



LEADING OEM SUPPLIER UPGRADES TO THE LATEST RELEASE OF ENTERPRISEONE/GENISYS TESTING FOR ENHANCED EFFICIENCY

CASE STUDY

CUSTOMER PROFILE

HQ

Lake Forest, IL, USA

FOUNDED

1988

LOCATIONS

86 Locations Global
Operations Doing Business
in 22 Countries

INDUSTRY

Industrial Manufacturing &
Distribution

PRODUCTS & SERVICES

JD Edwards EnterpriseOne

INTRODUCTION

Established in 1988, the organization has evolved into a diverse, engineered products company known for serving high-growth niche markets. Operating across three major business segments—Fluid & Metering Technologies, Health & Science, and Diversified Products—it delivers innovative solutions to original equipment manufacturers and end-users worldwide. The organization is symbolized by the acronym for “Innovation, Diversity, and Excellence,” and is publicly traded on the New York Stock Exchange. Boasting 86 locations and over 6,700 employees, the company is at the forefront of providing exceptional products and services.

CHALLENGES

Faced with the challenge of an existing custom-developed eCommerce Site interfacing with an outdated JD Edwards release using a Java API, the organization needed to address modifications made to the JDE App Server call method. This situation, coupled with anticipated higher customer user loads, necessitated thorough testing before production. Acting as the JD Edwards business partner, IT Convergence recommended its load, stress, and regression tool to test and validate the solution. This involved setting parameters within the eCommerce application to control calls to the JDE App Server, ensuring it remained efficient under varying conditions.

SOLUTIONS

IT Convergence’s comprehensive solution involved leveraging the GENISYS testing tool to determine the optimal parameters for throttling calls to the JDE App Server. This proactive approach ensured that the server would not be overburdened, maintaining smooth operations. Subsequently, during an upgrade to the latest release of JD Edwards EnterpriseOne and related infrastructure changes, ITC adapted and modified scripts to align with the upgrade’s requirements. Rigorous testing reaffirmed the system’s capacity to handle simultaneous calls from the eCommerce site, covering multiple components such as the eCommerce Tool, the JDE App Server, SQL Server, and eCommerce Server.

RESULTS

Through the strategic partnership with IT Convergence, the organization successfully addressed and overcame its challenges. Utilizing the testing tool, they confirmed the ability to control calls to the JDE App Server, preventing overload issues. Subsequent testing during the JD Edwards EnterpriseOne upgrade validated the system’s capability to manage simultaneous calls, ensuring the efficiency of the entire ecosystem. This collaborative effort ensured a seamless transition, emphasizing the resilience of the organization’s digital infrastructure.

