

Eastern Health BizTalk and Corolar Solution

Players

Dapasoft is a software development and IT consulting firm, offering innovative, customized solutions to clients in a number of verticals. We implement off-the-shelf solutions, develop custom software and provide system integration services to clients in a variety of verticals, including healthcare, public sector, and steel manufacturing.

Corolar is a Dapasoft healthcare integration solution that simplifies and accelerates Healthcare integration solutions based on international Health Level 7 (HL7) standards. Corolar leverages BizTalk and other .NET platform technologies with an industry-specific Healthcare solution as a “key differentiator” to deliver competitive Microsoft platform wins for BizTalk, SQL Server and System Center against the competitive integration technologies.

Eastern Health is the largest integrated health network in Newfoundland and Labrador. Formed on April 1, 2005 from the merger of seven health organizations, Eastern Health offers the full continuum health care services including community and public health care and long-term and hospital care.

Situation

Clinical Consolidation is a critical initiative of Eastern Health. The challenge for Eastern Health was to find a partner with the expertise to consolidate existing clinical information systems (laboratory, diagnostic imaging, medical records, admissions, nursing order entry, pharmacy and patient care inquiry) across different hospital sites onto a single platform. Eastern Health’s objective was to improve data management and the overall quality of care that Eastern Health provides to residents across the region.

Historically, system integration at Eastern Health was implemented through a large number of point-to-point interfaces. Eastern Health recognized that system integration plays a key role in Clinical Consolidation and identified the need for a strategic integration engine platform to support the daily mission-critical operations of the healthcare systems. This integration platform would allow Eastern Health to maintain the requirements of current regional and provincial initiatives and would bear consideration to the need for extendable and scalable integration capacities for future EHR initiatives.



CUSTOMER AT A GLANCE

Eastern Health

- Based in St. John’s, Newfoundland
- Largest integrated health network in Eastern Canada
- Operates seven acute care facilities, six community health centers, 12 long-term care facilities, the Dr. H. Bliss Murphy Cancer Centre and the L.A. Miller Rehabilitation Centre
- Operations extend to more than 80 hospitals, health care centers, long-term care facilities and community care sites
- Overall region includes 111 incorporated municipalities, 69 local service districts and 66 unincorporated municipal units

When Eastern Health realized a need for a strategic integration engine platform to support its mission-critical operations of healthcare systems, they turned to Corolar.

The Win

Eastern Health selected the BizTalk Server 2009 and Corolar solution for its strategic integration engine platform and contracted Dapasoft to implement the high availability integration solution.

The benefits of the BizTalk and Corolar solution for Eastern Health include:

- Reduced Total Cost of Ownership (TCO)
- The BizTalk Corolar solution leverages established .NET technologies (Visual Studio, SQL Server and Windows) within Eastern Health, facilitating development, operations, and maintenance in-house, reducing dependencies on system vendors. The standardized and optimized healthcare integration platform enables Eastern Health's self-sufficiency in delivering complex interfaces for the entire pharmacy department within a month.
- Built on the BizTalk platform, Corolar provides a full end to end healthcare integration solution.
 - ASP.NET based Interface Design and Reporting Tool
 - Visual Studio Add-ins and Testing Tool simplifies and accelerates the development of BizTalk projects
 - Production Monitoring Tool optimized for HL7 interfaces with the built-in integration with System Centre
 - Key differentiator for Eastern Health in choosing BizTalk and Corolar from competitive bids as an integration platform

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About Us

Dapasoft is a private IT integration, software development, and consultant firm. We take great pride in developing innovative custom solutions for clients in many different industries, including healthcare, public sector, metal industry, and travel. Founded in 1997, our IT professionals allow us to present unique solutions that will help your organization reduce costs and improve efficiency.

We are proud to be a Microsoft Gold Partner with competencies in the following areas:

Custom Development Solutions
Information Worker Solutions

Data Management Solutions
Business Process and Integration Solutions



Award Winning Solution
2008 & 2009

