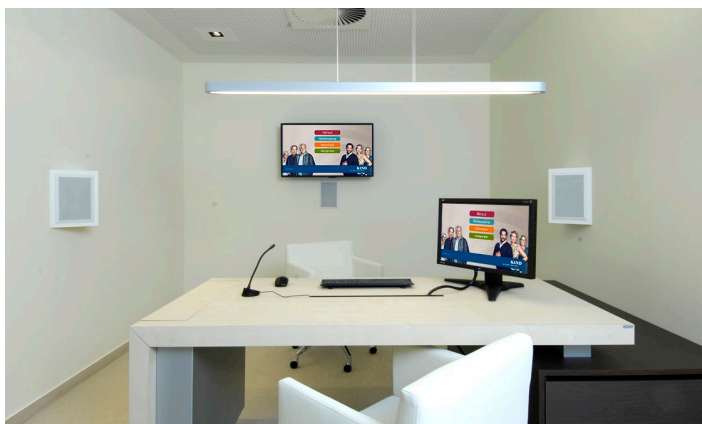
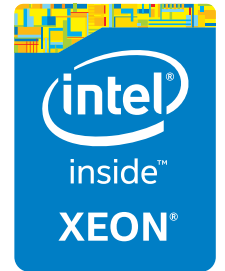


Case Study

KIND Hörgeräte GmbH & Co. KG

»The objective of the project - being able to provide the reports to the board at 7am every day - was completely fulfilled. Our collaboration with both Fujitsu and the systems house involved in the installation went very smoothly. The ETERNUS DX has never required any additional effort, either during the migration or now that it is up and running«

Jörg Lünser, System Administrator, KIND Hörgeräte GmbH & Co. KG



The customer

KIND Hörgeräte GmbH & Co. KG is headquartered in Großburgwedel near Hanover, and is one of the leading companies in the global hearing aid acoustics industry. The company has over 650 stores around the world and employs over 2,500 people. Customer-focused services, fair prices and transparent advice have made KIND Germany's market leader. With its audifon production facility, the group covers the entire supply chain from research and development to production and sales, qualified fitting and aftercare.

The challenge

In order to produce daily reports, information and business figures from the central ERP system, Microsoft Dynamics AX, KIND uses a business intelligence (BI) system, based on MS SQL Server. The BI system is a customer-specific solution which is used to create customer-specific reports based on InfoCubes. These are prepared by retrieving tables or changes to tables from the ERP system or the underlying MS SQL Server system. These reports have to be ready by 7am the following morning to ensure that business processes can run smoothly. As the existing solution took around 11 to 13 hours to complete them, it was clear that the company needed to replace the storage system it had in place. The data from the ERP system only became available for processing at 1am, which meant that it was impossible to analyze and prepare the information within the time frame. Added to this was the fact that resource utilization on the BI server was very high. The existing storage system also suffered from high utilization, which in turn affected other workloads.

The solution

In order to identify the best solution and the right partner for the implementation, the company carried out a "proof of content" comparison between three all-flash systems, and analyzed the return on investment for each. The aim of the project was to relocate the BI solution to a separate storage system and thereby dramatically reduce the time required to generate reports.

The customer

Country: Germany
Sector: Hearing aid acoustics
Founded in: 1952
Employees: 2,500
Website: www.kind.com

The challenge

The response times for the daily BI reports needed to be decreased substantially. The existing storage system would take between 11 and 13 hours to produce the status reports required each day.

The solution

A separate FUJITSU Storage ETERNUS DX200 S3 system with Intel® Xeon® processors to host the database for the business intelligence system and exclusive use of flash storage media to meet the increased demands on performance.

The benefit

- Simply relocating the logical unit numbers from the business intelligence database to a FUJITSU Storage ETERNUS DX200 S3
- Creating reports now takes less than three hours, around a quarter of the time taken previously
- Excellent performance
- Server resources are now used exclusively for creating BI reports

FUJITSU and the SELECT Expert Partner, Bechtle AG, were able to set themselves apart from the other providers with their excellent price-performance ratio. Their solution was to use a separate ETERNUS DX200 S3 to host the database for the BI system. The performance requirements were met by using exclusively solid state disks.

The benefit

As the logical unit numbers in the BI database were simply relocated to the Fujitsu ETERNUS DX200 S3, the company did not need to adjust any applications or database servers. Creating reports now takes less than three hours, around a quarter of the time required to analyze the data previously.

Products and services

- FUJITSU Storage ETERNUS DX200 S3 with 5 SSDs, each with 800 GB capacity
- FUJITSU Server PRIMERGY BX924 S4
- Microsoft SQL Server 2012
- Microsoft Windows Server 2012 R2
- Consultation from Fujitsu, implementation by the FUJITSU SELECT Expert Partner, Bechtle AG

Conclusion

Now that the new storage infrastructure is in place, the resources on the server are used exclusively for creating reports - capacity utilization is evenly balanced between the server and storage system.

The objective of the project - being able to provide the reports to the board at 7am every day - was completely fulfilled. The Fujitsu ETERNUS DX has never required any additional effort, either during the migration or now that it is up and running.

"Our collaboration with both Fujitsu and the systems house involved in the installation, Bechtle, went very smoothly throughout the entire project, from conception to implementation and follow-up support."

Jörg Lünser, System Administrator, KIND Hörgeräte GmbH & Co. KG

More information:

www.fujitsu.com/de/eternus-dx-allflash

www.fujitsu.de/ETERNUS_DX

www.fujitsu.com/de/SPC-1

In collaboration with



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