



CASE STUDY:
Digital Transformation to Oracle
Fusion Middleware (OFMW) and
the Oracle Cloud Platform



“Sofbang has helped us save costs and significantly improve productivity with a streamlined Fusion Middleware DevOps strategy, taking infrastructure automation and management down to minutes instead of days, weeks and even months.”

Exelon is a Fortune 100 company that works in every stage of the energy business. From power generation and competitive energy sales to transmission and delivery, Exelon is the nation’s leading competitive energy provider doing business in 48 states, D.C. and Canada. Through their six utilities, they deliver electricity and natural gas to over 10 million customers through their subsidiaries and is a leading provider of zero-carbon nuclear energy.

With multi-geographic locations and an increasing number of customers and employees, Exelon was in need of modernizing their existing legacy systems. To meet their strategic goals and objectives to modernize, Exelon invested in a multi-year Oracle agreement to streamline and consolidate their enterprise-wide applications, middleware and database technology stack.

To help optimize their Oracle investments, Exelon engaged Sofbang to help drive their private cloud middleware and modernization migration initiatives.

Customer Needs

Exelon's middleware environment was reliant on legacy systems. With their Oracle agreement, Exelon wanted to implement a private cloud platform with multi-tenant, multi-region, self service capabilities that would also host their customer-facing business-critical applications. In order to integrate their backend systems with the mobile and cloud initiatives, Exelon was in need of instituting an end-to-end SOA Governance initiative, utilizing the Oracle Fusion Middleware (OFMW) stack and pave the way for a migration plan from existing systems to OFMW and the Oracle Cloud Platform.

The Solution

With more than a decade of integration and Oracle Fusion Middleware expertise as well as a rich history of successful enterprise wide projects of this nature, Sofbang was brought on to help with Exelon's enterprise digital transformation. Sofbang provided the design and delivery of a fully automated OFMW environment. Along with setting up an OFMW private cloud infrastructure, our architecture team is working side-by-side with Exelon's technology leadership. Sofbang is incorporating best practices, development standards, SOA Governance and architecture design patterns to develop, setup and deploy OFMW in a simple and easy way in comparison to their current integrations.

Impact

The Oracle Fusion Middleware and Oracle Cloud Platform initiatives are laying the foundation for Exelon's enterprise wide program to optimize their Oracle investments. To date, the project has significantly reduced maintenance and support costs with existing systems. Additionally, the OFMW environment is proving the required scalability and standardization to address Exelon's private and public cloud initiatives. This is, helping them reduce integration costs and complexities as their M&A strategy and consolidation efforts of the various operational companies, is essential to their business.

Results

- ✓ Reduced integration costs and complexities.
- ✓ Simplified technical platform while lowering its total cost of ownership.
- ✓ Enabled a common integration model between LOBs and applications.
- ✓ Enhanced scalability and flexibility allowing for reusability of components and services.
- ✓ Streamlined OFMW DevOps strategy and private cloud infrastructure.
- ✓ Brought infrastructure automation and provisioning down to minutes from days, weeks or even months.