



The Safest, Quickest Way to Enhance EHR Performance

(without actually touching the EHR)

It's a stone-cold reality that every new implementation into the EHR increases the risk that it will incrementally slow the system, add complexity to the interface, and heighten the chances that something done during the implementation process will negatively impact some underlying EHR process, workflow, or data.

At IllumiCare, we understand the enormous challenge that IT teams face each day in making new services available while also protecting the integrity of the overall system. That's why we offer a non-intrusive ribbon of information that doesn't directly interact or integrate with the EHR, but instead hovers over a hospital's electronic health record to provide physicians with real-time, patient-specific cost and patient risk data about the patient concurrently being viewed in the EHR. And we do it with a light technical footprint; using existing provider authentication infrastructure and HL7 messages. As a result, it doesn't slow the system, add clutter to the interface, or disrupt clinical workflow; and instead appears only in a small portion of the screen and only at the provider's preference.

IllumiCare's Smart Ribbon makes the new functionality and data that users want to use today--from a host of trusted third-party apps--available today, not sometime in the distant future, and we do it quicker, less costly, and with minimal risk when compared to traditional integration methods.

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- ADVENT HEALTH

Implementation Overview

Our onboarding process involves two major tasks - HL7 Data Transmission and Ribbon Installation. Once these tasks are completed, which typically takes around 60 days and as little as 90 hours, the project concludes with testing, user training and Go-Live.

Data Transfer

Data Requirements Task one is the establishment of a secure data transmission method and initiation of HL7 feeds. Specifically, we need these 4 HL7 data feeds:

- ADT
- Lab Orders and Results (ORM/ORU)
- Radiology Orders and Results (ORM/ ORU)
- Medication Orders and Pharmacy Verified
- Orders (ORM/RDE)

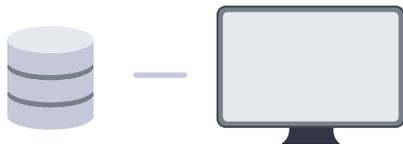
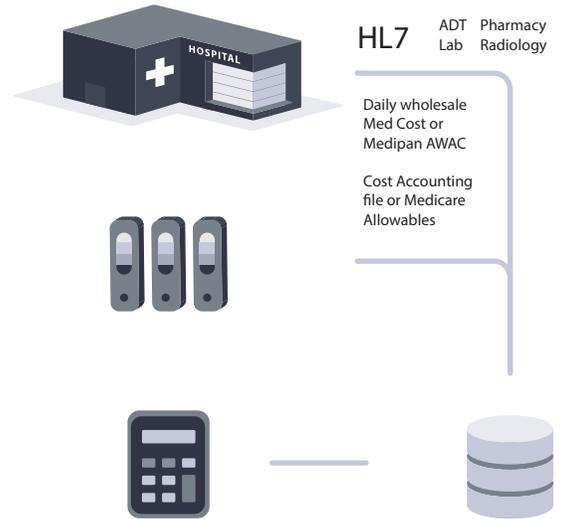
The feeds cbe existing HL7 feeds that contain the minimum data elements. A custom-built feed is not required.

Data Transmission

For data feeds, we use VPN and SFTP. The Ribbon uses HTTPS.

Data Transformation, Analysis & Storage

As data is transmitted in real-time, IllumiCare parses, cleans, maps, transforms and stages it for Ribbon presentation. This involves numerous steps of drug and test mappings, usage of algorithms to determine units of measures, dosing etc.; all matched back to the correct division and allocation of costs. Indicators of patient risk are also calculated (e.g. blood volume, radiation accumulation, etc.). The data is stored and maintained in an AWS private virtual cloud (US-based only), with each health system having its own database. Once called upon, it then will populate the IllumiCare Ribbon in real-time.

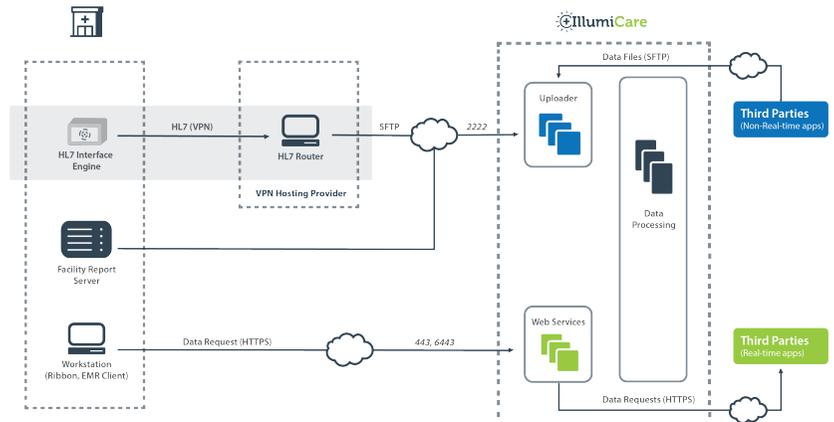


Ribbon Installation

IllumiCare will provide an .msi of the Ribbon Application for installation into the virtual desktop environment (e.g., Citrix, VDI, etc.). IllumiCare is provisioned and deployed to registered users via your normal provisioning system.

Data Architecture Diagram. How It Works:

To learn more about how IllumiCare's Smart Ribbon can enhance the performance of your EHR, while not slowing the system, adding clutter to the interface, or disrupting clinical workflow, give us a call at 205.578.1738 or use our contact form to let us know what you're thinking.





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