

# Medical Message Mediator (M<sup>3</sup>)

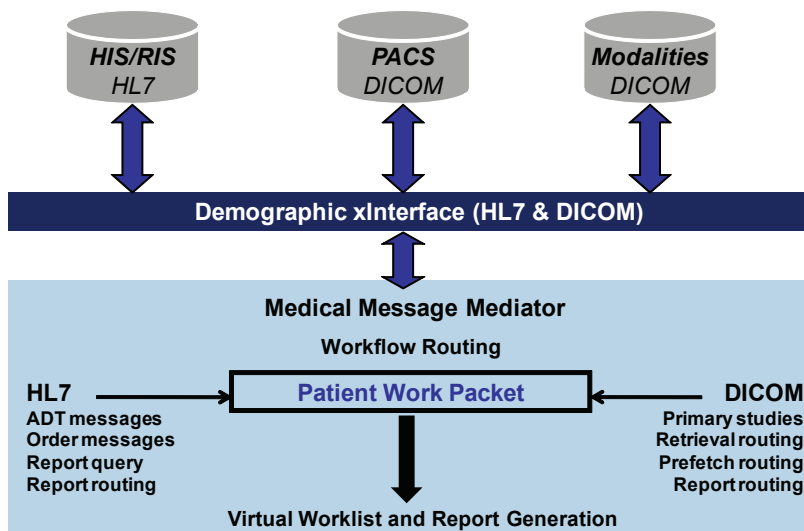
We've Got the Power...

The MEDxConnect Medical Message Mediator™ provides a new approach to integrating healthcare enterprises plagued with connectivity and interoperability challenges in multi-vendor HIS, RIS, and PACS environments. The M<sup>3</sup> assists radiologists and physicians in the diagnosis and treatment of patients by allowing imaging information to be viewed across the enterprise.

Utilizing standard communication protocols, the M<sup>3</sup> is the powerhouse which acts as a mediator simulating messages from dissimilar systems. The M<sup>3</sup> outputs a recognizable message stream that can be fully utilized by different receiving systems. This bi-directional aligning of data fields optimizes communication, while sophisticated routing tables ensure the automated delivery of data as requested.

This innovative, scalable suite of software solutions for integrating the healthcare enterprise affords seamless connectivity and interoperability between diagnostic acquisition devices and their related information systems. The M<sup>3</sup> paves the way for efficient IHE systems integration, with a cost effective solution. Whether yours is a single-site or an enterprise, the M<sup>3</sup> is an expandable platform for all your medical imaging integration and workflow needs—now and for the future.

## ...to Get You Connected



### MEDxConnect M<sup>3</sup> provides Interconnectivity that

- Facilitates integration and enables intelligent workflow between IT systems and islands of disparate data from HL7 and DICOM
- Has intelligent routing to deliver what you want, when and where you want it
- Includes administrative tools for customization to all levels of the enterprise
- Is fully scalable for any size enterprise
- Saves time, increases efficiency, enables improved patient care, and is cost effective
- Utilizes industry standards for a truly open system
- Will function in a non-RIS environment, with the addition of the Order Mediator Module (OM<sup>2</sup>)

The core of the MEDxConnect solution, M<sup>3</sup> works in conjunction with hardware and software modules to provide you with a single solution for all your digital radiology needs—now and in the future.

The Demographic xInterface is an HL7 and DICOM standards product that can interface any HIS/RIS/PACS system in an enterprise. It is an efficient cost effective solution for connectivity in an enterprise with islands of disparate systems. It is an essential component of the MEDxConnect System solution which connects the (M<sup>3</sup>) server to the rest of the enterprise HIS, RIS, PACS.

The Demographic xInterface permits the user to customize the interconnectivity of an enterprise. It is scalable so customers can easily and quickly interface new systems. The basic Demographic xInterface includes 5 HL7 connectivity links and is upgradeable for additional links. It also has DICOM connectivity. Utilizing HL7, DICOM, and other standards, the M<sup>3</sup> uses the communications protocols and semantics of each participating information system.