Customer Profile

A leading healthcare cloud computing company that works exclusively with healthcare organizations across the United States to reduce the cost and complexity of IT. In addition to HIT and cloud services, they are specialized in establishing interoperability between clinical systems where the goal is to improve clinician workflow and patient outcomes.

Industry: SaaS Provider

Location: CA

Engagement Details

Service Type: Building an independent C-CDA Module

Engagement Mode: Offshore

Resource(s) Deployed: 1

Key Benefits

- As a provider of SaaS, able to help end-clients to comply with Meaningful Use2

- EHR users can Send/Receive patient information for Continuum of Care

For additional information or to discuss an opportunity with us, please email us to info@cesltd.com

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Customer Challenge

To create a clinical document exchange channel using the HL7 Mirth Interface that would generate Continuity of Care Document (CCD) of a patient as per the standard § 170.205(a)(3) i.e., CCDA (Consolidated Clinical Document Architecture) - HL7 v3 standard.

Solution

Designed, developed bi-directional CCD Module to exchange patient visit information between the proprietary EHR Application and other Health ERPs and Patient Portal Systems using Mirth Connect.

The team has custom developed a Mirth channel with the capability to exchange CCDA documents of a patient for a particular visit or history of visits. The patient visit details are recorded in the proprietary EHR. Mirth channel would read patient related data from proprietary EHR's DB (Microsoft SQL Server) to generate CCDA XML document.

The CCDA XML documents would be generated for the following scenarios -

1. Per-encounter (when a patient appointment been checked out).
2. One-time manual trigger of Longitudinal for every patient (history of encounters).