



JD Edwards EnterpriseOne Upgrade and Migration to Oracle Cloud Infrastructure (OCI)



Federal Signal was founded in 1901 as the Federal Electric Company in Chicago, Illinois, by John Goehst, James Gilchrist, and John Gilchrist. The company originally manufactured and sold store signs lit by incandescent lamps. As Federal Signal grew and diversified, they went public in 1969 (NYSE-FSS). Today, Federal Signal designs, manufactures and supplies a suite of products and integrated solutions for municipal, governmental, industrial, and commercial customers under a variety of recognized brand names. Headquartered in Oak Brook, Illinois, the company has over 3,100 employees worldwide, 14 principal manufacturing facilities in 5 countries, and sales in excess of \$1B.

The Challenge

With their third-party hosting contract coming up for renewal, Federal Signal faced several key challenges. They were currently running an older release of JD Edwards, EnterpriseOne 8.11, and were using third-party support for both the application and database, which limited both their support options and their ability to add new JD Edwards functionality. Their dealers and distributors couldn't easily access the system. The current environment was antiquated and ran on a variety of platforms, including the database running Oracle 11g on Solaris; the enterprise servers running on Linux and Windows; and the web, deployment, and DSI servers running on Windows.

"This was a very high-profile project for Federal Signal and we had to do it right. GSI was instrumental in our successful migration to the Oracle Cloud Infrastructure as well as our upgrade to the latest release of EnterpriseOne"

Jennifer Jensen,
Director, Business Solutions
Federal Signal

COMPANY SNAPSHOT

Company: Federal Signal

Location: Oak Brook, Illinois, USA

Industry: Industrial Manufacturing

Employees: 3,100 Employees

Products & Services: Manufactures and supplies a suite of products and integrated solutions for municipal, governmental, industrial, and commercial customers under a variety of recognized brand names

GSI Solution:

- Migration to Oracle Cloud Infrastructure (OCI)
- (IaaS and dBaaS)
- Upgrade to latest release of JDEdwards EnterpriseOne

Federal Signal was faced with several options as they strategized next steps, including migrating to the Cloud, remaining with their current hosting provider, moving to a new hosting provider, or bringing it back in-house. After evaluating their options, they decided to move forward with Oracle Public Cloud (IaaS and PaaS). GSI would handle the migration to the Cloud, the upgrade to the latest release of JD Edwards, as well as provide managed services.

The Results

Federal Signal divided the high-profile project into two phases to reduce its risk and complexity. Phase 1 included a lift and shift of their existing JD Edwards EnterpriseOne 8.11 environment to the Oracle Cloud Infrastructure, which was successfully completed in four months with no business impact. The second phase of the project included an upgrade to the latest application release of JD Edwards EnterpriseOne. This was successfully completed in six months, including addressing technical considerations, approximately 3,000 customizations, and 27 integrations. As part of future phases, Federal Signal plans to leverage the full capabilities of the system, including UX One, E1 Pages, Orchestrator and Mobility AIS. They also plan to leverage the core capabilities provided by GSI, including GENIUS AI advanced monitoring and analytics, gShield security tools, and RapidReconciler inventory software.





“The project was successful because of GSI, the business units, and IT all working together.”

**Brian Hale,
Manager of Technical and
Cloud Operations
Federal Signal**

For more information:

Contact us today to learn more. You can also [email us](#) or call (855) 474-4377.

GSI, Inc.

GSI is a forward-thinking organization that aligns and optimizes your digital footprint with your business goals. We combine our deep business and industry experience with our expert knowledge of enterprise applications, automation, cloud and cybersecurity to deliver secure and flexible systems that allow your business to thrive and not just survive.“

GSI’s comprehensive suite of solutions includes: AppCare, a 24/7 managed service that includes EaaS with flexible “on-demand” services and dynamic pricing; GENIUS AI, an Application Intelligence Platform (AIP) for creating application health and user experience monitors; GENISYS, a solution for optimizing system performance; RapidReconciler®, its inventory reconciliation software; GENOME, which automatically Detects, aNalyzes and Automates the process of converting customizations into Orchestrations; and GatewayNow, low-cost, accelerated time-to-value ITSM solution using the industry-leading ServiceNow platform in a fully managed environment.

GSI consulting and managed services are backed by its signature 100 percent guarantee. Founded in 2004, the rapidly growing company is headquartered in Atlanta with worldwide resources. With over 100 employees, GSI consultants average over 15 years of real-world experience and are certified experts in business, industry, and enterprise applications. GSI provides comprehensive 24/7 global support.

Why GSI?

- ✓ Lift and shift of existing environment to the Oracle Cloud Infrastructure
- ✓ Upgrade to the latest application of JDE EnterpriseOne