CliniSync Solutions and Services

Results Delivery

Community Results Delivery – For results and reports that have a provider of record, CliniSync will set up connections with any practice that is expecting results or reports from a connected hospital. We can provide results as discrete HL7 directly into an Electronic Health Record (EHR) system, deliver PDFs into a practice file store or set them up with a lightweight, secure computer application called iNbox.

CliniSync also can connect hospitals so they can receive results into their EHR for their employed physicians. Using the hospital's employed physician directory, CliniSync can identify eligible results from other stakeholders where their providers are included as a provider of record. We can then deliver those back discretely into the requesting hospitals EHR (compendiums for that hospital may be required). We have done this with Epic and Meditech.

Community Health Record

CHR Web Portal – The Community Health Record (CHR) allows clinicians to view a patient's visits and encounters at different facilities in a single, longitudinal record. This is a web-based application that allows the authorized practitioner to log into a portal and view demographic and clinical information, including test results, diagnoses, care and discharge summaries or CCDs (Continuity of Care Documents).

SSO: Single Sign On – This service provides access to the CHR web portal through the practice's own EHR, so the clinicians can stay within their current workflow. SSO provides Impersonation Authentication and patient context payloads to be pushed (encrypted) from the EHR to allow providers to use CliniSync without having to put in an additional login. This solution is currently live with Allscripts, and we are finalizing it with other EHRs.

QnR: Query and Retrieve CCDs – Instead of using the CHR, clients can directly search for care summaries or discharge summaries directly from their EMR. This solution provides the ability to use XDS.b or XCA IHE profiles to query CliniSync and return information directly into an EHR. This solution is currently live with EPIC, and we are finalizing it with multiple EHRs.

Connected Communities – This solution allows both acute and ambulatory EHR clinicians to publish CCDA documents from their EHR into CliniSync. There are four methods to enable publishing:

- **PnR: Provide and Register CCDs** – This web service connects a client's EHR to CliniSync through a secure connection using pre-shared certificates.
- **Folder Sweep** – Clients will install a lightweight application called the CliniSync iNexx Platform and configure their EHR to save CCDA documents to a specified folder. The application will then *sweep* and publish to the CliniSync CHR.
- **CCDA via Direct** – Clients can have their EHR send CCDs via Direct Messages; this option only requires adding an additional Direct Address to their current workflow.
- **ITI-41** – We also support the contribution of CCDs via ITI-41 transaction (with or without ADT registration messages).

Community Interchange multiplies your connections*

- **One-To-Many Query**– When we receive a query, we will echo it out to all secondary XCA connections we have established, per a client's configuration request. This includes the Department of Defense through the Sequoia project, exchange with other state HIEs, and large out-of-state facilities.
- **Protocol Bridging** – For clients who are only able to query us via the XDS.b protocol, we can rebuild their query using XCA so they are able to expand their search reach using the One-to-Many Query.
- **Comprehensive CCDA** – We have the capability to parse, normalize, de-duplicate and create a *single*, *comprehensive* CCDA from all HL7 and other CCDA data we have received on a patient for the last year. CCDA is the Consolidated Clinical Document Architecture.

REFERRALS

Closed-Loop Referrals – A closed-loop referral allows a clinician to set up an organization as a referral location and then customize the requirements and questions to be answered before the referral is accepted, scheduled and completed. Built on the same platform as the CHR, this application also allows clinicians to send messages to each other to obtain information or provide feedback. Practices use this with social service agencies to make referrals in the Medical Neighborhood in Central Ohio.

DIRECT TRUST CERTIFIED HISP

Direct Messaging or Webmail – For those who want to send a secure, encrypted email message to another clinician, we offer a webmail for Direct addresses. We can provision a Direct address for clients if they do not have one. We are also finalizing integration to offer webmail within the same platform as the CHR.

XDR: Integrated Direct Messaging – Typically used by hospitals, XDR provides integrated Direct messaging for EHRs such as Epic and Meditech. Clients can either use a subdomain of .medicity.net or leverage their own domain (the client is responsible for maintaining their SSL certificate).

NOTIFICATIONS

Notify – Notify is a subscription-based service that allows organizations to track a patient population using a patient panel, which is a list of selected patients. The application provides a worklist of all ADT event notifications from other facilities that the clinician has subscribed to (Emergency Department, Inpatient/Outpatient Admit, Discharge, and more). Clients can receive notifications with Patient Health Information (PHI) from the web application or Direct email. They also can choose to receive an email or text that will not have PHI included. We also offer an ADT SFTP file drop, which sends raw HL7 notification data to a secure folder.

Clinical Dispatcher (formerly Payor Gateway) – Clinical Dispatcher is less of an application and more of a data process that is designed to deliver data (e.g., ADT/registration messages, lab results, etc.) in near real-time. Using an active population list, clients submit these flat files to an SFTP location where they are processed in CliniSync. Once processed, the Dispatcher checks all ADT for a Community Master Patient Index (CMPI) match. If matched, the client identifier provided in the active population list is enriched in the original message and routed back to the client via an HL7 transmission over a secure connection.

POPULATION HEALTH SERVICES

Data Mart – If clients have purchased Clinical Dispatcher, they also can leverage the Data Mart. In conjunction with the Clinical Dispatcher, Data Mart provides clients the ability to cultivate data sets (guided by CliniSync Policies and Procedures) for their active populations and subpopulations. Using SQL framework, Data Mart creates data sets that search for individual data elements across a specified population. The data then can be used within a client's analytics engine to calculate quality measures and run other reports for specific populations.

Community Interchange will be available during Quarter 2 of 2018.