

Hydro One Networks Surges Ahead by Deploying a Flexible SOA Platform

The Challenge

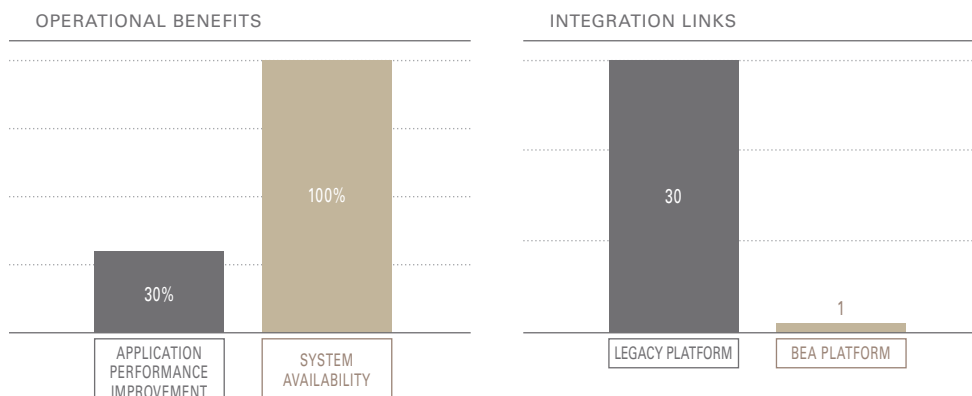
Hydro One Networks, wholly owned by the Province of Ontario, maintains Ontario's electricity transmission system with a distribution network that stretches over 75,000 miles and serves more than 1.3 million customers. Prior to deploying Oracle Service Bus (previously called AquaLogic Service Bus), Hydro One was developing highly customized IT applications to support its business. Although implementation times were lengthy using this approach, historically it had been successful. Due to the increased complexity and competitiveness of the utility industry, Hydro One needed to adopt a more nimble IT architecture to keep pace with the needs of its customers and requirements of regulators. Hydro One's strategy was to:

- Build out a flexible IT business platform based on service oriented architecture (SOA)
- Accelerate time to market for new applications

The Solution

Hydro One selected Oracle after evaluating several business platform options. Oracle's leadership in SOA solutions, the quality of its product offerings, and vision for the future aligned very well with Hydro One's SOA strategy. As a result, Hydro One began building a new SOA-based infrastructure on Oracle Service Bus and quickly gained flexibility to make rapid changes to its IT infrastructure while minimizing integration risks. In addition, Hydro One is realizing the following benefits:

- Standardized business platform to enable plug-and-play interoperability between applications, systems, and data sources
- Simplified integration and change management that accelerates the delivery of new applications and services
- Increased integration for packaged solutions with decreased reliance on custom-coded solutions and dependency on specialized resources
- Improved customer service and increased workforce productivity



HEADQUARTERS:	Ontario, Canada
FOUNDED:	1906 (Former Ontario Hydro)
INDUSTRY:	Utilities
REVENUE:	US\$4.4 billion
EMPLOYEES:	4,600

HIGHLIGHTS:

Goal

To deploy a business platform based on open standards that simplifies integration, shortens development time, and loosely couples applications and systems for maximum agility.

Solutions

- Oracle Service Bus

Results

- 30% improvement in application performance
- 100% system uptime
- More than 30 point-to-point integration links replaced with a flexible, standardized business platform

“As the energy industry undergoes immense changes in the years ahead, our Oracle platform has positioned us for success. Oracle Service Bus allows SOA to cut across organizational boundaries, and this improves our entire organization by making information more accessible and usable.”

NORM CROOK
DIRECTOR OF IT, HYDRO ONE NETWORKS