



JTEKT | JTEKT NORTH AMERICA CORPORATION

JTEKT, an Oracle E-Business Suite user, sought to scale up their business by improving efficiency through a shift to a multi-node setup using Real Application Clusters (RAC). They aimed to automate their Electronic Data Interchange (EDI) file system for sales, suppliers, and purchases. Considering the advantages of scalability and accessibility, they explored transitioning from their on-premises EBS system to a cloud infrastructure.

At a glance

Location: Greenville, SC, USA **Industry:** Machine Tools Manufacturer **Founded:** 2006

Website: jtekt-na.com

Challenge

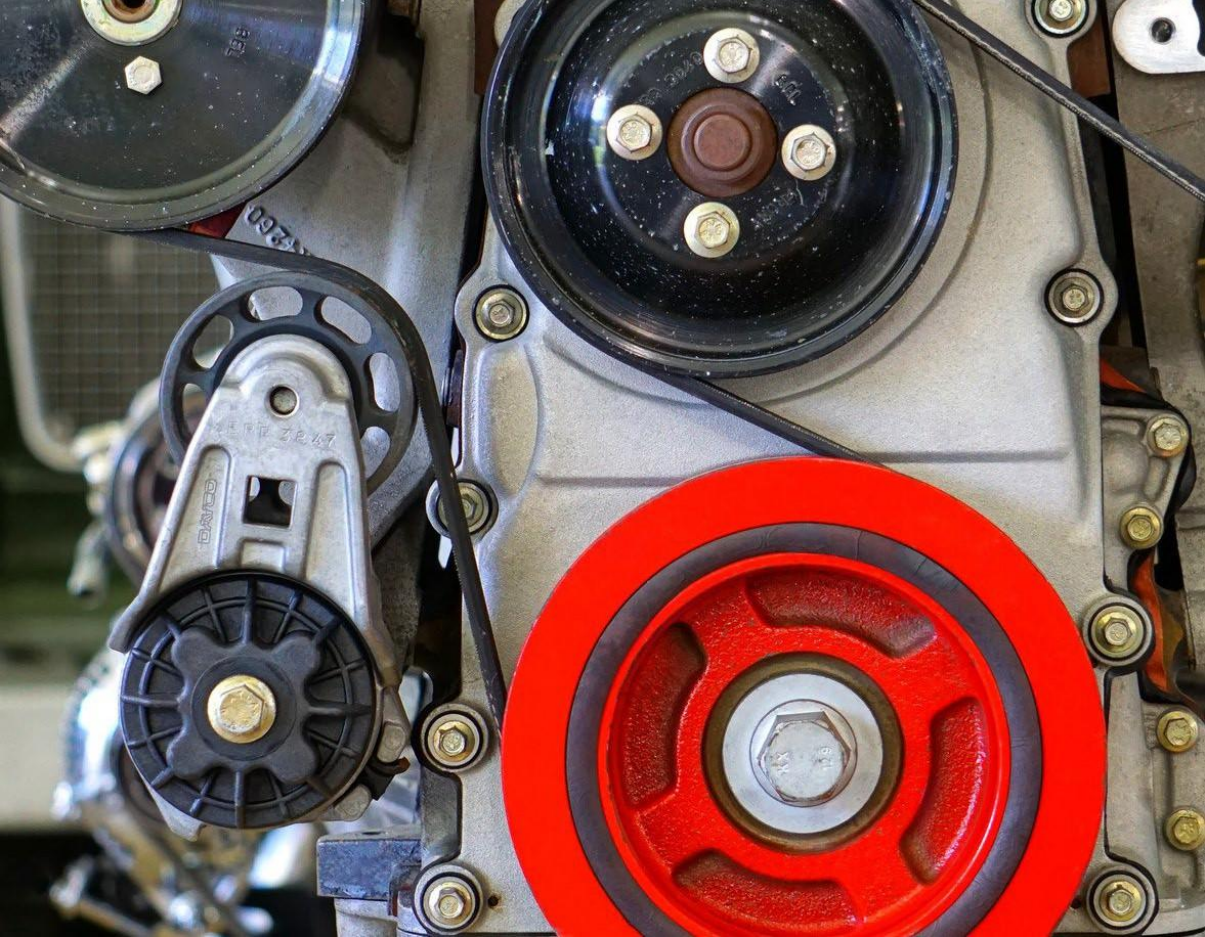
JTEKT NORTH AMERICA Ltd is a prominent bearing manufacturer and a leader in machining technologies within the machine tool industry. They have four core product technologies: bearings, steering systems, driveline components, and machine tools. In 2014, JTEKT adopted Oracle E-Business Suite, proving beneficial in cost reduction and operational efficiency. However, over time, frequent downtime led to a system architecture reassessment. To fortify infrastructure, JTEKT planned a shift from a single-node to a multi-node setup with Real Application Clusters (RAC) and explored EDI file system automation. Considering future advancements, they contemplated migrating to a cloud infrastructure for scalability and accessibility, seeking FourthSquare's assistance for a holistic enhancement.

Solution

Assisted by FourthSquare, JTEKT successfully implemented Oracle E-Business Suite modules across their business verticals to support their growth. Finance utilized Accounts Payable, Accounts Receivable, General Ledger, and Cash Management, while Procurement streamlined processes with iProcurement and Purchasing. Supply Chain Management benefited from the Order Management module, and Manufacturing operations were managed through Work in Process, Bill of Materials, and Inventory modules. Advanced monitoring was facilitated by ECC, OBIEE, and EIS modules.

Benefits

- **Adoption of Oracle E-Business Suite** modules streamlined operations, enhanced efficiency, and informed decision-making.
- **Transitioning to a multi-node setup with RAC** improved system reliability, and potential migration to a cloud infrastructure offered scalability and accessibility benefits leading to business growth
- **Automation of the EDI file system** contributed to enhanced efficiency and automated critical business processes.



Customer

JTEKT North America Corporation, part of JTEKT Corporation, was founded in 2006 through the merger of Koyo Seiko, Co., LTD and Toyoda Machine Works, LTD, forming a new global company combining modern technology with a rich heritage of quality. With more than 5000 associates and 23 facilities, including 12 manufacturing sites, 3 Technical Centers, and 5 Distribution Centers, JTEKT North America manufactures a broad range of products under three solid brands: JTEKT Automotive Systems, Koyo Bearings, and Toyoda Machine Tools.

Holistic Enhancement with Oracle

Seeking a comprehensive transformation for faster scalability, JTEKT, a longstanding Oracle adopter since 2014, turned to the trusted Oracle E-Business Suite modules to revolutionize their business processes. Acknowledging the need for expertise, they partnered with their long-term ally, FourthSquare, to push the boundaries of their capabilities.

Understanding the triple objectives of streamlining operations, improving efficiency, and enabling more informed decisions through robust reporting and data analytics, FourthSquare and JTEKT collaboratively identified strategic solutions for each business vertical.

- Accounts Payable (AP), Accounts Receivable (AR), General Ledger (GL), and Cash Management were deployed to manage financial transactions, accounts and cash flow.
- Procurement processes were streamlined with iProcurement and Purchasing. Order Management was employed in Supply Chain Management for efficient customer order management and a smooth order-to-cash process.
- Work in Process (WIP), Bill of Materials (BOM), and Inventory were utilized for managing operations, tracking work in progress, and handling inventory.
- For advanced reporting, JTEKT leveraged reporting modules like ECC (Enterprise Command Center), OBIEE (Oracle Business Intelligence Enterprise Edition), and EIS (Executive Information System).

This collaborative effort between JTEKT and FourthSquare demonstrates a strategic implementation of the right solutions to address specific business needs across various verticals.

Business Impact

Transformation through Oracle E-Business Suite

- Oracle E-Business Suite modules marked a shift in JTEKT's business processes by streamlining operations and efficiency.

Real Application Clusters (RAC) and Cloud Migration

- Recognizing the need for a resilient, JTEKT transitioned to a multi-node setup with RAC and potential migration to a cloud infrastructure improved system reliability and scalability.

Planned Automation of EDI File System:

- Planned automation of the Electronic Data Interchange (EDI) file system contributed significantly to enhanced operational efficiency and streamlined critical business processes.

Comprehensive Overhaul and Future Readiness

- These initiatives reflect JTEKT's commitment to a technological overhaul aligned with evolving business demands for future growth and technological readiness.



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