

OhioHealth

www.ohiohealth.com Columbus, Ohio

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OhioHealth is a nationally recognized, not-for-profit, charitable, healthcare organization serving and supported by the community. Based in Columbus, Ohio, it is a family of 15 hospitals, 20 health and surgery centers, home-health providers, medical equipment and health service suppliers throughout a 46-county area. OhioHealth hospitals in central Ohio are Riverside Methodist Hospital, Grant Medical Center, Doctors Hospital, Grady Memorial Hospital, Marion General Hospital, Hardin Memorial Hospital and Dublin Methodist Hospital (to open in late 2007).

Healthcare Interfacing Challenges

- An internally developed interface solution that was a critical component in feeding a clinical data application had become too difficult to support and, like many legacy engines, the maintenance costs were increasing at an unacceptable pace. Over 30 clinical systems were providing data to this highly visible application.
- A more robust and cost effective healthcare integration platform was needed to meet both immediate and long term Electronic Medical Record (EMR) connection requirements.
- An interface engine solution needed to be easy to use in several areas including:
 - Building and deploying interfaces:
 - Mapping and routing to different application data specifications.
 - Monitoring and supporting deployed interfaces.

OhioHealth Insights

Tom Baumgartner, Director of Product Development, leads the organization’s efforts to develop and support ORB (clinical data repository) and physician EMR interfaces. Tom’s insights:

“Over the last decade, OhioHealth has internally developed a Clinician portal that grew into a mission-critical application as more and more hospitals were added. In its current state, ORB supports the following:

- Approximately 11,000 user accounts.
- Recorded peaks of 400 concurrent users during the busy hour.

Customer Solution

- Implemented Corepoint Integration Engine™ to replace an internally developed interface solution to serve as a productive interfacing solution for the OhioHealth Results Browser (ORB) — an enterprise-wide clinical data repository — and EMR connectivity to referring physician practices.
- Reasons OhioHealth selected Corepoint Integration Engine:
 - Corepoint Health successfully completed, in the allotted time, a proof of concept defined by OhioHealth: installing the software, creating an ADT and two ORU interfaces, demonstrating making stored procedure calls, and showing operational capabilities (e.g., logging, message searching, monitoring, etc.). Corepoint Health was the only vendor to complete the proof of concept within the given timeline.
 - Robust, simple-to-use functionality in Corepoint Integration Engine, including:
 - Building interfaces quickly and easily — no programming needed.
 - Searching details within message logs.
 - Rapid learning curve for internal staff to become proficient in using the solution.
 - Cost-effective maintenance — powerful, useful interface monitoring, interface testing tools, and business processing rules and formats.

CUSTOMER SUCCESS

- Is used primarily by physicians and nurses, but is also available to many other user types.
- Used by in-house and remote user populations where remote use is more than half of all access methods.
- Supports over 40 HL7 inbound and some outbound interfaces.
- Provides a significant platform to develop additional value-added clinical applications.

As part of the ORB platform, we had an internally developed and supported interface engine that supplied clinical data to ORB from 30 different clinical systems. This internally developed interface engine was getting very difficult to support, and we needed our development team to focus on more value-added projects. Consequently, we decided to evaluate commercially available interface engines through an extensive interface engine vendor selection process.

OhioHealth narrowed the field and did an in-depth evaluation of three interface engine vendors. One of the reasons that Corepoint Health was included in the selection process was because of their positive reputation in the marketplace.

As part of the evaluation, we requested that each vendor do the following in a limited amount of time:

- Install the interface solution on our server.
- Create an ADT (patient demographics) interface.
- Create two ORU (results) interfaces.
- Demonstrate HL7 message parsing and making stored procedure calls into our SQL Server database.
- Demonstrate operational capabilities including message log management and filtered search.

Corepoint Health was the only vendor to complete each requested evaluation criteria and did it in less than two days. Other vendors struggled to get their integration solution operational or too much development time was required to complete the interfacing tasks. Corepoint Health was the clear winner, and we have never looked back on our decision.

From an IT cost standpoint, Corepoint's Integration Engine provided many advantages. It's small footprint makes it easy to install and support. Operationally, Corepoint Health's solution is very intuitive — from building-testing-deploying to monitoring and supporting critical interfaces.

ORB is an extensive database of OhioHealth clinical information. All major clinical systems feed this database, including patient registration, endoscopy, radiology cardiology, PACS, etc. Our new interfacing engine had to have the flexibility and strength to work with all of our applications. Our objective is to have all interfaces from the old integration engine migrated to Corepoint Health by mid 2007. After working with Corepoint Health for well over a year now, we are confident that the Corepoint Integration Engine product has the power and flexibility to accomplish this in a very productive manner.

OhioHealth is primarily a McKesson-based application organization. We use McKesson STAR for patient registration, so it is an essential component in the ORB process. Corepoint Health interfaced effectively with McKesson and data quickly began flowing to ORB.

After we selected Corepoint Health, an EMR interface project that needed to be addressed was given to the ORB team. The requirement was to deliver patient results electronically to a large physician practice that used the GE Centricity EMR. In addition to the ORB project, we decided to use Corepoint Health for this interfacing requirement as well. Using Corepoint Integration Engine, the project was quickly and effectively completed. The clinic now electronically receives their patient test results (lab, radiology, cardiology, etc.) on a timely basis, streamlining their relationship with their patients and OhioHealth. With Corepoint Health, I am confident we can deliver on the growing demand for EMR interfaces to other clinics.

With Corepoint Integration Engine, we are achieving our objectives of lowering the risk of interfacing with various applications, leveraging a feature-rich solution for the long term, and delivering greater productivity in building and supporting our clinical data environment. Corepoint Health is enabling my team to add greater value to the hospital and our clients.

Overall, OhioHealth is pleased with the results that Corepoint Health has delivered to us. The Corepoint Health implementation and support teams are always very responsive, professional, and helpful. We enjoy working with the Corepoint Health team and look forward to building on our relationship.”

About Corepoint Health

Corepoint Health has the healthcare IT experience and strength to deliver a dramatically simplified approach to internal and external data integration and health information exchange for hospitals, radiology centers, laboratories, and clinics. Our next generation software solutions are transformational and will streamline your IT environment, provide a fast track to achieving your interoperability goals, and create operational leverage within your organization. Corepoint Health's solutions achieve a needed balance of being both intuitive and sophisticated while delivering solid functionality and performance.

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