

# At Last...

## Interoperability & Integration Solutions that Work

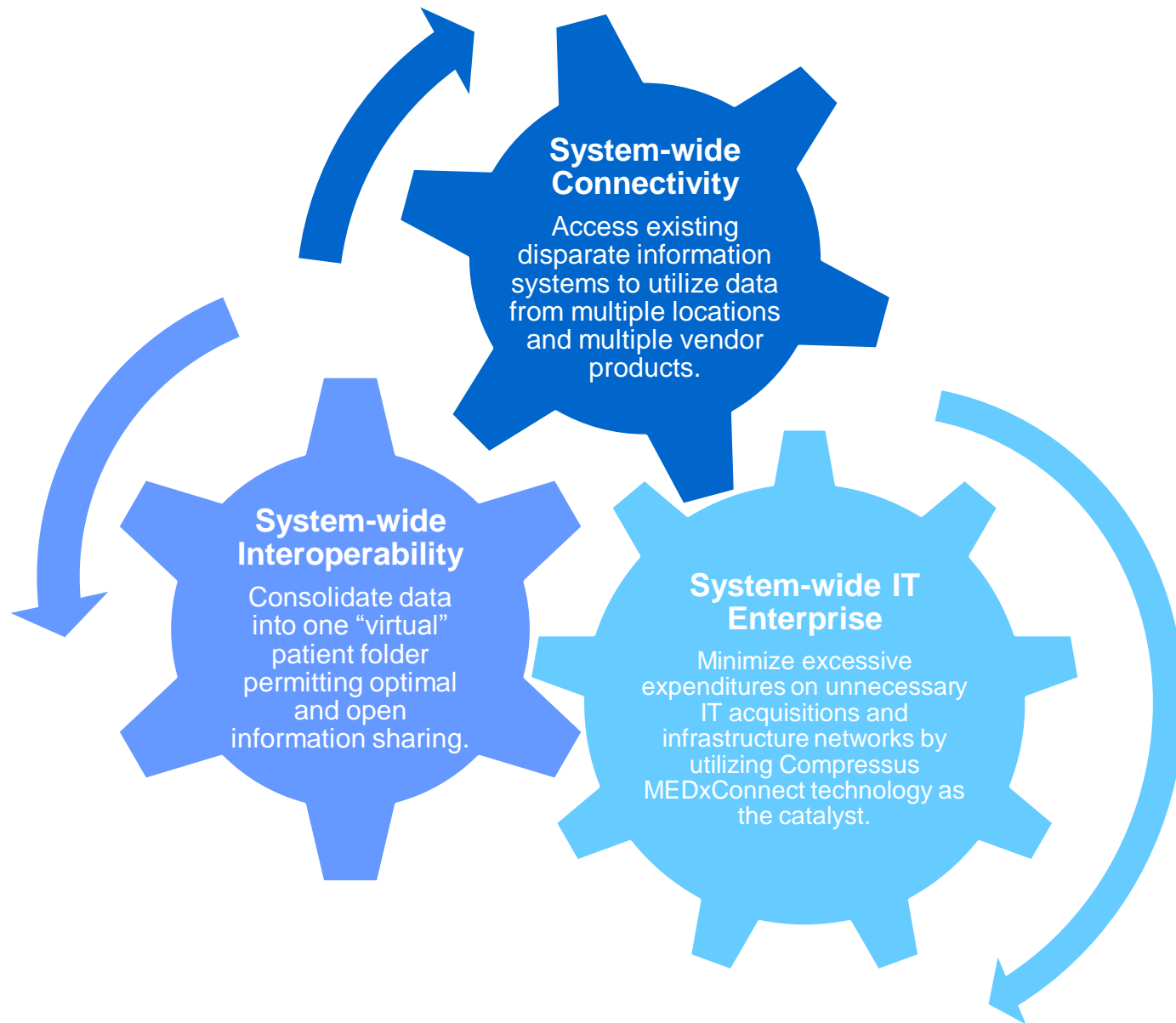
**Expertise to address your Health IT budget reductions.**

**Ability to extend your current IT investments.**

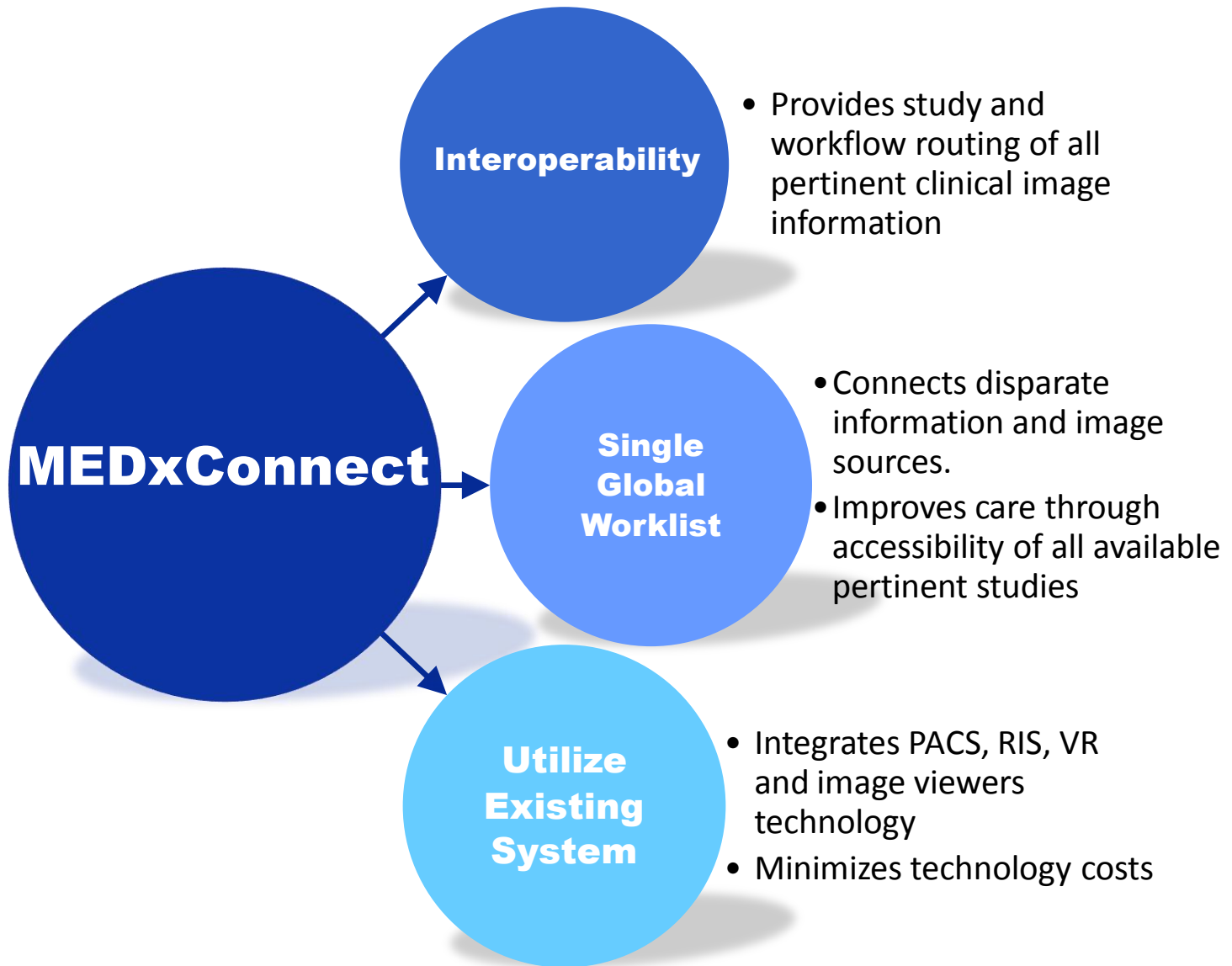
**Solutions to solve for declining imaging reimbursements.**

**Virtualize Your Imaging Environment...**

# MEDxConnect Interoperability & Integration Solutions



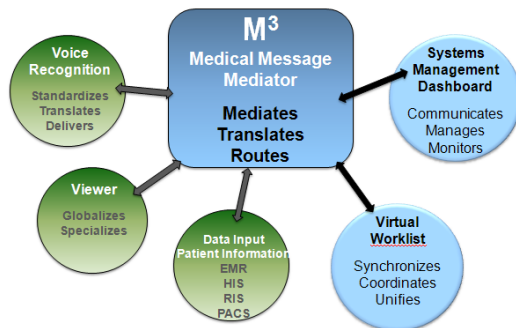
# MEDxConnect Interoperability Solution Offers



# Seamless Connectivity & Interoperability for disparate IT & PACS systems

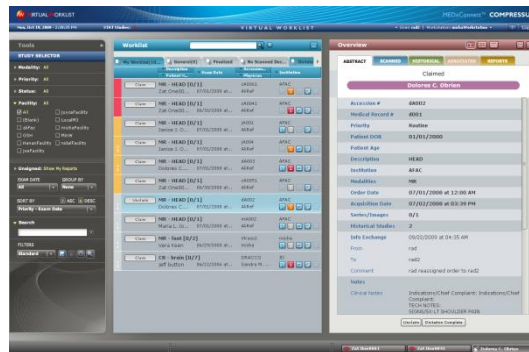
## Medical Message Mediator [M<sup>3</sup>]

is a powerful tool set to assist in the diagnosis of medical images across the enterprise. By utilizing standards-based communications protocols, the M<sup>3</sup> acts as a mediator and simulates messages from dissimilar IT systems.



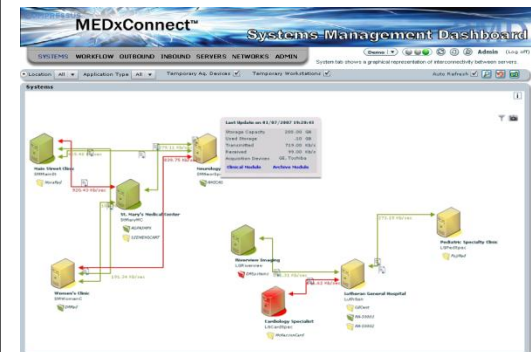
## Virtual Worklist [VW]

is an innovative software product that provides workflow management in a multi-vendor environment. It receives and compiles order information from disparate systems according to customer established rules and generates and distributes the worklist enterprise wide.



## Systems Management Dashboard [SMD]

is an innovative administrative software tool that enables efficient management of the enterprise. The SMD provides the customer a graphic overview of enterprise workflow operations such as network traffic, workflow volumes, image status, and server capacities.



**Multiple RIS & PACS, Patient Document Access, Viewer of Choice & Standardized Dictation**

# MEDxConnect Enterprise Benefits

### Patient

- Fast and accurate results minimize emotional impact of unnecessary studies being performed
- Fewer unnecessary exams save time, cost and radiation exposure
- Elimination of responsibility and transporting of prior exams
- Decreased levels of stress in anticipation of results due to reduction in TAT
- Reduced medical complication and radiation exposure by eliminating unnecessary studies

### Radiologist

- Seamless routing of studies aid in subspecialized reading impacting productivity and enhance practice marketability.
- Consistent presentation of all patient information (images, reports and demographic) on a single worklist minimizes user frustration and increases productivity
- A single enterprise worklist provides the ability to balance the workload to address volume fluctuations (increasing TAT and impacting patient outcomes)
- Seamless accessibility to all image data silos impact the accuracy of the holistic diagnostic capability
- Productivity gains afford the ability to increase revenue opportunities.
- User viewing technology choice bolsters physician satisfaction and increased efficiency
- Reduced cost by leveraging existing IT investment

### PACS/IT Administrator

- Eliminates disparate data silos impacting timeliness of results and manual intervention
- Intelligent workflow routing optimizes current technologies increasing effectiveness of existing IT systems.
- Automation of data processes minimizes IT support intervention increasing IT staff, physician and clerical staff efficiency.
- Real time dashboards provide the ability to eliminate network and workflow problems before they occur improving staff efficiency, improved TAT and patient care.
- Seamless integration permits physicians system preference, increasing satisfaction and productivity while optimizing the data flow from disparate systems.

### CIO

- IT budgets are maximized through reduced and extended system replacement
- Position enterprise for future IT strategy
- Image data sets compatible with EMR, IHE and SOA plug-in
- Patient safety is improved through the automation of data entry minimizing data integrity issues (System automation minimizes manual entry data integrity issues impacting patient safety)
- Provides tools for the management of image data, physician efficiency, processes and networks.
- Physician satisfaction is improved by providing best of breed solutions with the convenience of seamless data interoperability for IT.

### Admin

- End User specific accessibility of image data eliminates operational bottleneck increasing department efficiency
- Increased productivity of clerical resources thru automation by the elimination of manual prior study and report search
- Resources benefit from increased efficiency as an outcome of the paper environment
- Report turnaround time is improved, enhancing patient care and physician satisfaction
- Patient management cost are reduced with improved TAT and complete data accessibility
- Patient care improvements are realized with elimination unnecessary studies and data accessibility for a thorough diagnosis

# Integration Landscape

	Compressus	PACS Centric	Report Centric	RIS Centric
Single Worklist for multiple PACS	✓	Limited	Limited	Limited
Open study in the resident viewer from multiple PACS and different vendors	✓	✗	✗	✗
Open study and priors from multiple PACS in the same reading session using hanging protocol of resident viewer	✓	Limited	✗	✗
Provide prior reports associated with prior studies – all from multiple RIS	✓	✗	✗	✗
Availability of non-DICOM patient data from multiple distributed clinical systems	✓	✗	✗	✗
SDA study distribution for workload balancing	✓	✗	✗	Limited
Specialty-based study assignment	✓	Limited	✗	Limited
Radiologist eligibility management	✓	✗	✗	Limited
Dictate with local dictation with seamless transmission to originating site transcription	✓	✗	✗	✗
Global dictation and transcription from multiple database systems	✓	✗	✗	✗
Automated customized workflow routing	✓	Limited	✗	✗
Real-time remote monitoring and support	✓	Limited	✗	✗

# Useful Information

- [MEDxConnect Product Line Overview](#)
- [Virtual Worklist \(VW\)](#)
- [MEDxConnect Catalysts](#)
- [Medical Message Mediator \(M<sup>3</sup>\)](#)
- [Systems Management Dashboard \(SMD\)](#)

## Recommended Reading:

- [Connecting the IT Disconnect](#) - Streamlining Operational Processes
- [Solving Disparate Systems](#) - Leveling the road for subspecialty enhancement
- [Hospital EMRs Improve With Interoperability](#) - Connecting disparate systems creates efficiencies
- [Profitable Women's Imaging Through Increased Efficiency](#)
- [Subspecialty expertise and workflow](#) - A strategy to thrive in an era of Healthcare reform
- [Turf Protection, Commoditization and Interoperability](#) - One solution for both challenges
- Customer Success story/ article on [MINW](#)
- Dr. Anastos - a radiologist's perspective: [Making Your Connection](#)
- Whitepaper story by [Thuan Nguyen is the IT director for Seattle Radiologists.](#)
- [Radiology continues to lead the commoditization of medicine](#)

# Are you ready to Connect Your IT Disconnect?

## For Proven Results – Today

- Affordable pricing options to address today's economic challenges
- ROI evaluations & interoperability consultation
- Call for product demonstration
- Contact us at 202.742.4297
- Email: [sales@compressus.com](mailto:sales@compressus.com)

**One Integrated View - One Simple Solution - One Seamless Enterprise**