

The Medical Data Exchange powered by Verizon

ACCELERATING THE SHARING OF DIGITAL HEALTH INFORMATION BETWEEN PHYSICIANS AND HEALTHCARE ORGANIZATIONS

At least 1.2 billion patient notes are created each year in the US, and an estimated 25% of them are shared with other providers. Virtually all of these records are either faxed or mailed to hospitals, physician offices and ambulatory clinics. Most of these documents start out as digital files, but lose their electronic functionality once faxed or mailed. The Medical Data Exchange can replace this outdated system with the ability to send documents electronically from physician to physician, provider to provider. The Medical Data Exchange is a private, secure, network-based platform for the distribution and sharing of medical transcription and related medical records in electronic form. It is a framework that will accelerate the sharing of information.

Digitizing patient notes throughout their entire lifecycle allows for automated search, automated import into other systems, the use of numerous automation tools to help with billing, research, submission for reimbursement, error tracking, automated reminders and follow-up (among others), efficient storage and retrieval, and less expensive sharing, lower workload of hospital and physician office personnel.

Furthermore, electronic versions of these records are generally easier to find, to secure and to keep private. The use of digital medical records is now required by law.

An added benefit is that this system is green, eliminating over 300 million fax cover sheets alone, and many times that if records are stored electronically without printing.



By August, when the Medical Data Exchange is expected to be in use by all of the consortium's members end users' 350,000 –plus physicians, more than 2,700 clinics and nearly 2,500 hospitals will be supported.

Highlights:

- Solution for simple, nationwide, secure, private exchange
- Provides new infrastructure for acceleration of Health information sharing
- Links together technology platforms and software from leading vendors in a nationwide network built by Verizon
- Designed to meet Nationwide Health Information Network recommendations
- First users of exchange are members of the Medical Transcription Service Consortium
- Green solution as it eliminates at least 300 million fax cover sheets alone
- Helps ease burden of meaningful use in simplified platform using crawl, walk, run methodology

	Today's Platform	Next-Gen Platform
Authentication / Certificates	SSL certificates (TLS) to join	SSL certificates (TLS) + roaming certificates
Delivery Protocol	Web services - small file support	Web services - Large file support
Trust Relationships	ICSA Labs or equivalent certification of endpoints	
Standards Vocabulary Document	Free-form Metadata /12 standard tags	Structured Narrative Standards
Directories	MDEX Login Only	Complete Directories + Claiming and Association
Security	TLS Encryption; Platform Certification; Audit & Logging; Excellent Identity; Data Integrity; Digital Signatures	

▶▶▶ Please email mdex@icsalabs.com for more information.

Founding Members

