any 3rd Party API)
- TeleHealth Mobile App (iOS) Development = \$15K (without any 3rd Party API)

- Telehealth Web App with 3rd Party API = \$6000 only
- Telehealth Mobile App (Android) with 3rd Party API = \$8K
- Telehealth Mobile App (iOS) with 3rd Party API = \$11K
(*Video and Audio Chat 10000 minutes are Free every month*).
(Video and Audio Chat API subscription= \$0.0060 / participant / min).

- TeleHealth 3rd API integration in OpenEMR software = \$1500 only.

- HIPAA Healthcare Add-On Enablement = \$300 / month (12 month Contract).
- Cloud Recording Add-On Enablement = \$0.05 / minute. (12 month Contract).

Note : 50% Advance Payment by Bank Transfer and remaining 50% will be received in two installments during milestones. Delivery Time minimum for Tele-Health Web or Mobile Application 3 - 4 months. Depends on Clients requirements.

DICOM + PACS Server Software.



DICOM (Digital Imaging and Communications in Medicine) is a standard for handling, storing, printing, and transmitting medical imaging information. PACS (Picture Archiving and Communication System) is a system used for storing, retrieving, presenting, and distributing medical images. A DICOM PACS server software, therefore, is a software solution that combines DICOM standards with PACS functionality to manage medical imaging data.

Key components and functionalities of a DICOM PACS server software:

1. Image Acquisition : DICOM PACS server software interfaces with various medical imaging modalities such as X-ray, MRI, CT scan, ultrasound, etc., to acquire digital medical images in DICOM format.

2. Storage : It provides storage capabilities to securely store DICOM images and associated metadata in a centralized repository. This storage may be on-premises or cloud-based, depending on the implementation.

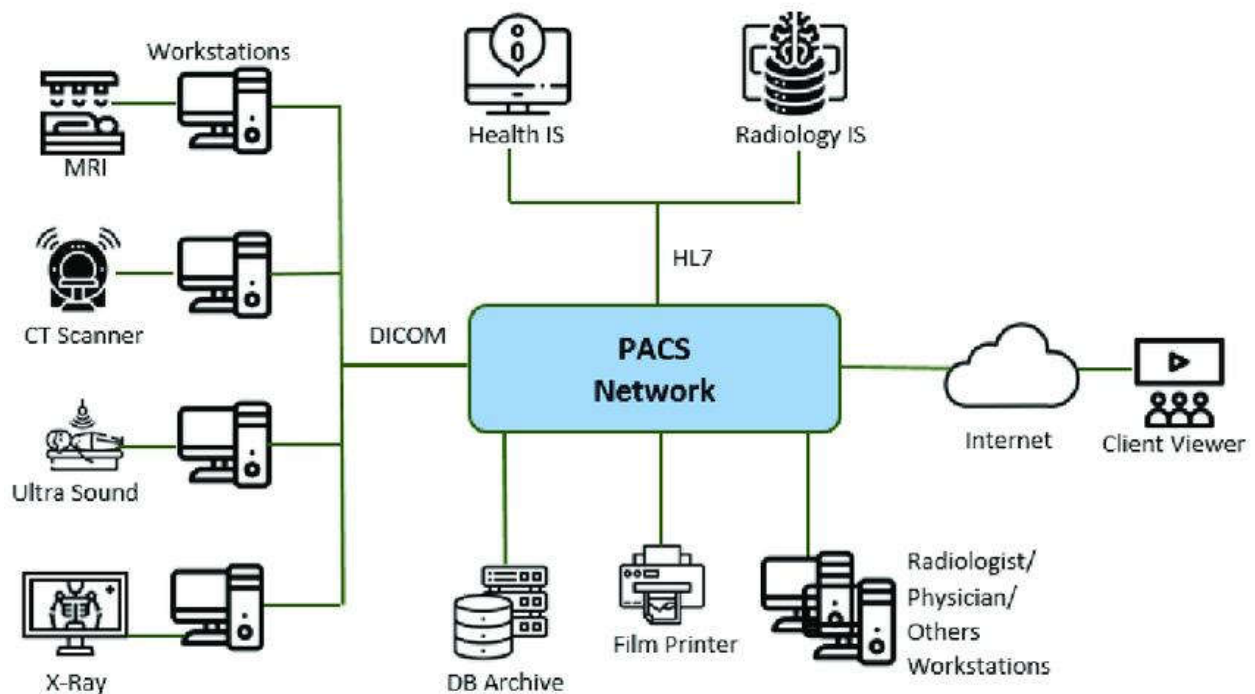
3. Image Viewing: DICOM PACS server software allows authorized users, such as radiologists, clinicians, and specialists, to view medical images from any workstation within the healthcare facility. It typically includes tools for image manipulation, annotation, and measurement.

4. Image Distribution : It facilitates the distribution of medical images to authorized users, departments, or external entities such as referring physicians or consulting specialists. This can be done securely over a network or through other means of transmission.

5. Security and Compliance : It ensures the security and privacy of patient data in accordance with healthcare regulations such as HIPAA (Health Insurance Portability and Accountability Act) by implementing access controls, encryption, and audit trails.

6. Archiving and Retrieval : DICOM PACS server software supports long-term archiving of medical images and provides efficient retrieval mechanisms for accessing historical patient data as needed for diagnosis, treatment planning, and follow-up.

7. Workflow Optimization : It optimizes the radiology workflow by automating tasks such as image routing, prioritization, and reporting, thereby improving efficiency and productivity within the radiology department.



DIOOM + PACS Installation :

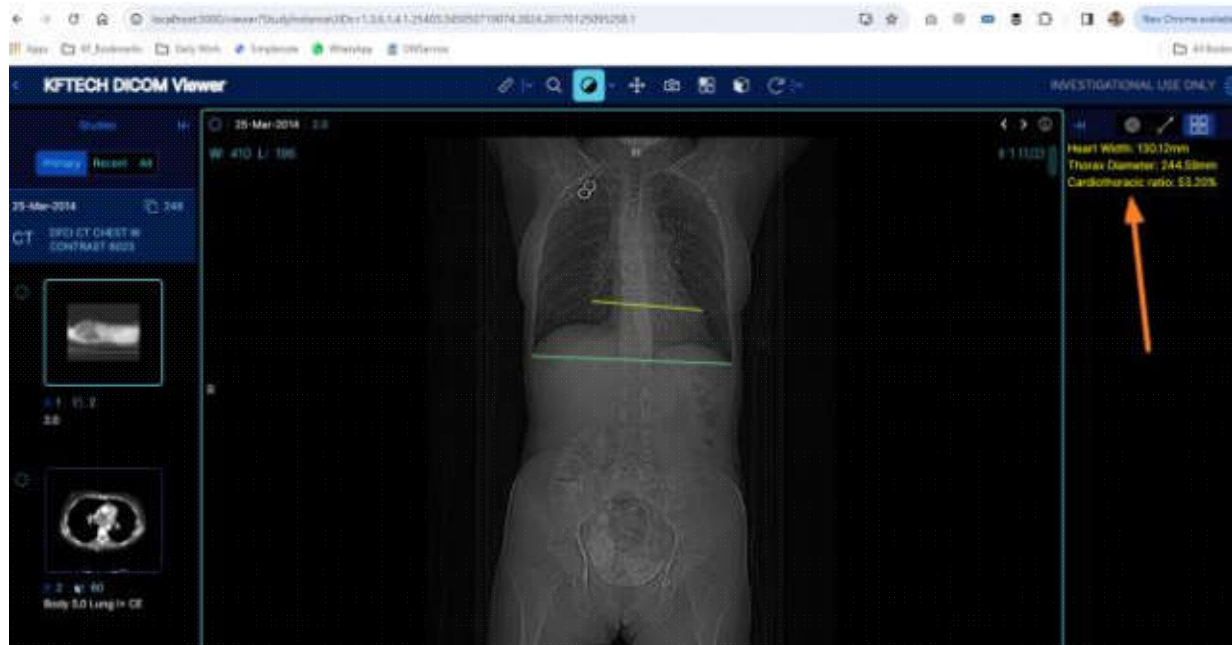
- PACS Server Installation Local or VPS = \$4000 only.
- DICOM + PACS server will be connected with 2 Medical Modality.

Monthly Support Fee :

\$350 per month per location or office and 2 modalities (12 month contract)

- Includes the software, Whats App support, and update software releases.
- After 12 months, the monthly fee goes down to \$225 only.

DICOM Images Viewer Software.



The OHIF Zero-footprint Viewer is an open-source, web-based medical imaging viewer designed to display and interpret DICOM (Digital Imaging and Communications in Medicine) images. It's a versatile tool used by healthcare providers, researchers, and developers for viewing medical images such as X-rays, MRI, CT scans etc. [DEMO https://viewer.ohif.org](https://viewer.ohif.org)

Some salient features of the OHIF Viewer :

- 1. Web-Based Interface :** The OHIF Viewer is accessible through a web browser, allowing users to view medical images from any device with internet access, without the need for specialized software installations.
- 2. DICOM Support :** It supports the DICOM standard, enabling users to load, view, and interact with DICOM images from various imaging modalities. This includes multi-frame DICOM series and associated metadata.
- 3. Multi-Modality Support :** The viewer can handle a wide range of medical imaging modalities, including X-ray, MRI, CT, ultrasound, PET-CT, and more, making it suitable for use across different medical specialties.
- 4. Customizable Layout :** Users can customize the layout and arrangement of image panels, toolbars, and other interface elements to suit their preferences and workflow requirements.
- 5. Annotation Tools :** The viewer provides tools for annotating images, including measurement tools for distance, angle, and area measurements. Annotations can be added to images to highlight specific findings or structures.

6. Image Manipulation : Users can adjust various image parameters such as brightness, contrast, windowing, and zoom levels to optimize image visualization and interpretation.

7. Cross-Platform Compatibility : The OHIF Viewer is built using web technologies such as HTML, CSS, and JavaScript, making it compatible with multiple operating systems (Windows, mac-OS, Linux) and devices (desktops, laptops, tablets, mobile phones).

8. Integration Capabilities : It can be integrated with other healthcare IT systems such as PACS (Picture Archiving and Communication System), EMR (Electronic Medical Records), and RIS (Radiology Information System) for seamless access to patient data and imaging studies.

9. Performance and Scalability : The viewer is designed to deliver fast and responsive performance, even when loading large DICOM datasets or handling multiple users simultaneously. It can scale to accommodate the needs of small clinics to large hospitals.

10. Open-Source and Extensible : Being open-source, the OHIF Viewer allows developers to contribute to its development, customize its features, and integrate additional functionalities as needed. This fosters innovation and collaboration within the medical imaging community.

The OHIF Viewer is a powerful and flexible tool for visualizing and interpreting medical images, offering a user-friendly interface, extensive DICOM support, and Customizable features to meet the diverse needs of healthcare professionals and researchers.

OHIF Configuration with following :

1. AWS S3 Bucket.
2. Orthanc PACS.
3. DCM4Chee.
4. Firebase.
5. DICOM Web Servers.
6. Microsoft Azure.
7. Google Cloud Healthcare API.

OHIF Plugins Development :

1. Cobb Angle Tool.
2. CardioThoracic Ratio Tool.
3. Custom Tools development.



OHIF DIOOM Viewer Installation :

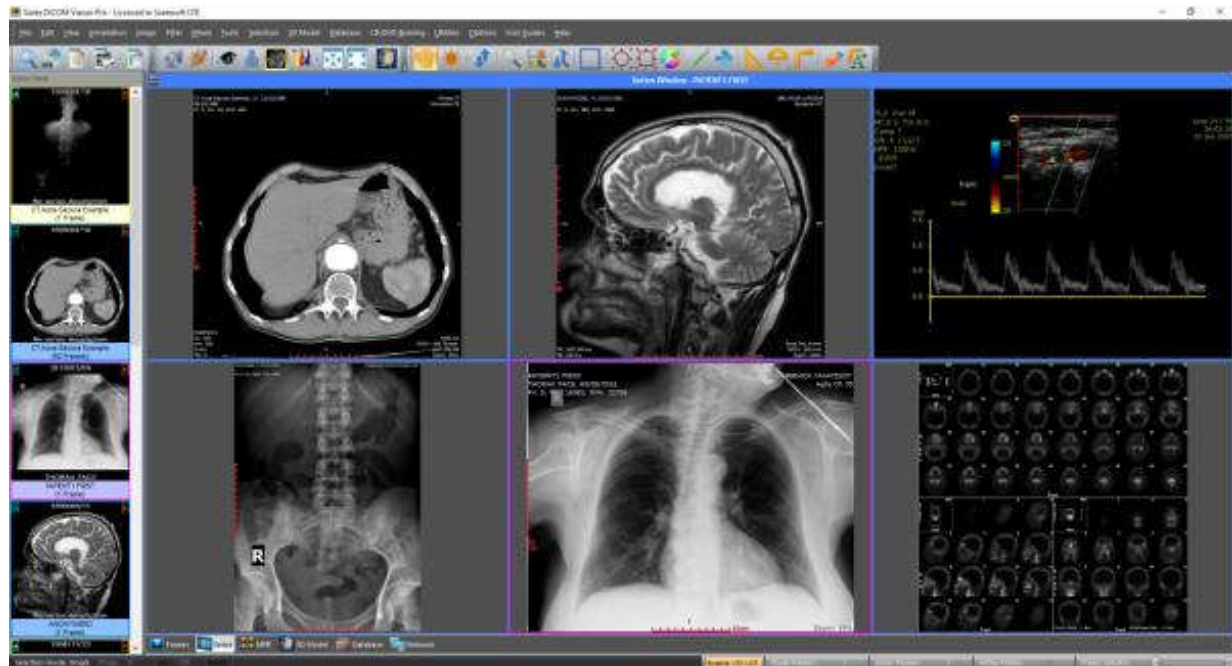
- Installation (Local or VPS) = \$1500 only.
- DICOM Viewer will be connected with 1 PACS Server.

Monthly Technical Support Fee :

\$100 per month per location or office / 1 PACS server (12 month contract)

- Includes the software, Whats App support, and update software releases.

DICOM Images Viewer Professional :



Retrieve, view, store, archive, manage and burn medical images.

DICOM Viewer Pro is a professional DICOM viewer, anonymizer, converter, PACS client, mini PACS server, patient CD/DVD burner (with viewer) and much more. Compatible WIN 11/10/8.1/8/7/Vista and Server 2022/2019/2016/2012/2008. Price Single License \$750 & Site License \$3500 only.

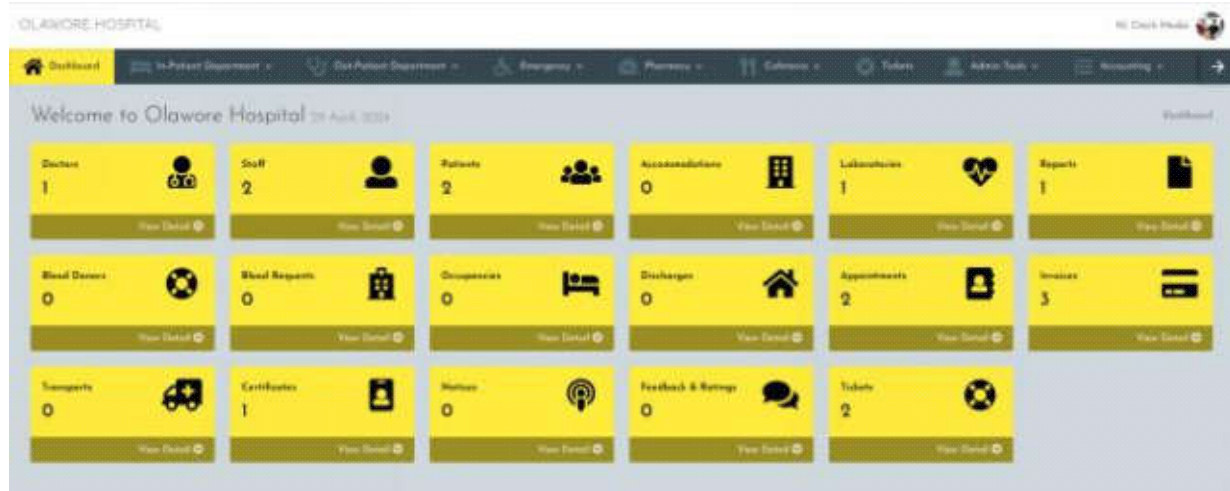
- New, faster graphics engine (Direct2D instead of GDI+)
- TLS support for DICOM network connections
- **OHIF viewer** support (a study can be reviewed with OHIF viewer as well)
- Export network and database search results as CSV files
- Create new study, series and SOP instance UIDs during Anonymizing (user option)
- Memory and speed optimizations

Features and benefits :

- Powerful 2D / 3D DICOM workstation and viewer.
- Perpetual license that never expires.
- Free updates and free for lifetime
- PACS client that supports all the DICOM network services (C-FIND SCU/SCP, C-MOVE SCU/SCP, C-STORE SCU/SCP, C-GET SCU/SCP, C-ECHO SCU/SCP)
- It can be used as a mini PACS server as well (stored patients/studies depends on disk size).
- Migration tool for file transferring from other DICOM viewers
- Command line switches for integration with PACS servers (learn more...)

- Easy to use with native Windows "look and feel"
- Support of all charsets (latin, chinese, japanese, korean, cyrillic, arabic, greek, turkish, etc.)
- Creation of 3D model by the Iso-Surface technique
- Creation of 3D model by the Transfer Function (Volume rendering) technique
- Creation of 3D model by the Maximum Intensity Projection (MIP) technique
- Compatible with all modalities (CT, MR, NM, US, XA, MG, CR etc.), all manufacturers.
- Supports also jpeg, jpeg2000, tiff, png, and bitmap image formats
- Dual monitor support (new in version 10, learn more...)
- Structured Report support (new in version 10.3)
- Built-in DICOM File Editor.
- Support DICOMDIRs (view, open, create, edit, image/series selection for viewing transferring).
- Built-in Anonymizer (Patient data DE-identification, suitable as well for avoiding issues with the GDPR regulation 2016/679 of EU)
- Scout image / localizer support
- Support for Overlays.
- Study comparison side-by-side
- Attachment of PDF report files to studies
- Encapsulated PDF DICOM file support
- Printing to DICOM printers and Windows printers
- Creation of DICOM CD/DVD disks with free DICOM viewer for Windows and macOS
- Support of Epson and Primera CD/DVD Disk Publishers (robots)
- ROI selection tools (free hand, magic wand, eye-dropper, rectangle, circle, ellipse, polygon)
- ROI Statistical analysis (pixel count, min/max/mean value, standard deviation, area, volume)
- Synchronized frame view between the series
- Synchronized level-window between the series
- Synchronized field of view between the series
- Measurement tools (distance, angle, cobb angle, polyline, area, volume)
- Ultrasound region calibration module support (calibrated Ultrasound measurements)
- Annotation texts and arrows.
- Interpolated (smooth) zoom and advanced zoom tools (e.g. zoom dynamic, zoom window)
- Comparison of DICOM files tag by tag
- Built-in Hexadecimal File Editor
- Built-in Hexadecimal DICOM Viewer
- File searching with criteria (patient name, study ID etc.), within hard disk's or CD's folders
- File searching by tag's existence and/or tag's value, within hard disk's or CD's folders
- External DICOM dictionary support
- Image orientation (flip, rotate)
- Image processing filters (blur, sharpening, convolution masks, min/max/median mask etc.)
- Video (WMV) creation with or without annotations
- Batch convert to image formats (JPEG, TIFF, BMP, PNG, etc.)
- Batch Anonymizing, with ability of burned-in annotations removal
- Orthogonal Multi-planar Reconstruction (MPR)

Hospital Information Mgmt Software :



Hospital Information Management Software (HIMS), also known as Hospital Information System (HIS) or Hospital Management System (HMS), is a comprehensive software solution designed to manage various aspects of hospital operations and administration. It integrates multiple functionalities and modules to streamline workflows, improve efficiency, and enhance patient care within a hospital or healthcare facility.

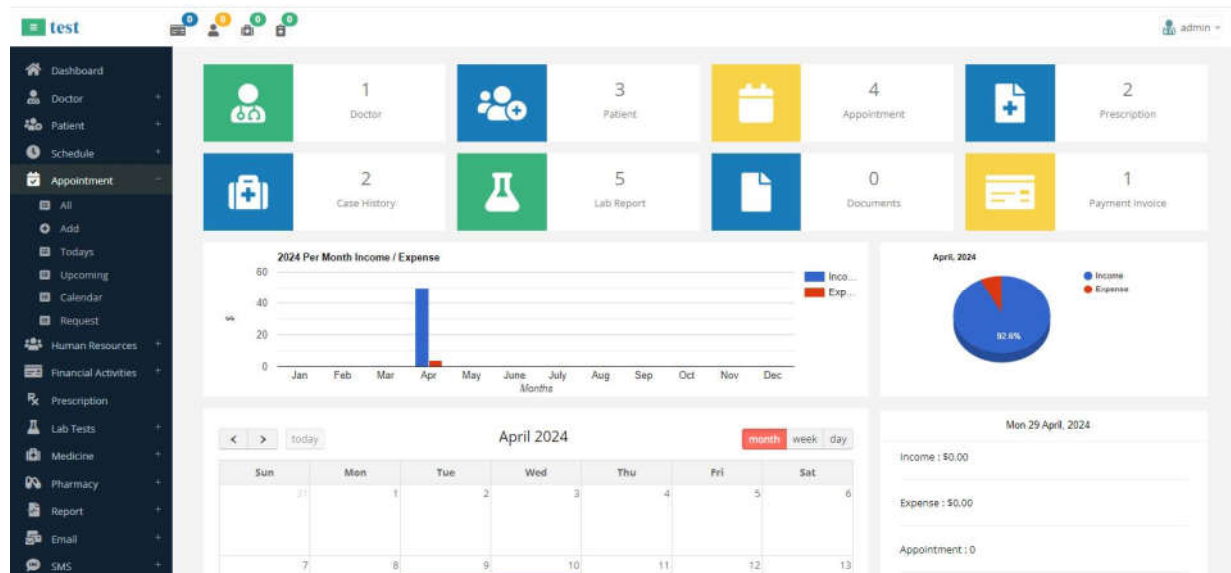
DEMO Link : <https://queuems.ctechmediasolutions.com>
username : admin@admin.com
password : admin

Hospital Software Modules :

- In-Patient Department.
- Out-Patient Department.
- Emergency Department,
- Hospital Pharmacy.
- Hospital Cafeteria.
- Complaint Tickets.
- Miscellaneous.
- Cash Counter.
- Resource Scheduling.
- Admin Tools :
 - Staff Management.
 - Accommodation.
 - Transports.
 - Custom Invoice Items.
 - Departments.
 - Settings.
- Accounting.
- Blood Bank Management.
- Lab Management.

There is no fix price for HIS. Price depends on Client's requirements analysis and after discussing project complexity. We prepare proposal and present to Client.

Clinic Information Mgmt Software :



Clinic Information Management Software (also known as Clinic Management Software or Clinic Information System) is a type of software designed to streamline and automate administrative and clinical tasks in healthcare clinics, medical practices, and outpatient facilities. It serves as a central platform for managing various aspects of clinic operations, patient data, appointments, billing, and more. Here are some key features and functionalities of Clinic Information Management Software.

DEMO Link : <https://clinic.iifatech-product.com/auth/login>

username : admin@dms.com

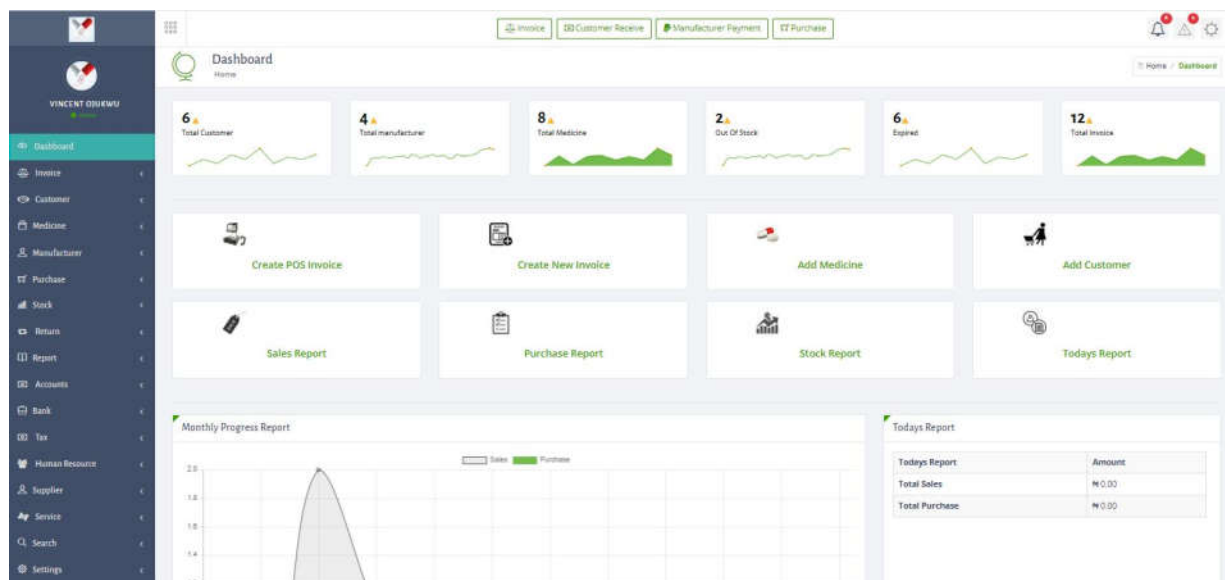
password : 12345

Clinic Software Modules :

- Dashboard.
- Doctor Management.
- Patient Management.
- Scheduling.
- Appointment.
- Human Resources.
- Financial Activities.
- Prescription.
- Lab Tests.
- Medicine.
- Pharmacy.
- Reports.
- Email.
- SMS.
- Website.
- Settings.
- Profile.

There is no fix price for CIS. Price depends on Client's requirements analysis and after discussing project complexity. We prepare proposal and present to Client.

Pharmacy Shop Management Software :



Pharmacy Shop Management Software (PMS), is a software designed for managing the operations of a pharmacy or a pharmacy shop. It helps pharmacists streamline various tasks related to inventory management, prescription processing and customer services.

Pharma
Pharmacy Software Made Easy

- Medicine Management System
- Pos & GUI Invoice System
- Medicine Inventory System
- Medicine Stock Report
- Income & Expense Report
- Supply & Purchase Report
- Complete Accounts System

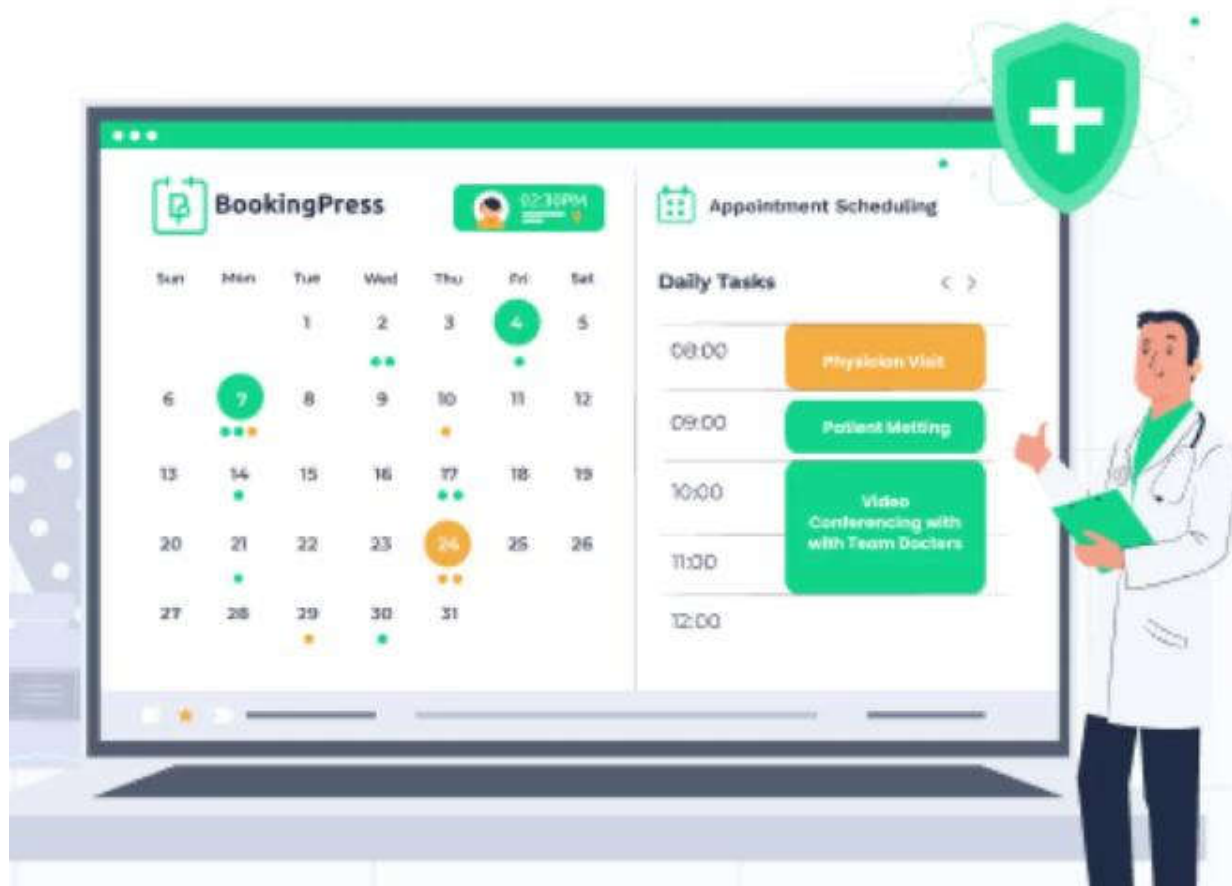
DEMO Link : https://limitlesscrm.net/pharmacy/Admin_dashboard/login

username : admin@gmail.com

password : admin123

Doctor Patient Appointment System :

A doctor-patient appointment system built on WordPress using the Bookly plugin is a web-based solution designed to streamline the process of scheduling and managing appointments between doctors and their patients. Here's how it typically works:



- 1. WordPress Platform :** WordPress serves as the foundation for the system. It provides the framework for building the website and managing its content.
- 2. Bookly Plugin :** Bookly is a popular appointment scheduling plugin for WordPress. It offers a range of features tailored for appointment-based businesses, including doctors' offices.
- 3. Frontend Interface :** The system provides a user-friendly front-end interface where patients can view available appointment slots, select a suitable time, and book an appointment with doctor.
- 4. Customization :** The system can be customized to match the branding and specific needs of the doctor's practice. This may include customizing colors, adding logos, and configuring appointment types and duration.

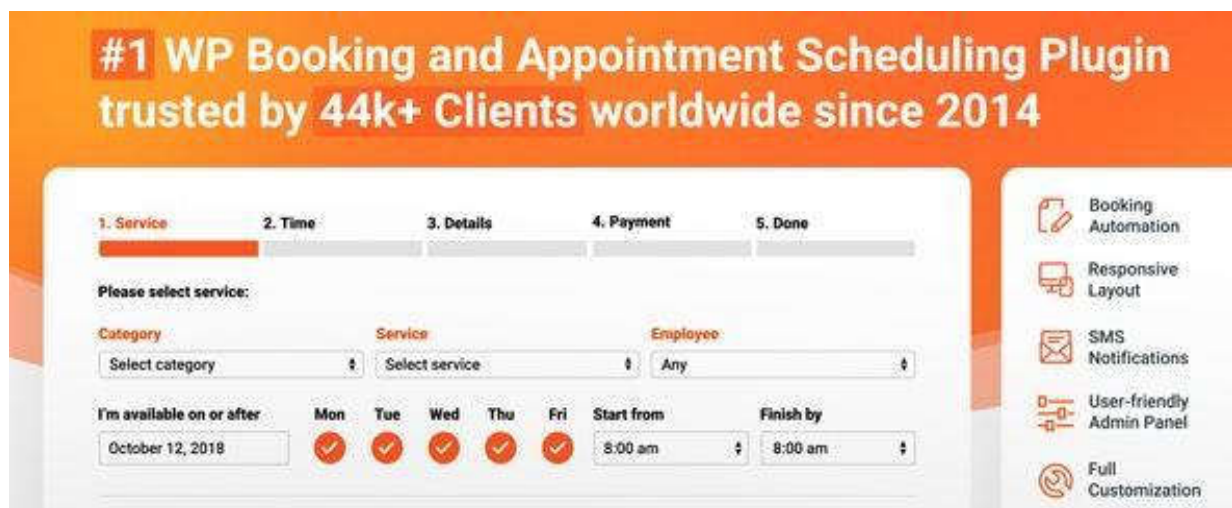
5. Appointment Management : Doctors and clinic staff have access to a back-end dashboard where they can manage appointments, view patient details, and make scheduling adjustments as needed. They can also set their availability, block off time slots for breaks or emergencies, and manage their overall calendar.

6. Automated Reminders : The system can send automated reminders to both doctors and patients to reduce no-shows and improve appointment attendance rates. These reminders can be sent via email or SMS, depending on the configuration.

7. Payment Integration (Optional) : Some implementations may include payment integration, allowing patients to pay for appointments online at the time of booking or upon arrival at the clinic.

8. Reporting and Analytics : The system may offer reporting and Analytics features, enabling doctors and clinic administrators to track appointment metrics, analyze booking patterns, and make data-driven decisions to optimize scheduling efficiency.

Doctor-Patient appointment system using WordPress and the Bookly plugin provides a convenient and efficient way for patients to book appointments with their healthcare providers while helping doctors and clinic staff manage their schedules effectively.



Note : There is no fix price for Appointment Booking System. Price depends on Client's requirements analysis and after discussing project complexity. We prepare proposal and present to Client.

Medical Lab Info Management System :

Enterprise Grade Lab Information Management Software (LIMS) is a specialized software solution designed to manage and streamline laboratory workflows and data management processes. It serves as a centralized system for handling a wide range of laboratory tasks, including sample tracking, data analysis, quality control, and compliance management.



Some key features and functionalities in Senaite LIMS.

1. Sample Management : Software allows laboratories to efficiently manage sample information, including sample registration, tracking, and storage. It supports Barcode labeling, sample accessioning, and chain of custody tracking to ensure accurate sample identification and traceability.

2. Data Management : Software provides a centralized database for storing and managing laboratory data, including test results, experimental data, and associated metadata. It supports version control, audit trails, and data integrity checks to maintain data quality and compliance with regulatory standards.

3. Workflow Management : Software enables laboratories to automate and streamline their workflows, from sample receipt to result reporting. It offers configurable workflow templates, task management tools, and instrument integration capabilities to optimize laboratory processes and minimize turnaround times.

4. Instrument Integration : Software integrates with a wide range of laboratory instruments and equipment to automate data capture and analysis. It supports bidirectional communication with instruments, allowing for seamless transfer of data and results between the LIMS and analytical instruments.

5. Quality Control : Software includes features for managing quality control processes, such as calibration, proficiency testing, and quality assurance. It enables laboratories to monitor instrument performance, track quality control samples, and generate reports to ensure compliance with regulatory requirements.

6. Compliance Management : Software helps laboratories maintain compliance with regulatory standards and accreditation requirements, such as ISO 17025, GLP, CLIA, and FDA regulations. It provides features for documentation management, audit trails, electronic signatures, and compliance reporting to support regulatory inspections and audits.

7. Reporting and Analytics : Software offers robust reporting and Analytics capabilities for generating Customizable reports, graphical dashboards, and data visualizations. It enables laboratories to analyze trends, monitor key performance indicators, and make data-driven decisions to improve operations and research outcomes.

8. User Access Control : Software provides role-based access control to restrict access to sensitive data and functionality based on user roles and permissions. It ensures data security and confidentiality by controlling who can view, modify, or delete information.

Software LIMS offers a comprehensive solution for managing laboratory workflows, data, and compliance requirements effectively, making it a valuable tool for laboratory professionals.



Try SENAITE Lab Software :

NOTE: A **Docker Hub** account is needed. To create account [Click Here](#)

Click on Hyperlink below to get 4 hours to try SENAITE LIMS :

<http://play-with-docker.com/?stack=https://raw.githubusercontent.com/senaite/senaite.docker/master/stack.yml>

A sandbox environment will be created after click "Start" button on above hyperlink. This will take about 2-3 Minutes and the final screen will display a button with the port number 8080 displayed on it. This will open the SENAITE site in your web browser.

NOTE: If the link to port 8080 is not displayed on the site, you have to click the **OPEN PORT** button and enter 8080 in there.

It might be that this site will not load immediately, because the server is still in startup process. Please wait and reload until the SENAITE site appears.

Authentication:

User : admin

Password : admin

SENAITE LIMS Installation :

- Installation (Local or VPS) = \$2500 only.

Monthly Support Fee :

\$150 per month per location or office. (12 month contract)

- Includes the software, Whats App support, and update software releases.

Performance

Eliminate manual or repetitive tasks to increase the efficiency



Process Automation

Amongst other functionalities, SENAITE comes with highly-customizable workflows to drive users through the analytical process, easy-to-use UI for data registration, automatic import of results, data validation and transition constraints.



Equipment Integration

SENAITE can be easily integrated with instruments by using off-the-shell interfaces for data import and export. Custom interfacing is supported too. Import instrument results and avoid human errors in the carrying over process.



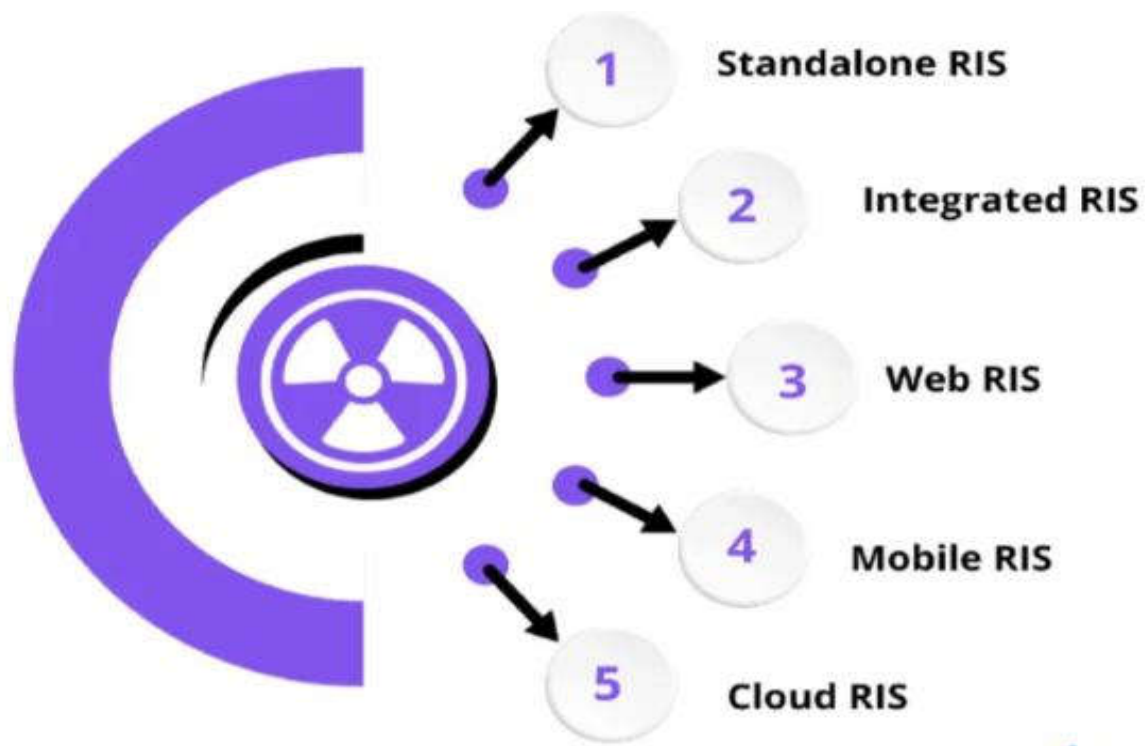
Turnaround Time

Reduce the turnaround time on results reports delivery. Assign priorities to samples and due dates for tests, plan and assign the daily work by using worksheets and keep track of delayed tests immediately.

Radiology Information Management System :

RIS is an acronym for Radiology Information System. As the name implies, a RIS is a software program that facilitates patient workflow throughout a radiology department. Before RIS systems were developed, everything was done by hand. Everything was paper-based, from scheduling books to daily logs to manually created productivity reports. Not only was this very time consuming, it also opened the door to human error.

There are several types of radiology information systems, such as -



- **Standalone RIS** : A standalone system manages all the radiology tasks for one organization. It cannot connect with other healthcare systems.
- **Integrated RIS**: It integrates with other healthcare information systems (like EMR and PACS). Such RIS facilitates a better overview of a patient's medical history.
- **Web RIS**: Anyone with an active internet connection can log onto this RIS. It is accessible through a web browser.
- **Mobile RIS**: These RIS systems are responsive and run on mobile devices. Users can access these systems on the go.
- **Cloud RIS**: A cloud-based radiology information system is an RIS hosted on a cloud server. A third-party vendor often handles the maintenance of this system. They usually leverage cloud-computing technology in healthcare.

What are the Core Components of Radiology Information System ?

Implementing an RIS can help your workforce streamline processes accurately. You will also be able to reduce medical errors and transcription mistakes in charts. It helps to coordinate care across departments. Send updates from the imaging department to the patient's primary healthcare provider. Apart from this, there are a lot of other functionalities of RIS. It could include :

- Registration,
- Scheduling,
- Billing and reporting,
- Simplifying processes.

Top core components of the radiology information system :

- **Patient Management :**

RIS keeps patient history records and helps in booking, scheduling, and order tracking. It eliminates the need for manual paper-based documentation.

- **Reporting :**

With RIS, you can generate digital reports providing timely and valuable insights. It helps find any bottlenecks, trends, and other key markers. Perfect for optimizing the workflows and performance.

- **Image Storing and Tracking**

The system simplifies tracking images from medical imaging devices and related patient datasets. Store medical images from imaging devices and other patient details on the database.

- **Billing**

This component helps maintain patient billing information and issue electronic invoices. As a result, you can minimize the risks of declined or delayed payments.

- **Data Analytics and Sharing**

With RIS, you can :

- Generate reports on no-show patients.
- Track radiologist workload.
- Track the dollar volume of exams
- and other vital aspects of the radiology department life-cycle.

These reports provide invaluable insights to find gaps in healthcare processes. Sharing actionable insights with concerned stakeholders is much simpler now.

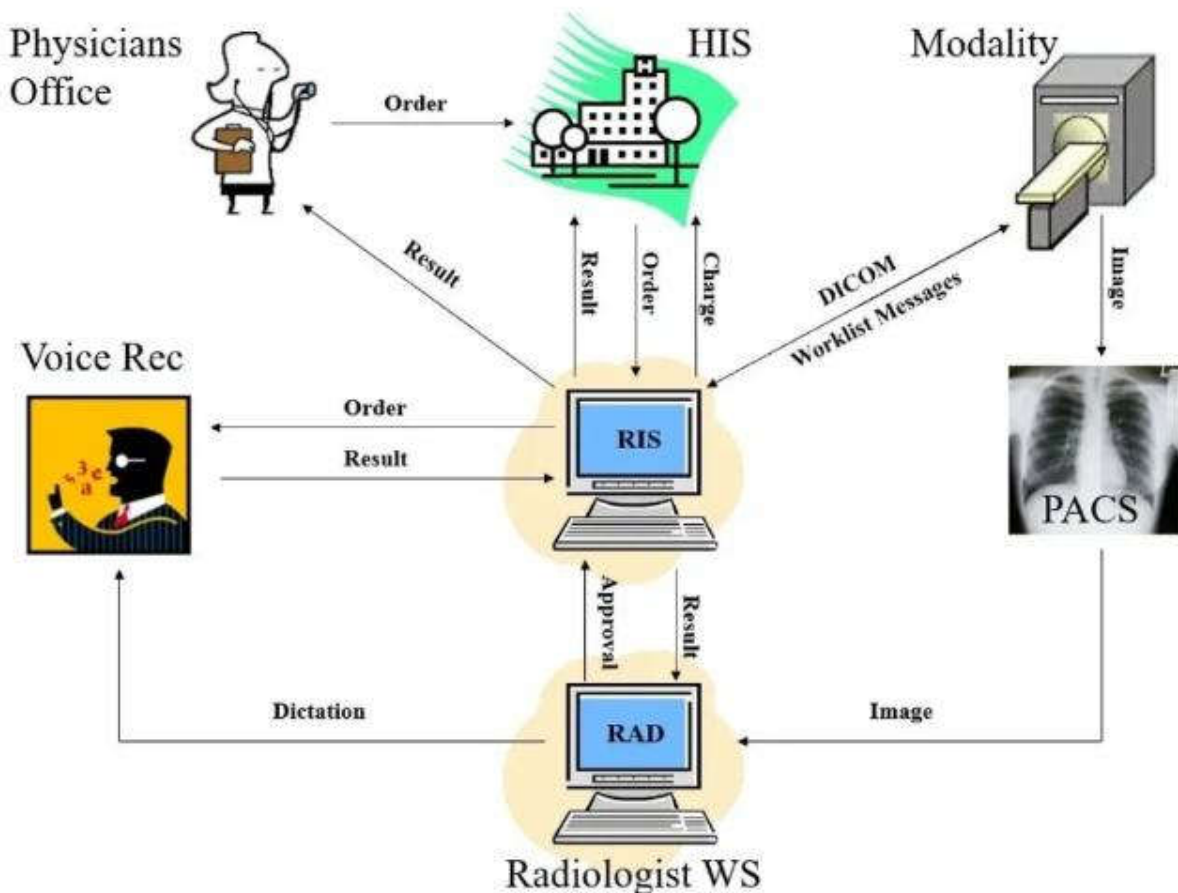
- **HIPAA Compliance Mechanisms**

The radiology software deals with sensitive patient information, like names and personal details. It must follow the Health Insurance Portability and Accountability Act (HIPAA) rules. The Act is in place to protect people's privacy.

Your RIS system should include security measures to avoid breaking HIPAA rules. There might even be severe penalties for negligence. Some basic steps to safeguard involve :

- automatic backups,
- logging off when not in use,
- and end-to-end data encryption.

RIS/PACs Workflow



RIS Installation or DEMO:

- There is no ready-made software, We analyze and develop after getting Client's project requirements and delivery time will be normally 5-6 months.

RIS Development Cost (Estimated Not Fix) :

Dedicated Team will be hired for project and Cost will be almost US \$25K.

- Includes the software development, User Manual and Technical Documentation.

Healthcare Information Exchange & Database Migration Services (ETL) :

Health Information Exchange (HIE) and Database Migrations are both crucial components in the realm of healthcare data management, albeit serving different purposes.



Health Information Exchange (HIE) :

Health Information Exchange (HIE) refers to the electronic sharing of healthcare-related information among different healthcare organizations, such as hospitals, clinics, laboratories, pharmacies, and other healthcare providers. The primary goal of HIE is to facilitate the secure and interoperable exchange of patient health information across disparate systems and organizations, thereby improving the quality, safety, and efficiency of healthcare delivery.

Key features and benefits of HIE include :

- 1. Interoperability :** HIE enables different healthcare systems and applications to communicate and exchange data seamlessly, regardless of the underlying technology or vendor.
- 2. Patient Centric Care :** HIE allows healthcare providers to access comprehensive and up-to-date patient health records from various sources, enabling more informed clinical decision-making and coordinated care delivery.

3. Reduced Duplication and Errors : HIE helps eliminate redundant tests, procedures, and paperwork by providing access to shared patient information, reducing the risk of medical errors and improving healthcare efficiency.

4. Continuity of Care : HIE promotes continuity of care by ensuring that relevant patient information is available to healthcare providers across different care settings, such as hospitals, primary care offices, and specialty clinics.

5. Public Health Surveillance : HIE supports public health initiatives by facilitating the timely exchange of health data for disease surveillance, outbreak detection, and population health management.

Database Migrations :

Database migration refers to the process of transferring data from one database system or schema to another, typically to upgrade to a new database platform, consolidate multiple databases, or restructure the existing database architecture. In the context of healthcare IT, database migrations are often performed to modernize legacy systems, implement new applications, or comply with regulatory requirements.

Key considerations and best practices for database migrations include:

1. Data Mapping and Transformation : Before migrating data, it's essential to analyze the existing data schema, map data fields between the source and target databases, and implement any necessary data transformations or conversions to ensure data compatibility and integrity.

2. Testing and Validation : Database migrations should be thoroughly tested in a controlled environment to verify data accuracy, completeness, and consistency before deploying changes to production systems. Testing should include both functional and performance testing to identify and address any issues or bottlenecks.

3. Backup and Rollback : It's crucial to create backups of the source data and maintain rollback procedures in case of migration failures or data corruption. This ensures that data can be restored to its original state in the event of unforeseen issues during the migration.

4. Data Governance and Compliance : Database migrations should adhere to data governance policies and regulatory requirements, such as HIPAA (Health Insurance Portability and Accountability Act) in the United States, to protect patient privacy and maintain data security throughout the migration process.

5. Documentation and Communication : Comprehensive documentation should be maintained throughout the migration project, including migration plans, data mapping specifications, testing results, and post-migration procedures. Effective communication with stakeholders is essential to ensure transparency and alignment with business objectives.

In summary, Health Information Exchange (HIE) facilitates the electronic sharing of healthcare data among different organizations, while database migrations involve transferring data between database systems or schemas to support system upgrades, modernization efforts, and regulatory compliance in healthcare IT environments.



HIE / Database Migration Project Initiation Process :

To initiate a Health Information Exchange (HIE) or database migration project for a client in the healthcare sector, We need to gather several key pieces of information to ensure a successful and smooth transition. Here's a list of essential information that we need from the client:

1. Current System Details :

- Information about the client's existing systems and infrastructure, including the types of databases (e.g., MySQL, SQL Server, Oracle) and applications in use.
- Details about the current data storage architecture, including data formats, schemas, and any data transformation processes currently in place.

2. Scope of Work :

- A clear understanding of the client's objectives and goals for the HIE or database migration.
- Specific requirements, such as the scope of data to be migrated, timelines, budget constraints, and any regulatory or compliance considerations.

3. Data Inventory :

- An inventory of the types of data stored in the client's systems, including patient health records, medical images, laboratory results, demographics, and other relevant information.
- Information about the volume and complexity of the data to be migrated, including any data quality issues or inconsistencies that may need to be addressed.

4. Data Mapping and Transformation :

- Detailed data mapping specifications that define how data elements in the source system correspond to those in the target system.
- Requirements for data transformation, cleansing, and normalization to ensure data integrity and compatibility between systems.

5. Integration Requirements :

- Any integration requirements with external systems, such as electronic health record (EHR) systems, laboratory information systems (LIS), radiology information systems (RIS), or third-party applications.
- Specifications for data exchange protocols, standards, and formats, such as HL7, DICOM, FHIR, or other interoperability standards.

6. Security and Privacy :

- Requirements for data security, access control, encryption, and compliance with privacy regulations, such as HIPAA (Health Insurance Portability and Accountability Act) or GDPR (General Data Protection Regulation).
- Any specific security measures or certifications required for handling sensitive healthcare data.

7. Testing and Validation :

- Plans for testing and validating the migration process, including test scenarios, data validation procedures, and acceptance criteria.
- Requirements for staging environments, testing environments, and production cutovers to minimize disruption to operations.

8. Training and Support :

- Training needs for end-users, administrators, and IT staff involved in managing the new system or using HIE functionalities.
- Support and maintenance requirements after the migration or implementation phase, including ongoing technical support, updates, and system monitoring.

9. Documentation and Communication :

- Documentation requirements, including migration plans, technical specifications, data dictionaries, and user manuals.
- Communication channels and protocols for regular updates, status reports, and project milestones throughout the engagement.

By gathering this comprehensive information upfront, We can ensure that the HIE or database migration project is well-defined, properly scoped, and aligned with the client's requirements and expectations.

There is no fix price for HIE or DB Migration. Price depends on Client's requirements analysis and after discussing project complexity. We prepare proposal and present to Client.

HL7 messaging and Interoperability Solutions.

HL7 (Health Level Seven) messages and interoperability play critical roles in facilitating the exchange of health information between different healthcare systems and applications.

The advertisement features a photograph of two women in a professional setting, one in a yellow shirt and one in a dark shirt, looking at a laptop. A large blue and black curved graphic element is overlaid on the right side of the image. The KFTech logo is positioned at the top right, followed by the headline 'Looking For HL7 Integration Services?' and the text 'We offer HL7/FHIR point-to-point as well as popular interface engine based integration'.

HL7 Messages :

HL7 messages are a standardized format used for transmitting healthcare-related data between different systems, such as electronic health record (EHR) systems, laboratory information systems (LIS), radiology information systems (RIS), pharmacy systems, and other healthcare applications. HL7 is a set of international standards developed by the HL7 organization to promote interoperability and the seamless exchange of health information.

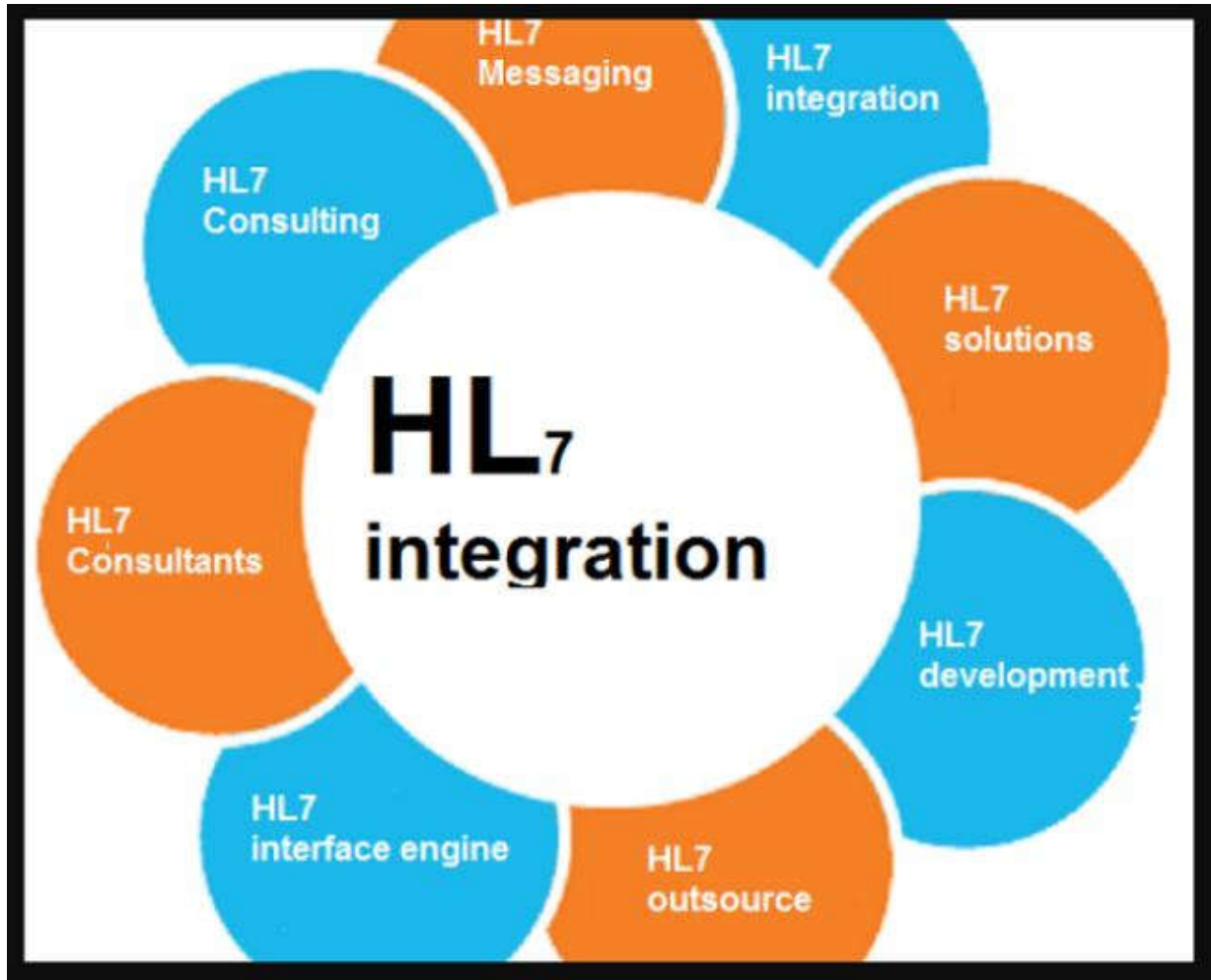
HL7 messages typically consist of structured data elements organized into segments, fields, and components, following specific message structures defined by HL7 standards. These messages can convey a wide range of information, including patient demographics, clinical observations, laboratory results, diagnostic images, medication orders, and administrative data.

There are several versions of the HL7 standard, including HL7 v2.x and HL7 v3. HL7 v2.x is the most widely used version and is based on text-based, pipe-delimited messages. HL7 v3

is based on XML and is designed to be more robust and semantically rich, but it has seen less adoption compared to HL7 v2.x.

Interoperability :

Interoperability refers to the ability of different healthcare systems, applications, and devices to seamlessly exchange and use health information effectively. It involves not only technical standards like HL7 but also organizational, semantic, and workflow considerations to ensure that data can be shared, understood, and used across disparate systems and settings.



Interoperability enables healthcare providers to access comprehensive and up-to-date patient information from various sources, regardless of the vendor or technology used. It supports continuity of care, care coordination, and informed decision-making by ensuring that relevant health information is available when and where it's needed.

Interoperability can be achieved at different levels, including:

- **Foundational Interoperability** : Ensuring basic connectivity and data exchange capabilities between systems.
- **Structural Interoperability** : Ensuring that data exchanged between systems follows a common format or structure, such as HL7 messages or other standardized formats.

- **Semantic Interoperability** : Ensuring that exchanged data has shared meaning and can be understood and interpreted consistently across systems, regardless of the terminology or code systems used.

Achieving interoperability requires collaboration among healthcare stakeholders, including healthcare providers, technology vendors, standards organizations, policymakers, and regulatory agencies. It involves addressing technical, organizational, regulatory, and cultural barriers to data exchange and collaboration to realize the full potential of health information technology in improving patient care and outcomes.

In summary, HL7 messages and interoperability standards play essential roles in enabling the seamless exchange of health information and promoting interoperability across disparate healthcare systems and applications. They provide the foundation for connected, patient-centered care and support the delivery of high-quality, coordinated healthcare services.

HL7 Messages Format Conversion Services :

HL7 messages format conversion services are specialized tools or software solutions designed to facilitate the transformation of HL7 messages between different versions of the HL7 standard or between HL7 and other healthcare data exchange formats. These services play a crucial role in enabling interoperability and data exchange between disparate healthcare systems and applications that may use different versions of the HL7 standard or non-HL7 formats.

The diagram illustrates the conversion of HL7 messages into various data formats. It features a central box with the text "HL7 : To" on the left and "Healthcare IT Solutions" on the right. Below this, there are six icons representing different data formats: JSON (purple document icon), XML (orange document icon), Excel (green Excel icon), SQL (blue database icon), CSV (green Excel icon), and PDF (red document icon). At the bottom right, there is a box with the text "KFTECH HL7 interoperability services".

HL7 Message Conversion Services

HL7 : To Healthcare IT Solutions

JSON XML Excel SQL CSV PDF

KFTECH
HL7 interoperability services

Key features and capabilities for HL7 format conversion services :

1. HL7 Version Conversion :

These services support the conversion of HL7 messages between different versions of the HL7 standard, such as HL7 v2.x and HL7 v3. This includes parsing HL7 messages in one version, interpreting their data elements, and generating equivalent HL7 messages in another version.

2. HL7 to Other Formats Conversion :

In addition to HL7 version conversion, these services may support the conversion of HL7 messages to other healthcare data exchange formats, such as XML, JSON, or CSV. This enables integration with systems and applications that may use non-HL7 formats for data exchange.

3. Other Formats to HL7 Conversion :

Conversely, these services may also support the conversion of non-HL7 formats to HL7 messages. This allows healthcare organizations to ingest data from external sources, such as medical devices, sensors, or third-party applications, and transform it into HL7 messages for integration with their internal systems.

4. Mapping and Transformation :

HL7 messages format conversion services often include tools or capabilities for mapping and transforming data elements between different message formats. This may involve defining mapping rules, data translations, and data validations to ensure that the converted messages adhere to the target format's requirements.

5. Validation and Error Handling :

HL7 messages format conversion services typically include validation and error handling features to ensure data integrity and quality throughout the conversion process. This may involve checking message syntax, semantics, and compliance with HL7 standards, as well as handling errors and exceptions gracefully.

6. Integration and Interoperability :

HL7 messages format conversion services are integrated into healthcare IT ecosystems and interoperable with other systems and applications through standard interfaces, protocols, and APIs. This enables seamless data exchange and interoperability across diverse healthcare environments.

NOTE :

There is no fix price for HL7 Integration, HL7 Interoperability and HL7 Format Conversion. Price depends on Client's requirements analysis and after discussing project complexity. We prepare proposal and present to Client.

LMS Radiology Learning Mgmt System :

An LMS (Learning Management System) for radiology, also known as a Radiology Learning Management System (Radiology LMS), is a specialized software platform designed to facilitate the management and delivery of radiology education and training programs. These systems are tailored to the unique needs of radiology departments, residency programs, medical schools, and continuing education providers, offering a comprehensive suite of features to support teaching, learning, and assessment in the field of radiology.



Some key features and functionalities typically offered by LMS platforms specifically designed for radiology education:

- 1. Course Management :** Radiology LMS platforms allow administrators to create, manage, and deliver radiology courses and learning modules. They provide tools for organizing course content, scheduling classes, and setting prerequisites.
- 2. Content Authoring and Repository :** These systems often include built-in authoring tools or support for integrating content from external sources. Radiology educators can create multimedia-rich learning materials, such as lectures, presentations, case studies, and interactive simulations, and store them in a centralized content repository.
- 3. Virtual Classroom :** Radiology LMS platforms may offer virtual classroom capabilities, allowing instructors to conduct live or recorded online lectures, webinars, and interactive sessions. Students can participate in real-time discussions, ask questions, and collaborate with peers.
- 4. Learning Resources and Libraries :** Radiology LMS platforms provide access to a wide range of learning resources, including textbooks, journals, articles, videos, images, and reference materials

relevant to radiology education. These resources are often curated and organized to support specific learning objectives and curriculum requirements.

5. Assessment and Evaluation : These systems enable instructors to create and administer assessments, quizzes, exams, and practical exercises to evaluate students' knowledge and skills in radiology. They support various question types, automated grading, and feedback mechanisms to provide learners with timely feedback on their performance.

6. Competency Tracking and Progress Monitoring : Radiology LMS platforms allow administrators and instructors to track learners' progress, monitor their competency development, and generate reports on learning outcomes. They may include competency frameworks, learning plans, and performance dashboards to support competency-based education and training.

7. Collaboration and Communication : Radiology LMS platforms facilitate communication and collaboration among learners, instructors, and administrators through discussion forums, messaging systems, and social learning features. They foster a sense of community and enable knowledge sharing and peer support among radiology learners.

8. Integration with PACS and Imaging Systems : Some advanced Radiology LMS platforms offer integration with Picture Archiving and Communication Systems (PACS) and imaging modalities, allowing learners to access real patient cases, medical images, and diagnostic studies for educational purposes. This integration enhances the realism and relevance of radiology education and training.

Radiology Learning Management Systems play a vital role in modernizing radiology education, providing learners with flexible, interactive, and engaging learning experiences while supporting the evolving needs of radiology educators and training programs.



KFTECH RAD LMS :
provides invaluable
education of radiologists
and trainees

Technology Stack :
Moodle | OHIF | PHP Laravel
DICOM + PACS Server Software

NOTE : There is no fix price for Radiology LMS System. Price depends on Client's requirements analysis and after discussing project complexity. We prepare proposal and present to Client.

Patient Tele Monitoring Solutions (IoMT).

Patient Tele-Monitoring Solutions, also known as IoMT (Internet of Medical Things) in the healthcare context, are technological systems designed to remotely monitor patients' health status, vital signs, and medical data outside of traditional healthcare settings, such as hospitals or clinics. These solutions leverage interconnected medical devices, sensors, and communication technologies to collect and transmit patient data in real-time, enabling healthcare providers to monitor patients remotely, make timely interventions, and provide personalized care.



Patient Tele-Monitoring - Key components and features :

- 1. Medical Devices and Sensors :** Patient Tele-Monitoring solutions utilize a variety of medical devices and sensors to capture relevant health data from patients. These devices can include wearable fitness trackers, smartwatches, blood pressure monitors, glucometers, pulse oximeters, ECG monitors, and other remote monitoring devices.
- 2. Data Collection and Transmission :** The collected health data, such as vital signs, activity levels, medication adherence, and symptom data, are transmitted securely to a central monitoring platform or healthcare provider's system using wireless communication technologies, such as Wi-Fi, Bluetooth, or cellular networks.
- 3. Central Monitoring Platform :** Patient Tele-Monitoring solutions typically include a centralized platform or dashboard where healthcare providers can access and review patient data in

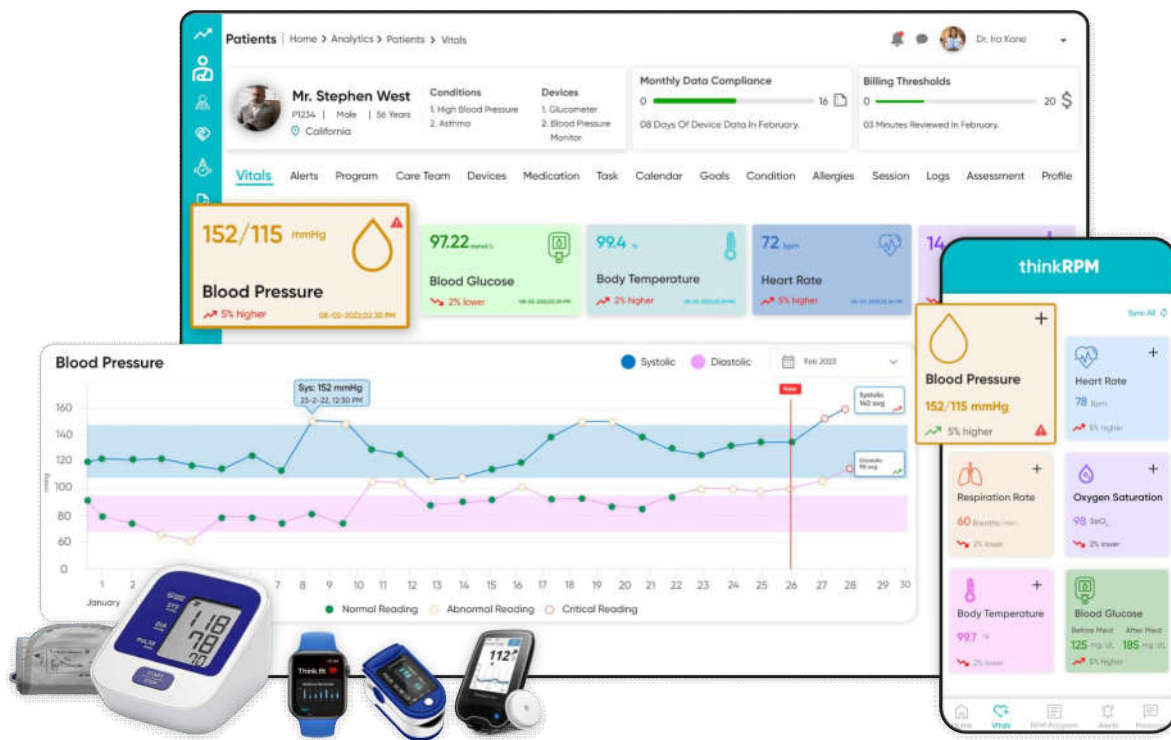
real-time. This platform may feature Customizable dashboards, alerts, and Analytics tools to facilitate data interpretation and decision-making.

4. Remote Patient Monitoring : Healthcare providers can remotely monitor patients' health status, trends, and adherence to treatment plans using patient Tele-Monitoring solutions. They can track changes in vital signs, symptoms, and medication adherence, identify potential health issues or deteriorations early, and intervene as needed to prevent complications or hospitalizations.

5. Alerts and Notifications : Patient Tele-Monitoring solutions can generate automated alerts and notifications to healthcare providers in response to predefined thresholds or abnormal patterns detected in patient data. These alerts enable timely interventions and clinical decision-making, reducing the risk of adverse events and improving patient outcomes.

6. Data Integration and Interoperability : Patient Tele-Monitoring solutions may integrate with electronic health record (EHR) systems, health information exchanges (HIE), and other healthcare IT systems to ensure seamless data exchange and interoperability. This integration enables healthcare providers to access patient data within their existing workflows and enhances care coordination.

7. Scalability and Flexibility : Patient Tele-Monitoring solutions are scalable and adaptable to various clinical settings, patient populations, and care pathways. They can be customized to meet the unique needs and requirements of different healthcare organizations, specialties, and use cases.



NOTE : There is no fix price for Patient Tele-Monitoring. Price depends on Client's requirements analysis and after discussing project complexity. We prepare proposal and present to Client.