

Healthcare

Solutions Overview

Achieving a Total Experience
in Connected Health Services
through Digital Transformation

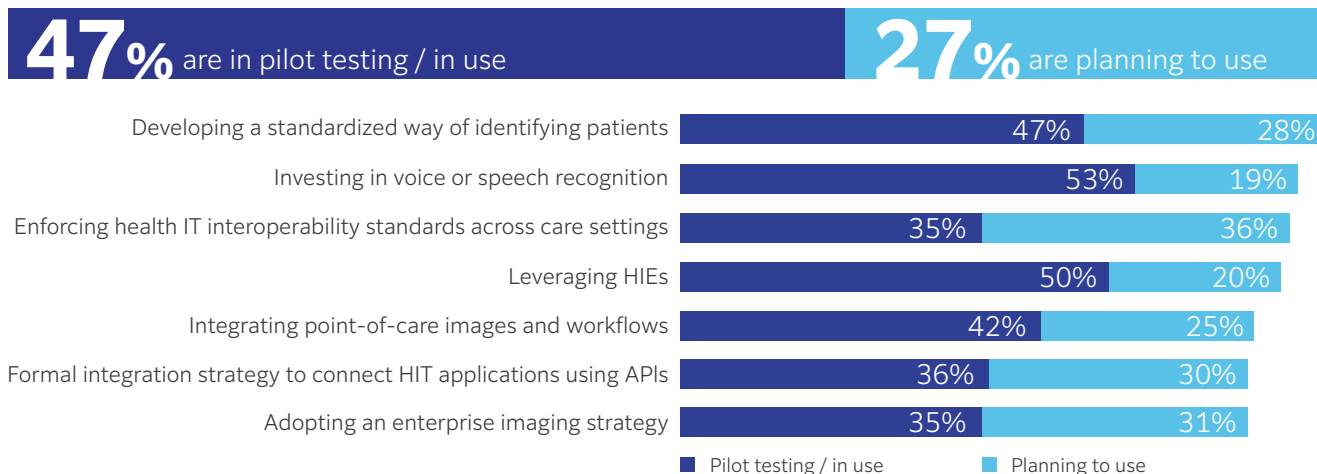


Contact us for a
free consultation

Electronic Medical Records: Future-proofing Healthcare Services

Hospitals of the future are adopting digital transformation toward Electronic Medical Records (EMR). A survey of healthcare industry leaders* shows 74% of the respondents moving towards pilot testing of digital systems or planning to use EMR to improve the connected healthcare experience.

Moving to a single, integrated EMR



*Source: HIMSS Connected Care and the State of Interoperability in Healthcare Research 2020

Starting Your Digital Transformation with EMR

Clinical Document System

HIM systems, records management systems and other departmental content management applications are a mix of scanned PDF or Word-based documents, registration forms and referral documents

Physical Storage Media

Medical images or documents archived on or transported from other providers including CDs, DVDs, USB drives and tape media

Patient-generated Data

Health data generated by sensor-based or biometric devices (e.g. smart scales, blood pressure cuffs, A1C monitors, etc.) which monitor health and wellness remotely

Isolated Modality Stations

Isolated modalities (such as ultrasound devices) are often used to capture images at the point-of-care. These imaging studies do not always have standard radiology orders associated with them and can be difficult to track and manage

Mobile Devices

Visible-light images (e.g. wound photo) captured by clinicians on enterprise-issued smartphones, tablets or other mobile devices at the point-of-care

PACS / VNA

These systems store DICOM-based radiology and cardiology images (e.g. MRIs, CT scans, etc)

Specialty Imaging Systems

Common to departments such as Dermatology, Gastroenterology, Ophthalmology, Pathology, and more, these systems store non-DICOM visible-light image files (e.g. JPEG, AVI, MPEG)



FUJIFILM Business Innovation Hong Kong | Your Trusted Partner in Digital Transformation

We focus on health informatic technologies that promote healthcare transformation and have a significant impact on the entire sector.



Capture

Automate multi-channel captures of physical and electronic content from various sources



Process Automation

Automate tasks, distribute work and manage processes



Content & Video Management

Organize, manage and optimize non-DICOM content for reduced TCO enterprise-wide



Enterprise Imaging

Optimize DICOM and Non-DICOM content for improved clinical decisions and reduced TCO enterprise-wide



Patient Communications

Automate creation and distribution of personalized correspondence



Collaboration

Securely share and collaborate on processes, documents and content



Medical Report Output System (MROS)

The smart way to share radiology images with lower costs

MROS can reduce operational costs by improving manual processes and eliminating non-medical operations. It also reduces the need for chemical-based film processing and equipment, with positive impacts on the environmental aspects of daily operations.



Clinicians

- Streamline human resource operations and processes
- Enhance efficiency and precision
- Eliminate manual work and human errors in reporting
- Reduce the usage of traditional film to achieve cost saving and sustainability
- Enhance the professional brand image and patient experience



Patients

- Reduce waiting time in medical imaging
- Patients do not need to bring bulky medical films and reports to the hospital
- Report booklets and DVD/ USB can enhance communications between doctors and patients, enabling patients and their families to have a better understanding of their health status

How Does It Work?

STEP 1 : Connect MROS with medical equipment



CT Scan



X-Ray



MRI



Ultrasound



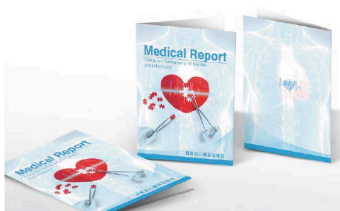
PACS

STEP 2 : Convert raw data into high-resolution photos



- High-resolution radiology images
- Quick and easy sharing
- Automatically produce booklets and self-labeled DVD / USB
- Vendor neutral – able to connect all kinds of modalities
- Create your own clinician workflows based on your requirements

STEP 3 : Produce medical reports



Medical Reports

(with DICOM images and doctors' reports)



Personalized Reports

(DVDs/ Secure USBs)



Doctors' Portals

Bringing Innovation to Radiology

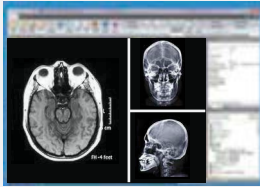
Before



Manual Workflows

Time-consuming, risk of errors

1



Develop films

2



Print reports

3



Print DVD labels and burn CDs

4



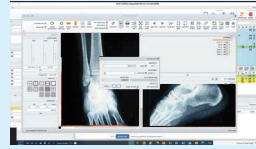
Manual insertion of all hardcopies and labels

After



Fully Automated Workflows

1



MROS to connect all kinds of modalities

2



Automatic imposition by different exam type

3



Generate reports (booklets and DVD/USB with labels) once all files are ready

What Our Customers Say

“

We believe that **FUJIFILM Business Innovation Hong Kong's MROS DICOM solution** is well aligned with Hong Kong Baptist Hospital's mission of providing holistic and high-quality hospital services to the community and rendering high quality medical facilities and hospital environments.

With MROS, patients no longer need to bring along different and bulky medical films and reports to the hospital for consultations.

”

Abstract from our company's sustainability report published in 2016

Scan to learn more



Top Manager
of a Private Hospital



Clinical Management System (CMS)

Our CMS helps healthcare practitioners to manage clinical information and patient care services with digital transformation.

Integrated . Comprehensive . Scalable

- Manage your patient records in a central system
- Create workflows for general practitioners and specialists
- Fully integrated with government connections (e.g. LAAM)
- Natively work with a DICOM broker (e.g. FujiFilm Synapse DMWL)



**Radiologist
Imaging Report**



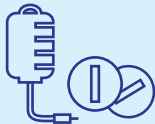
**Mobile
& IM**



**Booking &
Schedule**



**Patient
Record**



**Drugs &
Consumables
Management
Check-in & Queue**

Booking Dashboard

Appointment ID	Location	Appointment Date	Appointment Time	Appointment Status	Appointment Type	Appointment Category	Appointment Sub-category	Appointment Description	Appointment Notes
123456	1234	2023-10-20	10:00	Booked	General Practice	General Practice	General Practice	General Practice	General Practice
123457	1234	2023-10-20	10:30	Booked	General Practice	General Practice	General Practice	General Practice	General Practice
123458	1234	2023-10-20	11:00	Booked	General Practice	General Practice	General Practice	General Practice	General Practice
123459	1234	2023-10-20	11:30	Booked	General Practice	General Practice	General Practice	General Practice	General Practice
123460	1234	2023-10-20	12:00	Booked	General Practice	General Practice	General Practice	General Practice	General Practice



Registration

Reporting Tools

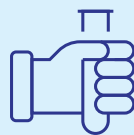
Report ID	Report Name	Report Date	Report Time	Report Status	Report Type	Report Category	Report Sub-category	Report Description	Report Notes
123456	Health Check Report	2023-10-20	10:00	Booked	General Practice	General Practice	General Practice	General Practice	General Practice
123457	Health Check Report	2023-10-20	10:30	Booked	General Practice	General Practice	General Practice	General Practice	General Practice
123458	Health Check Report	2023-10-20	11:00	Booked	General Practice	General Practice	General Practice	General Practice	General Practice
123459	Health Check Report	2023-10-20	11:30	Booked	General Practice	General Practice	General Practice	General Practice	General Practice
123460	Health Check Report	2023-10-20	12:00	Booked	General Practice	General Practice	General Practice	General Practice	General Practice



**Patient
Dashboard**



**Nurse
Note**



**Lab
Order**



Consultation

Support Your Clinic Workflows

- Appointments Scheduler
- Queue Management
- Consultations
- Lab Orders
- Radiology Orders
- Pharmacy
- Billing
- Patient Records
- Reports
- Connectors (DICOM broker)
- LAAM x eHRSS Integration

Electronic Meal Ordering System (eMOS)

In-patients' food and beverage ordering through mobile app with allergy control

Our eMOS is designed to take allergies or dietary restrictions into account. It helps environmental efforts by lowering paper waste in addition to food allergy and safety concerns.



Nurses

- In-patient food and beverage monitoring with nurses' interface
- Safeguard food allergies and other dietary restrictions
- Optional: Connect with the hospital accounting system and Kitchen Management Dashboard



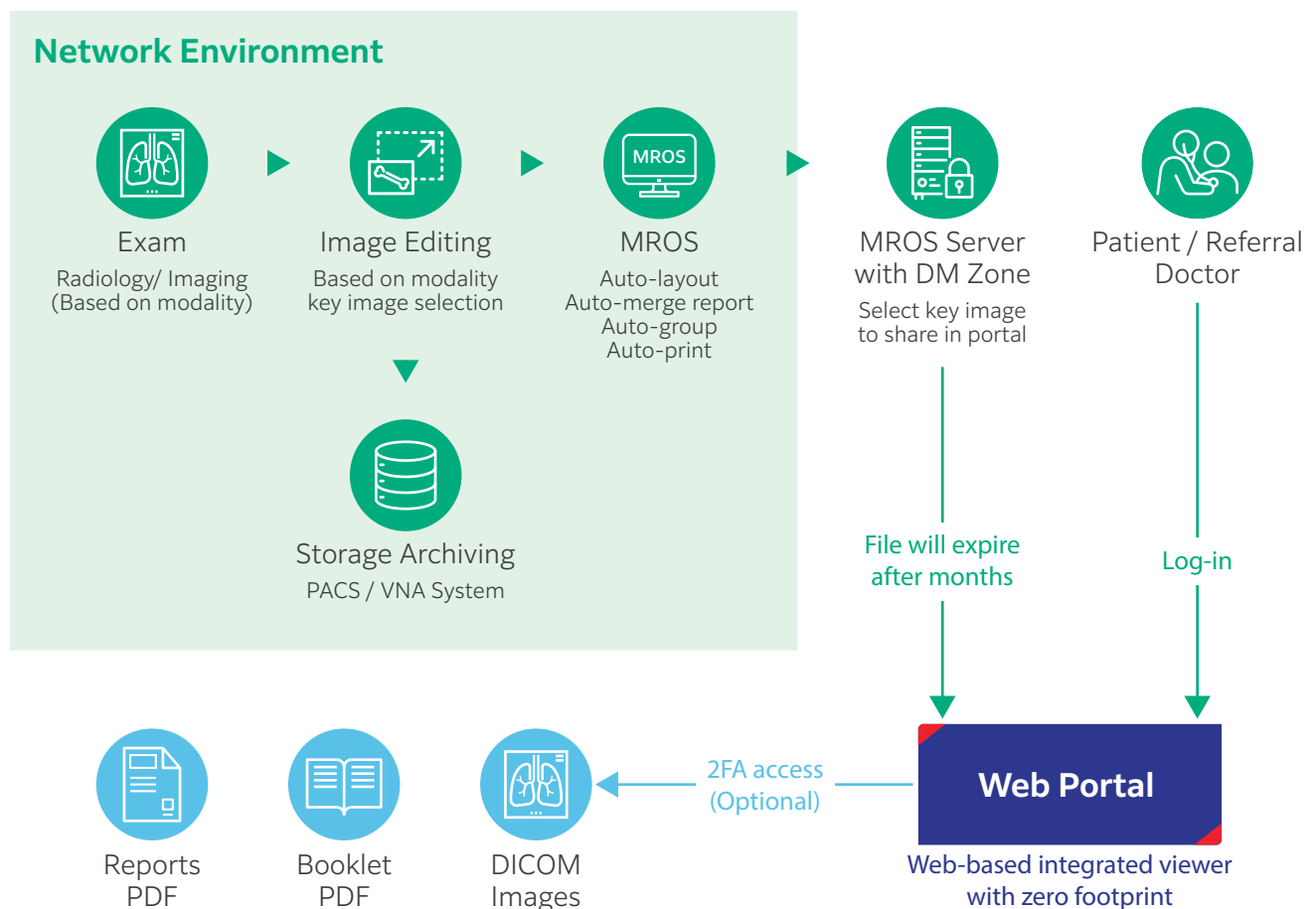
Patients

- Easy to place orders through mobile app

Doctor's Portal

External access link to important data for quick decision-making

- Archive patient's medical history in a secured way
- Quick assess to latest exams (e.g. images and reports)



Electronic Form with Self-service Kiosk

Submit information to the hospital using a QR code and a mobile form

- Use the HL7 protocol to link all hospital systems together
- Self-service kiosk allows patients to complete the consensus form or change their information
- 100% intranet with private data security

Optional:

- Able to connect with iAM Smart (智方便) for Government authorization
- Web form with modalities to collect structure data automatically

Self-service Kiosk



- Scan HKID card
- Verify data with hospital system and confirm booking
- All information is protected and can only be used for verification purposes on the hospital's intranet



Scan QR Code for Self Registration

- Patient can scan QR Code fill-up forms with self mobile device with pre-filled demographic data
- Intelligent selection of forms by examination, patient sex and age



Patient Self-registration Kiosk

Professional Services . Automated Process . Customer Experience



Reduce Human Error

The accuracy rate of the recognition and identification reaches up to 99.8% of platform. Fewer errors via integrating with electronic health record system by auto-filling of completed eform to HMS



Streamline Admin Workflow

Transfer data capture process to kiosk and free up hospital / clinic staff to focus on higher-value interactions and service with patient

Reduce Patient Waiting Time

Reduction of queues at reception / kiosk by re-direct the form filling process to patients' own mobile device



Automation

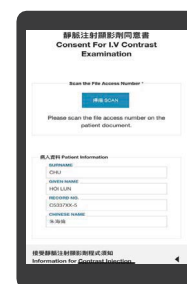
Automatic generation of consent forms set by examination type and patient's demographic data automatically



E-Consent Form System

Promote Smart Applications for e-healthcare

- Reduced Operational Costs
- Enable Your Mobile Workforce
- Paper and Form Cost Savings
- Instant Access to Data



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