

## INFORMATION TECHNOLOGY – GROWTH

In their quest for increasing efficiency, physician partners and senior managers often turn to solutions that solve one problem but create several others. The challenge is often the multi-vendor software that prevents one platform from communicating efficiently with another. The result is a highly inefficient patchwork of multiple work stations, capacity limitations and reduced patient and referrer care.

The greatest source of interoperability problems is that different systems use proprietary data structures to store and move information. This challenge is resolved with Medical Message Mediator (M<sup>3</sup>), the centerpiece of the MEDxConnect technology. The M<sup>3</sup>, which supports HL7, DICOM, and other standard messages, uses the communications protocols and semantics of each participating information system to control the flow of images, reports, messages, standard patient demographics and other important data for diagnosis and treatment planning of a patient between otherwise independent and disparate systems.

The M<sup>3</sup> maps the data elements and mediates interoperability between different applications, creating a virtual integrated information system that adheres to the IHE technical framework, thus creating a maximally efficient enterprise.

### Increased efficiency reduces organizational costs

One tested solution is MEDxConnect from Compressus. MEDxConnect provides decision-makers with the elements they need to increase operational efficiency and reduce organizational costs. MEDxConnect optimizes the use of clinical and support resources by utilizing targeted software to perform laborious tasks and optimize data distribution. Administration can then leverage the full capacity of their enterprise without concern for resource location. The result is the maximization of every minute of physician time with a solution that:

- Creates value for the business
- Produces good results
- Is reliable and consistent
- Is sufficient to meet demand
- Adapts quickly to fluctuations

## *About Compressus*

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Established in 2000, Compressus Inc. is a medical software company offering proven interoperability solutions to the rapidly growing healthcare IT market. Its products are designed to dramatically improve physician efficiency, reduce enterprise costs and increase patient safety. Compressus is particularly concerned with solving problems associated with integrating healthcare enterprises plagued by a lack of connectivity and interoperability among disparate islands of healthcare IT solutions, including clinical (EMR, HIS, RIS, PACS) and business (billing, registration, patient tracking), among others.

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