



Orion Health | Case Study

Children's Hospitals and Clinics of Minnesota

Orion Health Rhapsody Integration Engine speeds up development and production for leading US pediatric health system.

Children's Hospitals and Clinics of Minnesota (Children's) is one of the largest pediatric health systems in the United States, serving children throughout the Upper Midwest at two freestanding hospitals, twelve primary and specialty-care clinics and six rehabilitation sites. An independent and not-for-profit system since 1924, Children's maintains its longstanding commitment to the community to improve children's health by providing high-quality, family-centered pediatric services and advancing those efforts through research and education. An award-winning health system, Children's is regularly ranked by US News & World Report as a top children's hospital and by The Leapfrog Group for its quality and efficiency.

An integration challenge

Children's was using a legacy integration engine to exchange information across multiple systems. Once it was determined that the product was being sunsetted, the organization decided to evaluate other integration engine solutions. As one of four pediatric hospitals in the Twin Cities metropolitan area, and red-lining in terms of capacity, the organization was eager to identify an integration solution that it could implement quickly and deliver data in the exact same format it had been using to allow for a smooth transition.

In searching for an integration engine partner, Children's also wanted to future-proof its existing architecture by adding modern and flexible interfaces and setting standards to match its existing workflows. Children's needed a solution to help migrate, manage and streamline message exchange between eighty departmental interfaces including ADT, orders, results and billing for radiology, laboratory, surgery and pharmacy departments.

A powerful back-end integration solution

Children's had adapted to working with an integration technology that was slow and cumbersome, so Orion Health's



CUSTOMER NAME Children's Hospitals and Clinics of Minnesota

LOCATION Minnesota
United States

WEBSITE www.childrensmn.org/

ORGANIZATION TYPE Large pediatric health system

BEDS 381 beds in 2 cities

OUTPATIENT VISITS 259,118 outpatient visits per year

EMPLOYEES 4,526 at 2 hospitals and 18 clinics

PRODUCTS IMPLEMENTED Orion Health Rhapsody Integration Engine

Rhapsody Integration Engine represented a paradigm shift for the organization. Children's selected the solution based on the company's turn-key methodology for legacy conversion projects and the technology's capabilities:

- Quick to install, fast to configure, simple to deploy and easy to use

- Allows for real-time connectivity to Children's ninety-eight different connection points; streamlining processes, reducing operational costs and increasing network reliability
- Ability to build and deploy integrations in hours, without the need for advanced development skills, using Orion Health's Rhapsody's drag-and-drop and wizard-based tools
- Ease of upgrades

"Rhapsody was the clear choice, having been both top in functionality and price point, while consistently rated as a top solution by KLAS and top marks from other customers."

Joe Pinotti
Interface Engineer
Children's Hospital and Clinics Of Minnesota

Orion Health bundled software with training and implementation services, providing the Children's IT team with the resources they needed to take control of the integration project and keep that valuable knowledge within the organization.

Increased productivity, enhanced workflow

Since implementing Rhapsody in 2010, Children's continues to see increased productivity across health information management, lab, pharmacy and radiology departments as a result of leveraging Rhapsody. It has become simpler to pinpoint where data flow and transaction issues are occurring and to address them quickly. Rhapsody enables Children's to streamline the complexity of sharing information across ninety-eight connection points, reducing the amount of resources needed to maintain interfaces. By eliminating software maintenance costs and resource time spent on non-strategic systems, Children's has also seen significant cost savings of \$100K+/year.

Rhapsody has also enabled Children's to add a third server to support its disaster recovery preparedness; by creating additional redundancy, the hospital is able to ensure the safety of electronic patient data. Reports are now 100% accurate and created in the custom formats needed, eliminating the need for additional reporting resources. Rhapsody's unit testing framework has also accelerated Children's development and testing cycles.

Rhapsody ensures effortless integration between Children's hospitals and its ambulatory locations, acting as a mapping and translating mediator between previously incompatible systems. Messages are reliably and accurately delivered regardless of the format or transportation type required. Rhapsody's drag-and-drop configuration allows complex routing and processing to be easily configured, and its powerful web-based monitoring tools enable fast and efficient resolution of issues and/or reprocessing of messages.

Children's Hospitals & Clinics of Minnesota at a glance:

- 381 beds in two cities
- 4,526 employees
- 90,673 emergency room visits annually
- 259,118 outpatient clinic visits annually

By using Rhapsody, they were able to successfully streamline message exchange between eighty departmental interfaces including ADT, orders, results and billing for radiology, laboratory, surgery and pharmacy departments.

Orion Health

At Orion Health, we are building thinking software for life. Our new generation eHealth software provides an open platform that seamlessly integrates local, regional, and national data, making it more readily available to doctors, nurses, specialists and patients themselves. We believe that our software, built on new generation technology, will give everyone healthier, happier and longer lives.

Find out more at: orionhealth.com

Rhapsody® Integration Engine is intended only for the electronic transfer, storage, or display of medical device data, or the electronic conversion of such data from one format to another in accordance with a preset specification as specified in the product manual and/or related documentation. Rhapsody Integration Engine is not intended to be used for active patient monitoring, controlling or altering the functions or parameters of any medical device, or any other purpose relating to data obtained directly or indirectly from a medical device other than the transfer, storage, and conversion of such data from one format to another in accordance with preset specifications. Orion Health makes no warranties and the functionality described within may change without notice.
 ONC Health IT Certification (2014 Edition) Rhapsody Integration Engine and Rhapsody Connect attained 2014 Edition Modular Ambulatory EHR Certification and 2014 Edition Modular Inpatient EHR Certification from the ICSA Labs ONC Health IT Certification Program. This EHR Module is 2014 Edition compliant and has been certified by an ONC-ACB in accordance with the applicable certification criteria adopted by the Secretary of Health and Human Services. This certification does not represent an endorsement by the U.S. Department of Health and Human Services. For more information, please see orionhealth.com/us/support/disclosures/meaningful-use-rhapsody. Rhapsody® is a registered trademark of Orion Health™ Limited, manufactured in New Zealand, by Orion Health Limited. All other trademarks displayed in this document are the property of Orion Health or their respective owners, and may not be used without written permission of the owner. Rhapsody Integration Engine is not intended to be used for diagnostic purposes, or to replace clinical judgment or responsibilities.
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