



Objective

Improve performance and scalability for mission-critical ERP solution supporting global manufacturing and distribution operations

Approach

Modernize mission-critical environment with HPE Integrity Superdome X Servers, HPE 3PAR StoreServ 7200 Storage, and HPE Technology Services

IT Matters

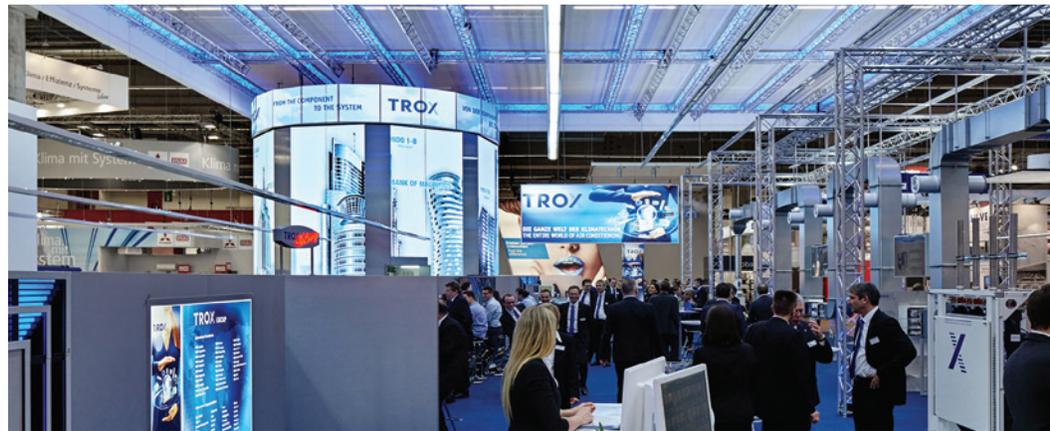
- Increased application performance by 200%
- Doubled scalability to enable global rollout of mission-critical ERP system
- Experienced no unplanned downtime since deploying Superdome X

Business Matters

- Reduced licensing and support costs by 50% through consolidation
- Leveraged data more effectively to enhance workforce productivity
- Enabled ongoing expansion of international market position

Air handling manufacturer drives greater efficiency and productivity with Superdome X

Delivers massive performance boost for global rollout of mission-critical ERP



Harnessing data for greater efficiency

Since 1951 TROX has been a name associated with innovation and quality in air conditioning and ventilation. This German company is a leader in both the development and manufacturing of air handling systems, following a unique single-source approach. TROX provides every component, device, and system needed to deliver a complete, perfectly balanced system for each specific building type. This is the key to achieving maximum energy efficiency for the customer while minimizing the company's coordination effort during design and installation.

Enterprise resource planning (ERP) plays a key role in running TROX's global operations, and the company had a mix of different ERP applications on a variety of legacy UNIX-based HPE servers. While most of the infrastructure was centralized in Germany, some of TROX's 14 production facilities in 28 other countries supported their own databases and storage platforms. When TROX decided to rollout a unified ERP system to support its global operation, the company needed to consolidate its infrastructure in order to harness valuable data more efficiently and drive greater workplace productivity.

“Migrating our ERP application to HPE Superdome X servers massively boosted our performance by at least 200%. We also reduced our support and licensing costs by up to 50% while doubling our scalability to support the global rollout of our ERP system.”

— Heiko Preisler, IT Manager, TROX GmbH

A long-time HPE customer, TROX decided to modernize its IT infrastructure with HPE Integrity Superdome X. The company chose Superdome X because it provides the mission-critical availability and stability TROX was familiar with from the UNIX environment, which was fundamental given the criticality of ERP for the business. In addition, since TROX was looking for ways to consolidate, the breakthrough scalability of Superdome X was ideal. With support for up to 16 sockets, Superdome X provides both the capacity to consolidate TROX's various systems, as well as room for future growth. What's more, support for hard partitions offers the infrastructure flexibility TROX needed to deploy separate environments in the same enclosure.

Comprehensive mission-critical solution for the data-driven organization

TROX consolidated its servers, Oracle databases, and Infor LN ERP application on the vertically scalable Superdome X running SUSE Linux. The production Superdome X is centrally located in TROX's Nordrhein-

Westfalen production datacenter, while HPE Serviceguard for Linux provides automated failover to HPE ProLiant DL580 Servers in a disaster recovery site approximately one kilometer away.

In addition, TROX replaced IBM with HPE 3PAR StoreServ 7200 storage to achieve uncompromising performance and scalability. HPE Technology Services provided Installation and Deployment Services to ensure a fast, smooth implementation of both Superdome X and 3PAR storage. And ongoing HPE Datacenter Care Services augment TROX's internal capabilities to optimize IT service quality and productivity while reducing risks and costs. HPE Foundation Care 24 x 7 Service provides TROX with rapid, round-the-clock hardware and software support.

Heiko Preisler, IT manager at TROX, remarks, “We chose HPE Superdome X with 3PAR StoreServ for their outstanding scalability, which was critical to achieving our consolidation goals. At the same time we are able to realize the highest levels of availability,

Customer at a glance

Application

- Oracle databases running mission-critical ERP applications for manufacturing and distribution operations spanning 28 countries

Hardware

- HPE Integrity Superdome X
- HPE ProLiant DL580 Servers
- HPE 3PAR StoreServ 7200 Storage

Software

- SUSE Linux Enterprise Server
- Oracle Database
- Infor LN ERP
- HPE Serviceguard for Linux

Services

- Installation and Deployment Service
- Datacenter Care Service
- HPE Foundation Care 24 x 7 Service

which is mandatory for our mission-critical applications, thanks to the superior RAS capabilities of Superdome X and Serviceguard for Linux clustering software.”

Massive performance boost while lowering costs

This comprehensive infrastructure solution built on HPE Superdome X has transformed TROX into a powerful, data-driven organization. By centralizing mission-critical Oracle databases and Infor LN ERP application for its worldwide organization, the company greatly reduced IT complexity to lower costs. Moreover, Superdome X improved performance, scalability, and availability substantially.

“Migrating our ERP application to HPE Superdome X servers massively boosted our performance by at least 200%,” reports Preisler. “We also reduced our support and licensing costs by up to 50% while doubling our scalability to support the global rollout of our ERP system.”

The addition of HPE 3PAR StoreServ storage further enhanced the solution with flash-driven performance and “six nines” availability. In fact, TROX has experienced no unplanned downtime since deploying Superdome X.

Heiko Preisler, TROX’s chief information officer, comments, “Our applications are now running so fast we can hardly believe it.”

With Superdome X and a complete mission-critical infrastructure solution from HPE, TROX can now harness the full power of data to empower its people and processes. Using data to enhance workplace productivity, generate greater market insights, and improve operational efficiency will enable the company to attain its strategic business objectives and continue expanding its international market position efficiently and sustainably.

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