

Kx Powers Electricity Information Exchange for 3.7 Million Consumers



Overview

Organization: **Transmission System Operator in Europe**

Partner: **CGI**

Geography: **Europe**

Industry: **Energy**

Employees: **300+**

CGI is amongst the largest IT and business consulting services firms in the world delivering end-to-end services and solutions, including strategic IT and business consulting, system integration, intellectual property, and managed IT and business process services. Kx has been selected, alongside its partner CGI, to deliver a next-generation electricity information exchange for a European transmission system operator.

“With Kx, CGI’s Central Market Solutions is ready to challenge the market and to move forward using real-time data.”

Mattijs van den Hoed
Vice President-Consulting, CGI

Challenge

This European transmission system operator centralizes information exchange for retail markets serving 3.7 million consumers, 100 electricity suppliers and 80 distribution network companies. They look to effectively operationalize data management, message processing, and transaction data. Demanding regulations in EU transmission and market operators demands providers to shift towards advanced next-generation capabilities by 2022.

Why Kx

Kx was selected, alongside its partner CGI, to deliver a next-generation information exchange for this European energy provider. Kx will provide key functionality for this new system which will be integrated with CGI’s Central Markets Solutions (CMS), one of the world’s largest providers of systems to the utilities markets. CGI found improved service levels and reduced risk by completing meter data processing and market calculations in minutes compared to many hours. Together, Kx and CGI will provide an advanced system that will transform the capabilities of market participants within the European electricity market.

Benefits

The key elements that Kx will provide are around its data management and settlement functions, handling data validation and frequent recalculations of market settlement amounts involving large amounts of time-series data, historic and real-time. This partnership keeps the transmission system operator on track to manage regulations by 2022 and supports the following key benefits:

- **Improved operational efficiency**, with a real time settlement quality dashboard with ‘instant’ fixing and drill down.
- **Minimal infrastructure requirements** and complexity of solution to reduce cost of operations and service delivery.
- **Simplified, faster and enhanced efficiency** of data exchange across the electricity retail market.
- **Improved customer experience** with creation of value-added services.
- **Supports EU’s transition to a fossil-free society.**