



Use Case

Building an Integration Foundation During a MEDITECH 6.15 Implementation

Client

Hospital de la Concepción

San Germán, Puerto Rico

Challenge

Hospital de la Concepción, with no interface engine in place, had been using a point-to-point approach for interfaces throughout its interoperability environment and variety of ancillary and third-party systems. This model was time-consuming, complex, and inefficient for hospital IT staff. After making the decision to implement an EHR technology, MEDITECH 6.15, the hospital realized that the implementation would not be as successful or efficient without an interface engine in place. They were challenged with not only focusing efforts on building out the MEDITECH EHR, but also learning the MEDITECH environment. The resource-heavy nature of this implementation was the perfect time to start thinking about the benefits of implementing an interface engine.

After conducting an integration assessment, it was determined that the organization would evaluate and purchase an integration engine to help streamline their MEDITECH implementation, as well as improve the overall integration landscape of the hospital in order to support the latest interoperability standards and initiatives. The organization also made a strategic decision to partner with one integration technology partner who could assist with the entire MEDITECH 6.15 implementation, as well as remain on-hand for ongoing interface maintenance and support. They were looking for a vendor partner with strong MEDITECH experience and expertise with third-party connectivity.

Solution

Hospital de la Concepción chose Summit Healthcare, a longtime leader in integration and specifically interface engine technology, to assist with their implementation and streamlining of their integration landscape. Summit Healthcare stood out amongst its competitors due to its deep expertise working in the MEDITECH space, and commitment to excellent customer support.

After an assessment for numerous vendors and solutions, Hospital de la Concepción selected Summit Healthcare's interface engine, Summit Exchange, for its leading features and functionality, and its demonstrated ability to provide all of the necessary tools to not only successfully implement MEDITECH 6.15, but to support all of the hospital's integration goals moving forward.

Summit Exchange is a dynamic, cost-effective, and scalable technology, which allows for full integration with any system and supports all of the latest interoperability standards and protocols (Web Services: HTTPS, XML, SMIME, SOAP, Supports ITI, PIX/PDQ, XCPD, XCA, XDM, and XDR IHE Standards). This includes Direct Messaging to help organizations achieve the Promoting Interoperability (Meaningful Use Stage 3) requirements. Hospital de la Concepción also contracted with Summit Healthcare for a 5-year Professional Services agreement to assist with not only the MEDITECH 6.15 implementation, but the ongoing support and maintenance of their entire interface landscape.

"The ability to work with one integration vendor has proven to be extremely rewarding. Summit Healthcare's services team played a key role in ensuring a successful implementation and will continue to lend their expertise as an extension of the hospital's IT staff overseeing the entire interface environment. Being able to avoid working with third-party vendors and rely on Summit Healthcare for different aspects of our integration, both short term and long term, has already demonstrated important value to the hospital."

- **Juan Caban**, CIO, Hospital de la Concepción

Results

The Summit Exchange Engine was installed and over 15 interfaces were converted using the new engine to meet the MEDITECH 6.15 project plan. Summit Exchange fully integrates the hospital with systems such as Synapse, Formfast, Pyxis, and Quest. Interface builds also included direct messaging capabilities. It is currently processing on average 30,000 messages daily which include ADT, LAB orders and results, Pharmacy orders, POC orders, and BAR charges.

With the integration technology in place and the professional services partnership formed, Hospital de la Concepción was successful in meeting all of its goals and milestones around the MEDITECH 6.15 implementation. By implementing a reliable interface engine, the hospital has seen increased efficiency across all departments as data exchange has become more streamlined and efficient. The organization has achieved improved patient care due to enhanced access to critical data for clinicians and other departments.

About Summit Healthcare

Summit Healthcare is the choice of hospitals who want to take full control of their healthcare system integration, automation, business continuity, patient matching, and data archiving technology. Since 1999, we have worked to provide the industry with the most flexible interoperability and RPA technology with complimentary tailored services and solutions.

About The XX Solution

The Summit Exchange HL7 Interface Engine provides seamless integration technology that supports all of the latest standards for connectivity and data formats (API/FHIR, Web Service), addressing a wide range of interoperability challenges from the simple to the extremely complex

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