



Quality Control System on its Last Legs Migration to a New, Stable Platform the Key to Revitalization

CLIENT

A global manufacturer of construction and mining equipment, diesel and natural gas engines, industrial gas turbines and diesel-electric locomotives in a solid leadership position worldwide.

CHALLENGE

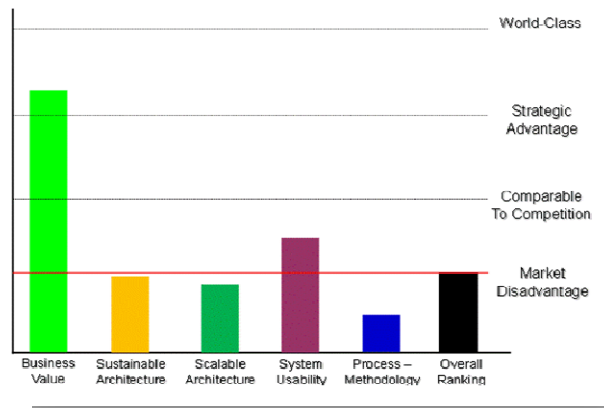
A critical business application delivering key corporate performance metrics on Quality and Reliability was floundering with huge performance, scalability, and cost concerns.

SOLUTION

Working closely with client's IT and business teams, Netra led the effort to assess the existing solution, recommend a new solution, and migrate to the new platform. We developed a transition roadmap that reduced costs & improved performance.

“We had to do something, but a rewrite would have taken too long. The re-architected system runs like a top and we avoided any downtime, which would have been costly.”

- Quality Control Manager



Key assessment criteria were:

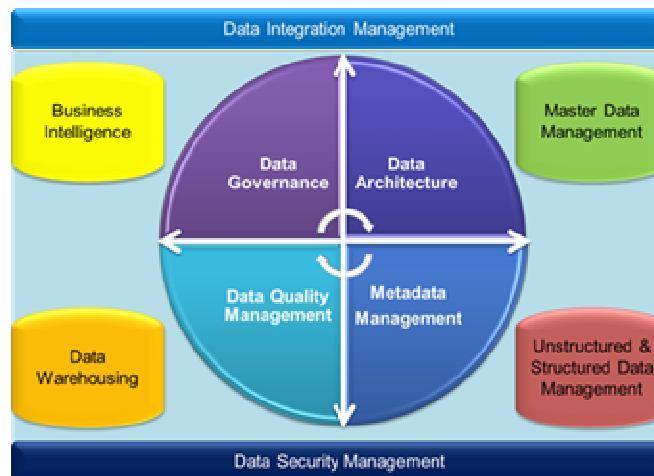
- Performance
- Usability
- Scalability
- Sustainability

The project scope included:

- Data Architecture & Data Management
- Application Architecture
- Best practices for Process and Governance

RESULTS

Netra helped develop a high-performance Quality Control management system based on a low-redundancy, sustainable data architecture and technology platform. Organizational structure recommendations and improvements helped reduce costs. Netra also provided established, repeatable development processes and provided knowledge transfer to the client’s core IT team on best practices for end-to-end systems development.



Netra EIM Framework

VALUE PROPOSITION

- Templates and best practices from our EIM framework sped design and development of a scalable and flexible solution architecture
- Data Warehousing / BI assessment, architecture, and implementation experience and expertise
- Oracle BI, DB2, and portal development expertise
- Effective Program and Project Management capabilities
- Years of Manufacturing industry expertise

TECHNOLOGY

Oracle, DB2, PL/SQL integration programs, web portal, and custom Java development