

NürnbergMesse

Future-proof IT infrastructure for trade fairs and large-scale events



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For the technology refresh of its storage infrastructure, the event specialist selected a solution from Fsas Technologies that enables secure, highly available operations while reducing energy consumption.

Challenge

The long-standing blade server and SAN storage infrastructure required a complete overhaul. The licensing model for the central event-planning application made virtualization neither economically nor technically viable.

Solution

Fsas Technologies and implementation partner DIS Daten-IT-Service deployed an ETERNUS storage cluster for highly secure, high-performance data storage over a SAN with PRIMERGY servers.

Results

- License-compliant, highly available operation of the central event-planning application
- High reliability and performance with reduced operating costs
- Lower energy consumption, making an important contribution to the sustainability strategy

“With the solution from Fsas Technologies, we have created an infrastructure that fully meets our requirements for simplicity, security, and sustainability. It also enables us to ensure the license-compliant, highly available operation of our central event management application.”

Norman Tröger, Senior Manager, IT Management NürnbergMesse

Industry:
Trade fairs and events

Country
Germany

Website:
nuernbergmesse.de

Employees
~1200

The Customer

With eleven international locations and a network of representatives in more than 100 countries, the NürnbergMesse Group is one of the world's largest trade fair companies. Its portfolio of in-person and digital events focuses on five key sectors: Retail & Consumer Goods, Building & Construction, Process Technology, Electronics & Security, and Social & Public.



Modernized IT infrastructure for simple, secure, and sustainable operations

After many years of reliable service, the existing blade server and SAN storage infrastructure was due for a comprehensive technology refresh - particularly as the intensive use of virtualization had reduced the significance of the technical advantages offered by traditional blade systems. Increased use of cloud services has reduced the need for additional server and storage resources over the past two to three years. Nevertheless, the reliable operation of on-premises systems will remain essential.

The goal was to create a future-proof IT infrastructure that would be simple and secure to operate, supported by capable partners. The central focus was the event-planning application, which required a license-compliant, reliable, and highly available operating model at an economically viable cost.

Highly secure data storage

The ETERNUS storage cluster, comprising two ETERNUS systems, provides highly secure, high-performance storage for all business-critical data. A storage controller based on the PRIMERGY RX1330, together with four Brocade switches, connects the storage to the servers via the SAN, ensuring high-performance, redundant connectivity.

A virtualization cluster comprising six PRIMERGY RX2540 servers ensures the reliable operation of virtualized resources. For licensing reasons, the central event-planning application, Rubin, runs on four dedicated PRIMERGY servers, ensuring license-compliant and highly available operation.

Partner:



Minimized downtime with Infrastructure Manager (ISM)

By using Fsas Technologies Infrastructure Manager (ISM), downtime—for example, in the event of hardware failures - can be minimized and data loss prevented. The deliberate decision to run Rubin on physical servers, with purpose-built operating system partitions to ensure data security and availability, also maintains license compliance without compromising reliability or availability.

Reliable operation with sustainable added value

Thanks to the new solution, the NürnbergMesse Group benefits from highly reliable, high-performance server infrastructure and lower operating costs. The significantly reduced energy consumption of the Fsas Technologies systems also makes an important contribution to the company's sustainability strategy.

Fsas Technologies

Kontakt: cic@fujitsu.com
00800 37210000*
Montag–Freitag, jeweils 08:00–18:00 Uhr

* Kostenfrei aus allen Netzen in Deutschland, Österreich und der Schweiz

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