



HealthNet

SEAMLESS HEALTH INFORMATION EXCHANGE



HealthNet

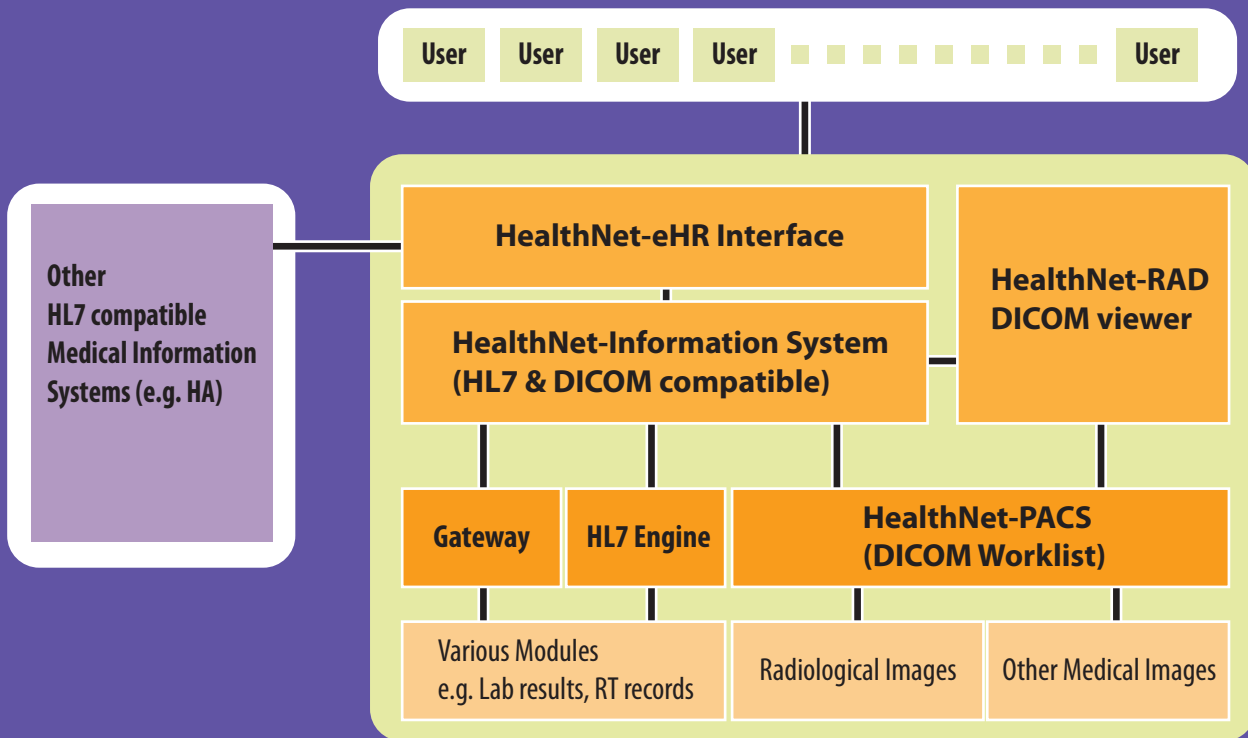
Product Overview

HealthNet is a scalable, reliable, and integrated Hospital Information System (HIS) and Picture Archiving and Communication System (PACS). The scale of HealthNet can start from a small clinic to a hospital. It is a system compatible with major international standards, HL-7 and DICOM 3.0, for health information exchange.

With self-developed HL-7 server engine, HealthNet is an information system capable to accept various types of medical information into the system and transcript the information accurately for use by all healthcare practitioners. HealthNet can be a stand-alone or a communicating system. It consists of an electronic health record (eHR) interface for seamless information exchange with other hospital systems. HealthNet is also DICOM 3.0 compatible which consolidates a hospital's entire collection of medical imaging including CT, PET/CT, MRI, CR/DR and Ultrasound and integrates with sophisticated workflow for radiology. As such, HealthNet gives healthcare practitioners, especially radiologists and clinicians the tools to make fast, informed diagnoses and more confident clinical decisions.

With web-based technology available, users can access HealthNet information system anywhere with internet browser. In addition, security token, VPN and customized security solution can be added to enhance system security. Built-in DICOM image viewer provide quick access to digital images, intuitive image manipulation and various diagnostic tools-all designed for the way radiologists prefer to work. With tele-consultation and tele-radiology, patient management has become more versatile among multiple sites or even overseas.

Architecture of HealthNet Medical Informatic Solution



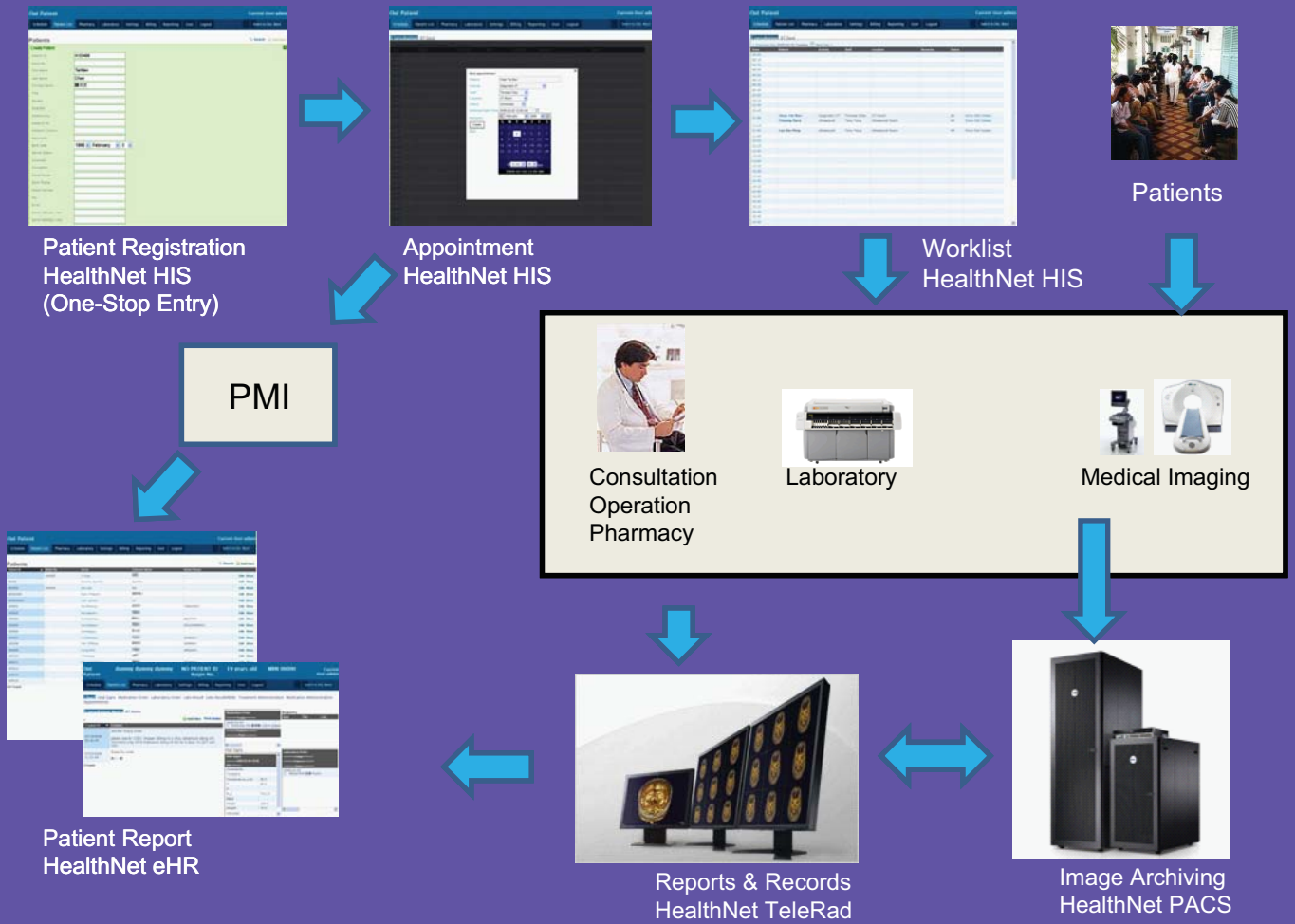
Standardization

HL-7 and DICOM standard server engines support various types of files, as well as all types of image files. Such standards enable consistency of data and information.

Enhanced Efficiency

Fast image retrieval and full access to an integral database of current and historical images. Advanced ability to label and to display preferred image collections that help to streamline the workflow and promote efficiency.

Workflow



Cost Reduction

Filmless digital imaging eliminates substantial cost, reduces manpower and saves storage space for managing film records.

Greater Accuracy

Integrated systems reduce transcription errors, eliminate duplication of data, and prevent report overlapping.

HealthNet System v2.0

- Web-based solution (access anywhere)
- Image-server clustering (approach zero downtime solution)
- Appointment scheduling
- Single point patient data entry and distribute to all imaging modules
- Nursing module
- Radiological reporting function
- Built-in DICOM image viewer
- Platform for image viewing function
- Billing function
- Consultation module

HealthNet PACS v3.0

- DICOM images storage
- Image-server clustering (approach zero downtime solution)
- Full-integration with international standard information system (HL-7 interface)
- Scheduled studies synchronisation
- Web-based remote access
- Direct fetching patient data from Information System (DICOM Worklist function)
- Storage of different formats of key images
- Radiological reporting function
- DICOM-RT compatible



Powerful tools at your fingertips

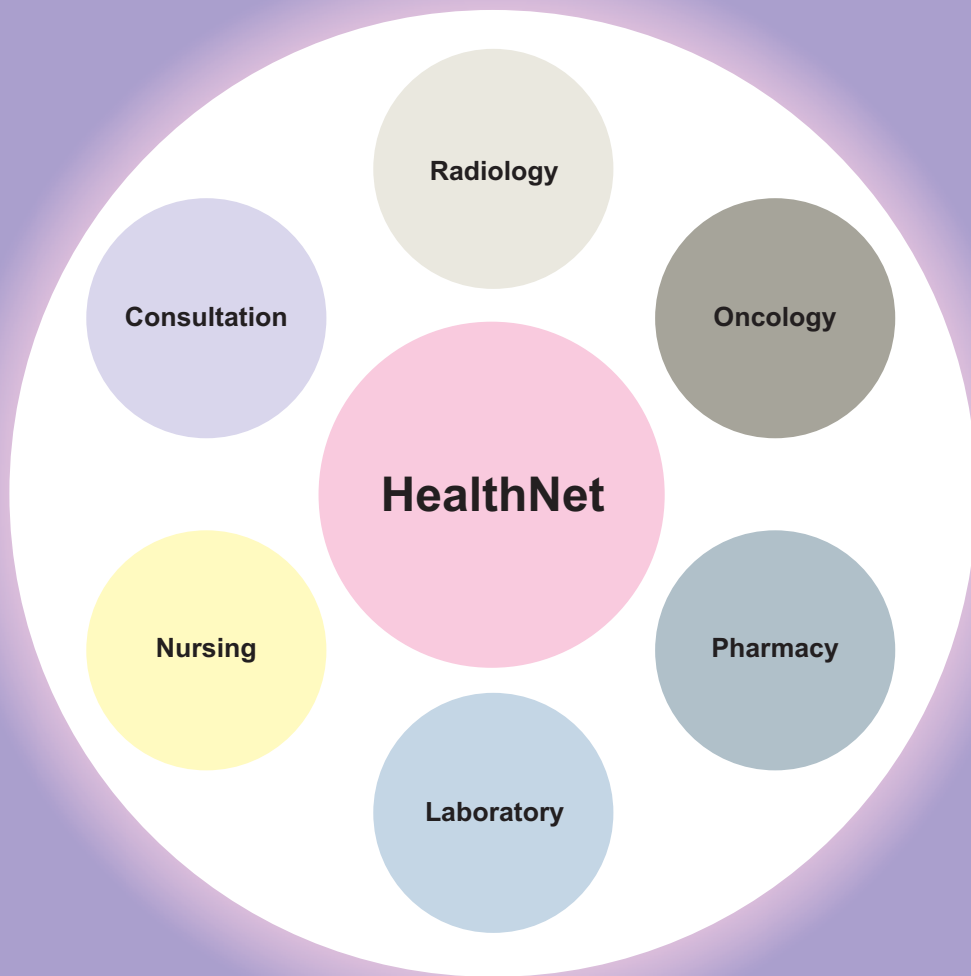
Integrated 3-D image rendering, image manipulation and an HL7 engine to support interfaces with third-party analysis tools make it possible for radiologists to work easily in one space, without juggling multiple applications and hardware.

HealthNet Dicom Gateway v1.0

- Encrypted unit for HL-7 & DICOM 3.0 standard integration
- DICOM Image Workflow Manager
- DICOM Worklist Server

HealthNet-Rad

Integrated 3-D image rendering, image manipulation and an HL7 engine to support interfaces with third-party analysis tools make it possible for radiologists to work easily in one space, without juggling multiple applications and hardware.



HealthNet

The HealthNet intuitively responds to the day-to-day needs of your radiological imaging centre and other clinical departments, providing the sophisticated tools and support for complex processes that can help medical imaging play a more integral role in diagnosis and treatment.

HealthNet Medical Informatic Solution

Feature	HealthNet Solution
HealthNet PACS v3.0	
DICOM images storage	✓
Dual-server image mirroring (approach zero downtime solution)	✓
Integration with international standard information system (HL-7 interface)	✓
Scheduled studies synchronization	✓
Web-based remote access	✓
Direct fetching patient data from Information System (DICOM Worklist function)	✓
Storage of different formats of key images	✓
Radiological reporting function	✓
DICOM-RT compatible	✓
Image sharing capability at DICOM standard with DICOM viewer	✓
HealthNet DICOM Gateway v1.0	
Encrypted unit for HL-7 & DICOM 3.0 standard integration	✓
DICOM Image Workflow Manager	✓
DICOM Worklist Broker	✓
HealthNet System v2.0	
Web-based solution (access anywhere)	✓
Dual-server image mirroring (approach zero downtime solution)	✓
Appointment scheduling	✓
Single point patient data entry and distribute to all imaging modules	✓
Nursing module (Chemotherapy)	✓
Radiological reporting function	✓
Built-in DICOM image viewer	✓
Platform for image viewing function	✓
Billing function	✓
Consultation module	✓
Capable to connect to other HL-7 compatible information systems (e.g. HA)	✓
Diagnosis Module (ICD9 and ICD10 coding)	✓
Pharmacy module	✓
Customized laboratory result (Laboratory instrument integration capable)	✓
Unicode Support	✓
Laboratory Auto-Billing	✓
Diagnostic Imaging Order	✓
XStream System v3.0	
Web-based high speed DICOM Viewer for radiological reporting	✓
Web-based DICOM image viewer for clinical users	✓
Overseas access capability	✓
Security Solution	
Roaming VPN Client	✓