DataMotion™ Direct for Infor Cloverleaf® Direct Adapter

Business and Clinical Challenge

Payment reform and the subsequent rise of pay-for-value business models are driving requirements for clinical data exchange across the care continuum. Clinicians need data to make better treatment decisions; care coordinators need data to increase the efficacy of care plans; hospital systems need data to track and report on improving outcomes, and payers need data to determine reimbursement based on clinical measures.

Solution

Direct Secure Messaging (Direct) offers an approach to secure clinical data exchange that is, because of its email-based architecture, more cost effective than the proprietary point-to-point interfaces which have traditionally enabled interoperability between electronic health records systems (EHRs) and other health information technologies. Interoperability via Direct yields multiple business benefits including:

- Enables Infor Cloverleaf HIE with C-CDA exchange via Direct Secure Messaging
- Fulfills requirements for federal and state government payment incentive programs that specify secure health information exchange using Direct Secure Messaging (e.g.: Meaningful Use, DSRIP)
- Advances payment reform initiatives by facilitating secure clinical data exchange across the care continuum yielding informed treatment decisions, better outcomes and lower costs.
- Provides a secure and readily available information exchange mechanism for patient engagement
- Enables the flow of clinical data required for the analytics that drive connected health, care coordination, care management, and population health management

> "We have a solid infrastructure in place to combine new patient data with existing clinical information into the existing Infor central data repository.
>
> Bringing in DataMotion builds upon that by helping us to meet Direct standards, and now we can aggregate as well as analyze data to improve patient care
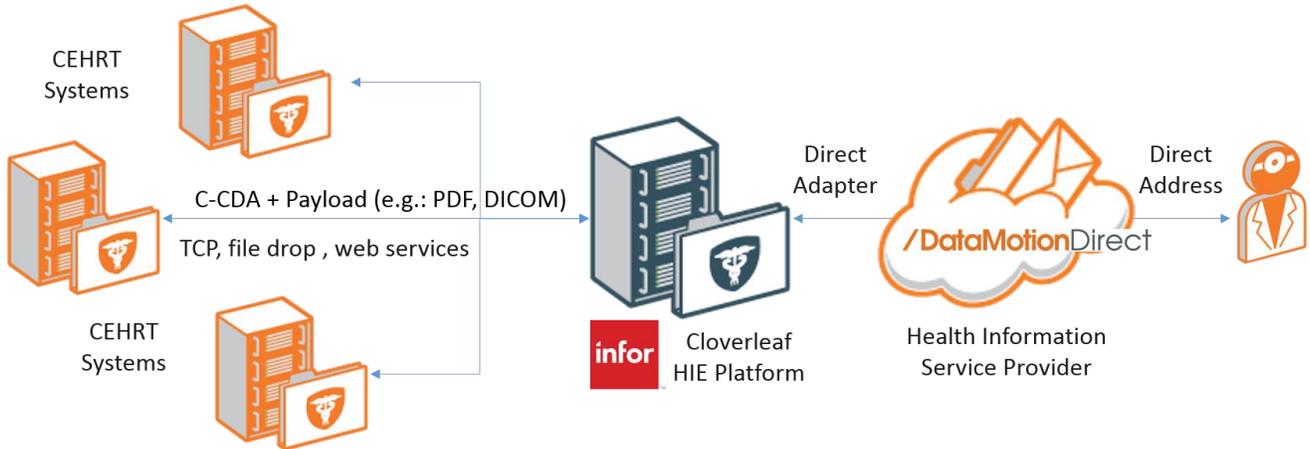>
> DataMotion and Infor are partners that are extremely beneficial to our organization by making time-to-value that much quicker."
>
> *Jamie Hayslip, CIO, Greater Rochester Independent Physicians Association*

DataMotion™ Direct integrates seamlessly with the Infor Cloverleaf Direct Adapter to enable secure data exchange inbound to and outbound from Infor Cloverleaf HIE. Protected health information (PHI) including summary of care documents, large images, and personal messages, can be sent and received securely, in a manner that conforms to HIPAA and Meaningful Use guidelines.

For Infor Cloverleaf users, DataMotion Direct can be enabled simply by adding an adapter to the Infor Cloverleaf Integration Suite. The Infor Cloverleaf Direct Adapter securely packages the clinical data flowing through Cloverleaf and enables sharing of the data using Direct in a familiar, email-like manner with clinicians from different health networks and potentially with patients. Cloverleaf also monitors Direct mailboxes to intelligently route inbound data, triggering notifications and executing a wide range of workflows that can be customized to end users' needs.

/Solution Brief

How It Works

1. Clinical documents (CCD/CDA) or Transaction HL7/PDF arrives at Cloverleaf from EHR systems – via TCP connection, file drop, web service, etc.
2. Provider ID or other key field extracted and mapped to the provider's Direct address
3. Transaction sent on to Direct destination via DataMotion Direct service
4. Service is fully bi-directional – messages can be exchanged to and from any connected EHR and Direct address holder.

CEHRT Systems

C-CDA + Payload (e.g.: PDF, DICOM)

TCP, file drop , web services

CEHRT Systems

Direct Adapter

Direct Address

infor Cloverleaf HIE Platform

Health Information Service Provider

/Solution Brief

Features
Seamless and proven integration methodology to enable Direct Secure Messaging in Infor Cloverleaf HIE
Built-in interoperability with EHRs, HIEs, and other health IT systems with compliant Direct Secure Messaging addresses
Configurable for multiple use cases incorporating alternative communications scenarios like: system-to-system, provider-to-system, provider-to-provider, provider to patient, etc. Configurable to enable messaging enhancements like intelligent message routing, notifications, and alerts

Benefits
Enables Infor Cloverleaf HIE with C-CDA exchange via Direct Secure Messaging
Fulfills requirements for federal and state government payment incentive programs that specify secure health information exchange using Direct Secure Messaging (e.g.: Meaningful Use, DSRIP)
Advances payment reform initiatives by facilitating secure clinical data exchange across the care continuum yielding informed treatment decisions, better outcomes and lower costs.

"Today's healthcare industry demands that organizations better connect to the medical community and streamline disparate systems, while providing a shared view of the patient's record,"

Mike Poling, Vice President, Healthcare, Infor

For more information, visit DataMotionHealth.com, contact sales@datamotion.com or call 800-672-7322