

Quality Control Score for C-CDA Delivery Services

Reliable data gathered from across the healthcare continuum is critical to understanding population health patterns, driving health information exchange and enabling data-driven analytics. Any healthcare organization that has attempted to collect and aggregate data knows that getting meaningful, reliable, high quality data from multiple and disparate source systems is a huge challenge that impacts financial performance and patients' health outcomes.

Quality clinical data exchange powered by Stella Technology's Inspector of Quality Healthcare Data (iQHD) and Direct Messaging from DataMotion, market leaders in healthcare interoperability, organizations can aggregate data from any 2014 Certified EHR Technology and work collaboratively with their partners and stakeholders to improve the overall quality of the clinical healthcare data in their community. The result is substantial savings in time, resources and costs associated with collecting, analyzing and leveraging the data for integration projects as well as clinical and business intelligence initiatives.

"Actionable data that is both complete and reliable is the critical underlying driver of better clinical decisions. By providing a tool that aggregates data from across the care continuum and validates its conformance with specifications dictated by HL7 and ONC, DataMotion and Stella Technology are advancing improved clinical outcomes and delivering on the vision behind data exchange standards."

—John Donnelly

President, IntePro Solutions Inc.
@hcinterop_guy

Solution

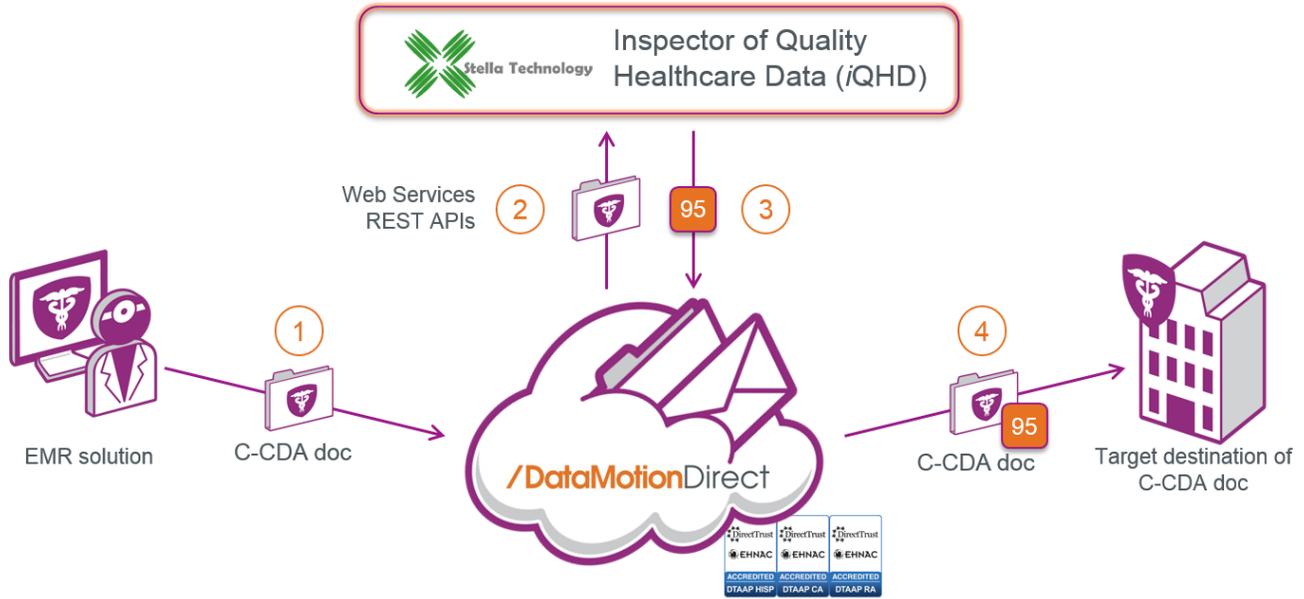
The combination of Stella Technology's iQHD and DataMotion Direct is a value added service that ensures continuity of care documents (C-CDAs) exchanged via the Direct Messaging protocol can be filtered for data quality before being advanced in a provider's EHR workflow. Stella's iQHD module examines the data in the C-CDA document applying industry standard quality measurements and returns a score which can be used to decide if the data is reliable or if corrections must be made at the data source to make the data usable for quality improvement initiatives, population health initiatives, and similar data driven use cases. Data that meets an acceptable score threshold can be populated, via the Direct Messaging, to a clinical system that is interoperable with Direct or can be sent to any provider that has a compliant Direct address.

Component	Benefit
Stella Technology iQHD	Efficient identification of data quality issues
	Determination of clinical data readiness for HIE onboarding, analytics and more
	Validation score allows organizations to quantify and measure the relative quality of their data
	Significant time and savings for data providers, receivers and users
DataMotion™ Direct	Assured interoperability with EHRs/HISPs that meet DirectTrust standards
	Accessible via web mail portal or API implementation
	Fully featured tools including automated onboarding, healthcare provider directory (HPD), comprehensive reporting



How It Works

1. The originating EMR solution sends a C-CDA document to the target destination via DataMotion Direct HISP
2. DataMotion submits the document for quality check to the Inspector of Quality Healthcare Data (iQHD) by Stella Technology
3. Stella Technology iQHD returns the quality score for the document
4. DataMotion adds the score to the message subject line of the Direct message and sends the C-CDA doc to the target destination



More general information on Direct Secure Messaging and DataMotion Direct are located at the following web address: <http://www.datamotion.com/products/direct/datamotion-direct/>.

For more information on achieving a quality control score on continuity of care documents:

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CONTACT US WITH QUESTIONS:

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