



Shaping Healthcare Possibilities

Success Story

Streamlining data exchange for Radiology practices with HL7 integration

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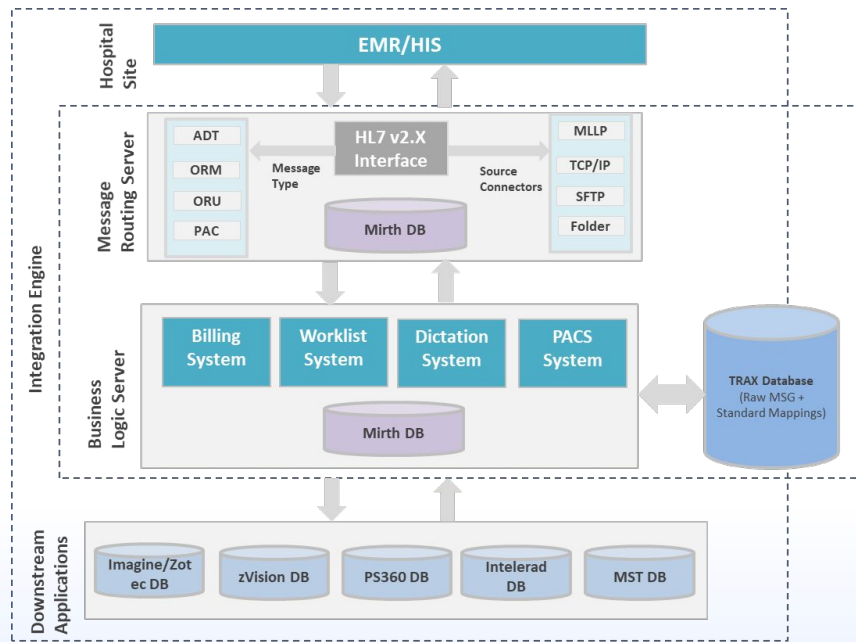
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The Challenge

- Client is the largest physician-led radiology practice in the U.S., with over 1,000 radiologists providing services to more than 750 hospitals, clinics and imaging centers.
- Client wanted to streamline their existing Mirth architecture for enabling seamless data exchange process between its physicians and labs via HL7 secured channels.
- CitiusTech was selected by the client to provide end-to-end HL7 (ADT, ORM, ORU) integration with downstream systems

Solution(s) & Value Delivered



The Solution

- Designed and developed a canonical model for data integration
- Coordinated with downstream applications such as Clario, Fluency and Imagine to understand their data format
- Defined channel templates and configurations that could be reused for new interfaces
- Defined a unified process for implementing new sites and billing process
- Leveraged Mirth Connect's reporting capabilities and defined a process to track system performance

The Outcome

- Leveraged CitiusTech's strong integration expertise for end-to-end HL7 development lifecycle
- Enabled the client to use advanced alerting and reporting solution on Mirth Server
- Optimized the server performance by standardizing the codes
- Enhanced efficiency and enabled quick-turnaround by leveraging automation bit bucket check in process for channel deployment



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Thank You

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