PYTHIAN LEADS FLAWLESS MIGRATION TO TOWER INTERNATIONAL’S NEW ORACLE RAC CLUSTER.

Tower International is a global automotive parts supplier that competes in a highly cost-conscious business environment. The company supplies the automotive industry with body-structure stampings, frames, and other chassis structures, as well as complex welded assemblies for small and large cars, crossovers, pickups and SUVs.

BUSINESS NEED
To lower its operational costs, Tower consolidated its global PeopleSoft applications and data into a centralized environment. However, the new PeopleSoft environment needed to serve global operations, not just North American users—introducing high availability and complex migration requirements. Tower’s IT management recognized the risks associated with moving to a consolidated, highly available, clustered server environment. They also realized there was a knowledge gap between Tower’s existing staff and service vendors when it came to migrating and a lack of in-house expertise to tune and troubleshoot complex cluster configurations.

SOLUTION
Pythian mentored Tower employees on Oracle RAC implementation and operational best practices.

RESULT
A flawless migration at a fraction of the cost.

CLIENT
Tower International

INDUSTRY
Automotive

TECHNOLOGIES
Oracle® Real Application Clusters; Linux®; PeopleSoft®

BUSINESS NEED
Tower wanted to achieve the significant cost savings associated with server consolidation through virtualization and database cluster software. Tower’s IT management team recognized the risks associated with such a move and could not afford any downtime during the migration.

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Working alongside Tower and its third-party service provider, Pythian was engaged to lead the planning and execution of the cluster environment migration. Pythian sent an on-site implementation team to develop the migration strategy and set up a production cluster infrastructure. During that time, Pythian mentored Tower employees on Oracle RAC implementation and operational best practices. Once deployed, the Pythian team provided remote support for the migration to the new platform and continues to provide proactive and reactive services related to the production Oracle RAC Linux cluster, including consolidation of a number of additional environments to the existing cluster.

RESULT
Tower International witnessed a flawless migration to its new Oracle RAC cluster for its PeopleSoft applications. By retaining Pythian for ongoing Oracle RAC support, it has a specialized and focused set of resources that plays a key role in maintaining system availability. This comes at a fraction of the in-house cost of hiring and retaining a specialized Oracle RAC database administrator. Tower International took full advantage of the cost savings of system consolidation without compromising on key skills needed to maintain system availability.

- Reduced redundancies in IT and PeopleSoft applications across the organization
- Offset availability risks associated with complex networking and cluster software.

ABOUT PYTHIAN
Pythian is a global leader in data consulting and managed services. Since 1997, we have specialized in planning, deploying, and managing business-critical data systems for large and mid-market enterprises. Learn more about Pythian and its elite teams of data experts at www.pythian.com.