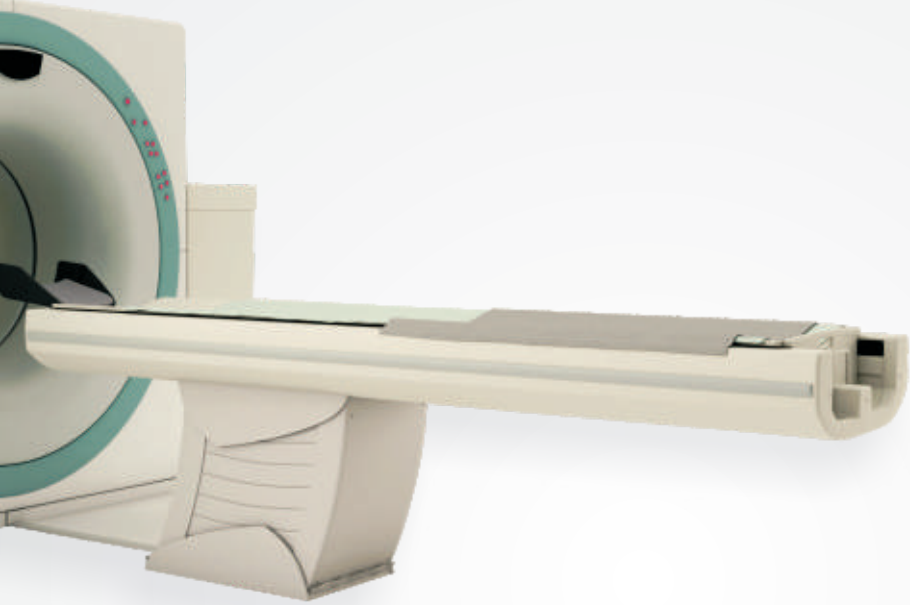


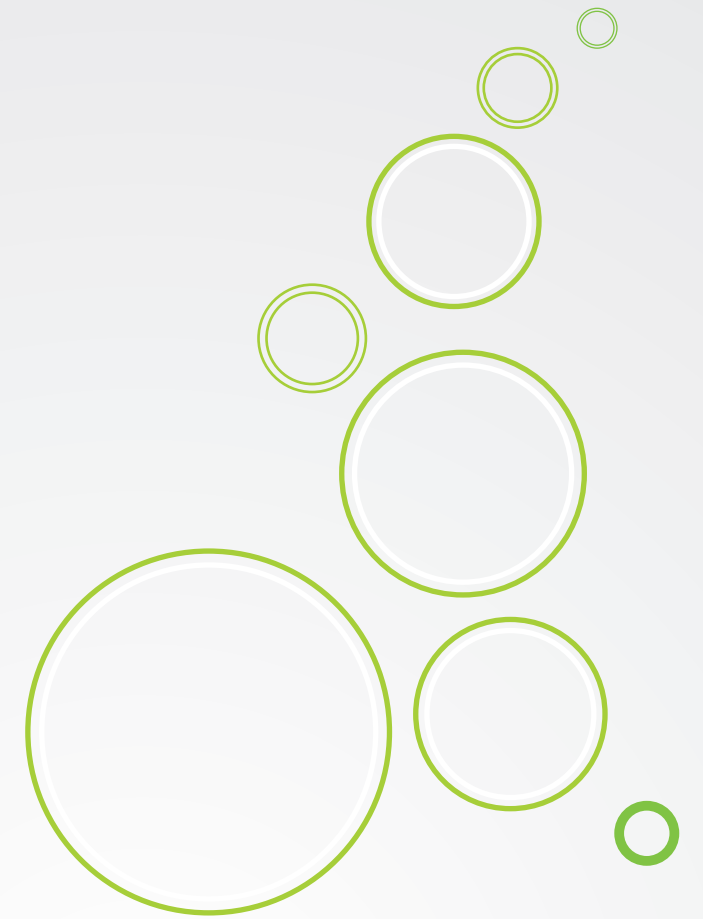
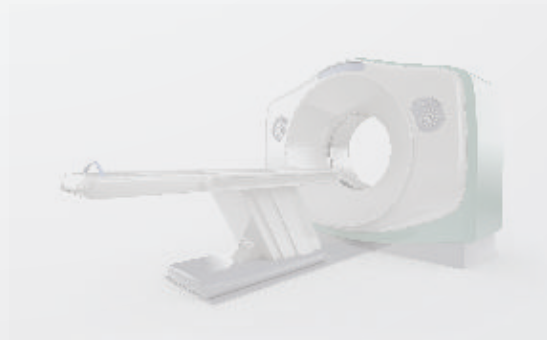


A Division of Religare Technologies Limited

Magnum PACS



Picture Archival and Communication System



With an increasing demand for diagnostic workstations having powerful & easy-to-use tools that enable radiologists to detect patient information, it is imperative for such solutions to be made available and adaptable to the existing systems. HealthFore, backed by deep vertical knowledge and proven competency in the healthcare industry, offers Magnum PACS, a user-centric and robust Picture Archival and Communication System (PACS). HealthFore's Magnum PACS provides seamless integration with existing EMR / RIS system in a scalable and flexible way.

Magnum PACS

HealthFore's Magnum PACS is an American FDA certified enterprise-class Picture Archival and communication system with IHE, DICOM 3.0 & HL-7 Compliance. It offers a comprehensive & fully-integrated web-based digital imaging & information solution for hospitals, clinics & diagnostic centres.

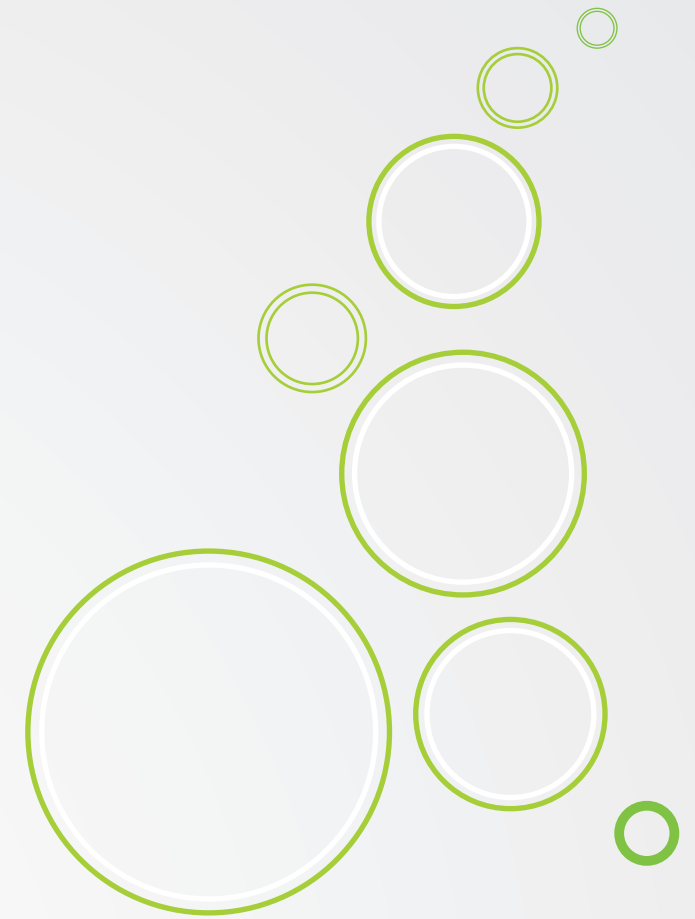
This versatile solution enables medical facilities to acquire, distribute, store & display medical images & diagnostic reports. A completely web-based system, Magnum PACS can be securely monitored and configured at run time. It seamlessly integrates images from multiple modalities with clinical patient data, streamlining radiology department workflow and improving the radiologist's efficiency. The system also provides referring physicians with patient images as part of a complete medical record, thus providing a holistic view of patient data and providing insights as opposed to simple information.

Whether it's a small diagnostic centre or an enterprise-class hospital, Magnum PACS can be scaled to suit all requirements.



Features

- Simplifies & streamlines the workflow to improve patient care
- Instant access to images over the web
- Administration friendly
- Multi-site hospital connectivity
- End-user cost reduction
- Secure, certified system
- Flexible, structured reporting



Magnum PACS application comes packed with a range of web based applications, creating a versatile end-to-end solution that is highly accessible.

- Magnum RIS
- Magnum PACS
- Magnum PACS Framez
- Magnum PACS 2D
- Magnum PACS 3D Radiologist Workstation
- Magnum PACS QC
- Remote Vue Teleradiology
- Reporting



The Magnum PACS Advantages

A Platform Independent System

- Can be deployed on Windows OS and Linux OS

Data Base Independent System

- Can be deployed using My SQL, MS SQL & Oracle 10g DB

Does not require a separate Web Server or Application Server for the deployment

- One server has it all
- Reduced cost of excessive hardware & maintenance

A Secure, Certified System

- FDA Certified system
- Transport Layer Security to allow safe data transmission over public networks
- HIPAA compliant audit trail logs every event for future reference/analysis

Advanced compression

- Supports all the DICOM ratified compression techniques
- Unique rule based, modality specific compression engine

Improved Patient Care

- Reduces patient waiting time in obtaining the scans & reports



Improved Diagnosis & Reporting

- Magnum PACS is equipped with advanced 2D & 3D clinical workstations
- Enhanced reporting turnaround time
- Virtual Colonoscopy
- PET-CT fusion
- 3D, Volume Rendering, Multi Planar Reconstruction
- (MPR), MIP (Min / Max intensity projection)
- Multi cobb angle for scoliosis
- Cardiac Thoracic Ratio
- Image streaming for faster access to diagnostic quality images
- Multi-level image filtering
- Coronary Analysis
- 4D left ventricular volume analysis
- Vessel Matrix

Administrator friendly

- Web based console allows any configuration changes from anywhere
- Run time configuration of DICOM parameters assuring the system uptime to 99.99%
- Multi-site web based server monitoring dashboard for a distributed environment

Broker-less system

- Seamless integration between RIS and PACS
- Reduced additional maintenance, hardware and software costs

Magnum PACS Benefits

Radiologists

- Faster reporting turnaround time with web based viewer, Integrated voice recorder & Voice Recognition system
- Template based reporting with dictionary
- On the fly non DICOM to DICOM conversion
- Advanced Visualization System enabling dynamic Cardiac Analysis, Coronary Analysis, Virtual Colonoscopy and endoscopy.
- PET -CT Fusion
- Broker-less integration with EMR Broker - to simplify and streamline work-flow

Physicians

- Instant access to post processed data
- Instant access to images and reports on web



Administrators

- Single window Web based PACS monitoring at multisite distributed deployment
- Flexible configuration on run-time for DICOM parameters
- Auto-alert of system failure to administrators

Hospitals

- Flexibility to offer value added services like offering remote radiology consultation
- Flexibility to scale up to any number of modalities & study at no extra cost
- Multi-hospital connectivity
- Film-less Imaging Department resulting in better ROI



A Division of Religare Technologies Limited

Religare Technologies delivers efficient solutions that fit client needs and help them increase productivity and boost revenue. Our optimum combination of people, processes and tools lowers IT cost while enabling the client organization to focus on its core competencies. IT Services effectively and seamlessly blends business understanding and technology expertise to deliver value.

HealthFore, the Healthcare Solutions Division of Religare Technologies, provides Healthcare IT products and services that help healthcare providers achieve business objectives while providing quality patient care. It also focuses on creating innovative solutions and platforms that makes healthcare information available to the consumers to provide them with continuum care, 24x7. All these offerings are backed by our extensive technology & domain knowledge, rigorous adherence to global standards and a global delivery experience.

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