FUJITSU

Case Study
Egon Großhaus GmbH & Co. KG

"Our collaboration with Fujitsu and IT Südwestfalen AG was handled highly professionally and effectively. The storage unit installation and data migration went without a hitch."
Walter Flender, IT Management, Egon Großhaus GmbH & Co. KG

The customer

Country: Germany
Industry: Automotive supplier
Employees: approx. 550
Website: www.grosshaus.de

GROSSHAUS
Stanz-, Feinstanz-, Stanzbiegetechnik

The challenge

To replace existing hardware, expand storage capacity and increase performance and reliability.

The solution

Renewed and expanded SAN storage system.

The customer

At GROSSHAUS, the motto is 'small wheels that make the big wheels turn.' For over 80 years now, the company has been manufacturing high-quality technical components for a variety of sectors. From product and process development to series production, GROSSHAUS supports all of its customers with creativity and experience as their development partner. Its customer-focused business policy, high technological capacity for innovation and team of highly-qualified, motivated staff form the basis for the continued successful development of the company.

Thanks to this potential for performance and its diverse range of products, GROSSHAUS is today an international market leader amongst suppliers of metal components to the automotive, electrical, mechanical engineering, sports goods and leisure industries, specializing in the core disciplines of stamping, fine-blanking and punching and bending. With the vision and flexibility of a medium-sized family-owned company, GROSSHAUS will continue to take on new challenges, together with its customers as their partner supplier, at both of its facilities in Lennestadt-Bonzelerhammer in Germany and Györ in Hungary.

The challenge

The storage used at GROSSHAUS had ceased to meet the company's requirements, having become too small and too slow.

The solution

The previous storage solution was replaced with two FUJITSU Storage ETERNUS DX200, equipped with Intel® Xeon® processors, with a 2.5″ and 3.5″ expansion unit. Each unit has a storage capacity of around 30 TB. Also forming part of the solution are four BROCADE 300 Fiber Channel Switches (8 Port) and two FUJITSU Server PRIMERGY RX300 with 192 GB RAM. VMware vSphere 5 was chosen as the server virtualization software. Planning, operation, design and support were all provided by service partner IT Südwestfalen AG.

The benefit

- Stability and performance gain with FUJITSU Storage ETERNUS DX200
- Storage space increased from 25 TB to 60 TB
- Enhanced VMware capacity through simultaneous expansion with a second FUJITSU Server PRIMERGY RX300
- Increase in back-up performance in SAP from approx. 2.5 hours to half an hour
- Overall improvement to entire server performance
- Quicker working for users on terminal servers
- Good value for money

Products and services

- 2 x FUJITSU Storage ETERNUS DX200 with a 2.5" and 3.5" expansion unit, storage per unit: approx. 30 TB
- 2 x FUJITSU Server PRIMERGY RX300 (192 GB RAM)
- 4 x BROCADE 300 Fiber Channel Switches (8 Port)
- Virtualization software: VMware vSphere 5
- Planning, operation, design and support provided by service partner IT Südwestfalen AG in collaboration with ALSO, according to customer specifications

The benefit

One of the key benefits of switching to Fujitsu systems is the increase in back-up performance. "The level of performance was no longer in line with our requirements," says Dominik Cordts, Project Partner at IT Südwestfalen AG. The time it took to save the entire SAP data – all 500 GB of it – every day was 2.5 hours before the system was installed. That has now been reduced to half an hour. "The client had clear performance specifications, which we were able to fulfil with confidence with the ETERNUS DX200 and PRIMERGY systems," states Dominik Cordts.

The enhanced performance means that users can work significantly more quickly and therefore more conveniently on the terminal servers connected to the system. There is considerably more storage space, taking up less than half of the original area. That has also reduced the cooling demand and, in turn, energy usage at the data center. A key factor in the decision was also the comprehensive licensing model that Fujitsu offered, plus the transparent management software allowing users to work with the system without extensive training.

System partner IT Südwestfalen AG is located in the same region, was entrusted with system development and can be easily reached if maintenance is required. The entire infrastructure was implemented within four weeks.

Conclusion

"Since the storage unit was installed, we haven't experienced any disruptions at all. It has completely fulfilled the expectations of the IT department of a medium-size company, delivers high performance and hasn't come at an administrative cost."
Michael Struwe, System Administrator, Egon Großhaus GmbH & Co. KG

More information: www.fujitsu.com/eternus_dx

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