

Developed with MEDITECH for the Exchange of Clinical Data with Physician EMRs

Hospitals and physician practices, motivated by federal stimulus funds, are striving to demonstrate Meaningful Use of Electronic Medical Records (EMRs). The problem is that interoperability solutions are often expensive and require too many internal resources to implement and maintain. Demonstrating the exchange of information can be a daunting task, and hospitals want to know that the solution they choose is supported by their HCIS vendor.



The Solution

A MEDITECH-endorsed interoperability solution, Data Express provides for the exchange of HL7 data with physician EMR applications. Data flows seamlessly into physician EMRs from a variety of MEDITECH applications, including: Laboratory, Microbiology, Blood Bank, Pathology and ITS, Radiology, and Departmental. Furthermore, Data Express allows physicians to submit orders to MEDITECH directly from their EMRs. The outcome is an efficient, reliable, and cost-effective, results-out and orders-in data exchange.

How it Works

Results Out

Data Express is designed to accept messages from a set of MAGIC and Client/Server HL7 interfaces developed by MEDITECH. Data Express transforms these unique HL7 messages into a normalized format and transmits them to physician offices via electronic maps (eMaps) configured according to the recipient's EMR profile. Clinical data is automatically sent to the physician's EMR as soon as it is available in MEDITECH, thereby providing the physician with timely information in their delivery of care.

Orders In

Physicians now have the ability to submit orders directly from their EMRs to the MEDITECH HCIS. Orders received by Data Express are transformed and sent via an interface to MEDITECH, not scripted into the system. This streamlined process creates a complete lifecycle of the order and helps ensure accuracy and efficiency.

An Affordable Interface Solution

Data Express utilizes eMaps to deliver data based on the physician EMR specification. These maps have a unique licensing structure, allowing multiple physicians with the same EMR specification to utilize the same map. This "one-to-many" licensing model does away with traditional point-to-point interfacing, and provides a cost-effective and scalable solution for MEDITECH facilities.

Deployed by Forward Advantage and MEDITECH

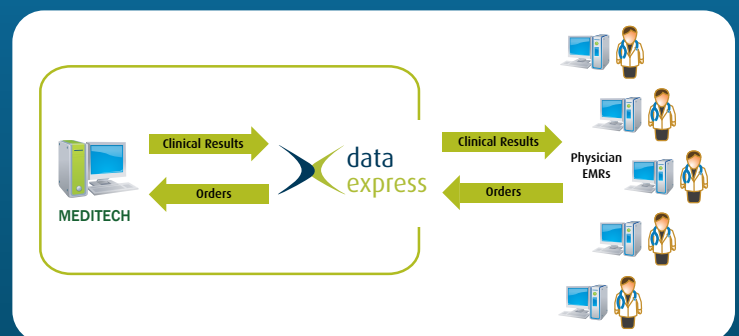
Data Express can significantly reduce the time and effort your resources spend deploying your interoperability solution. The solution is implemented by Forward Advantage and MEDITECH, and testing is a shared effort with your team. This approach minimizes the impact on your resources and daily operations. Coupled with the standard interfaces from MEDITECH, deployment is streamlined and efficient.

Economic Stimulus

Data Express positions MEDITECH facilities and their physicians to demonstrate electronic exchange of information in anticipation of Economic Stimulus funding. Physicians can demonstrate Meaningful Use for the American Recovery and Reinvestment Act (ARRA). Additionally, Forward Advantage has always provided a PHI disclosure audit trail to support HIPAA initiatives, also required by ARRA.

Key Features:

- A MEDITECH-endorsed solution preconfigured to accept MEDITECH HL7 interface sets
- Orders are delivered to MEDITECH via an interface, not scripted into the system
- Cost effective with a "one-to-many" EMR interface approach
- Ability to perform electronic orders via physician EMRs
- Demonstrates electronic exchange of information and Meaningful Use for EMRs



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