

Consolidation of heterogeneous database landscape plus new ERP environment to enhance IT operation

IBS upgrades to reliable, flexible IT environment



» Consistent commitment and competence in the course of our partnership and the perfect system performance spoke in favor of Fujitsu Siemens Computers. «

Ing. Harald Dockner, EDP Manager, IBS Holding GmbH, Teufenbach, Austria

→ The challenge

Modernization of the data center – The goal was to design a high-performance, failsafe infrastructure with flexible scalability to meet any increase in the need for resources

Networking of multi-site activities – The customer wanted to introduce an ERP system that would initially connect the two Austrian locations and then ultimately include the group's foreign locations

Consolidation of heterogeneous database landscape – The project also included migration of data to a central database without interruption of ongoing operations

→ The solution

IBS Austria GmbH has opted for the high-quality of systems from Fujitsu Siemens Computers to improve the performance of its business processes. Working together with ROESSLER Informationssysteme GmbH, the customer set up dynamic data centers at its two domestic IBS Austria locations, both of which now use **PRIMERGY server technology and FibreCAT storage systems**. This solution met the customer's high expectations in terms of availability, performance and future-proof design. Consolidation of the heterogeneous database landscape and the use of a Linux cluster connected with a farm of terminal servers enhanced the overall efficiency of IT operations. Server and storage technology from Fujitsu Siemens Computers guarantee outstanding scalability over the long term.



IBS Austria GmbH has been supplying the world's paper and cellulose industry with high-tech components for over 40 years. Today, the company – like the Berger, Jud and James Ross subsidiaries – belongs to the IBS Paper Performance group. IBS Paper Performance is a global group of companies that is the market leader in the production of components for paper machinery. More at: www.ibs-ppg.com

→ Solution components

- Homogeneous, high-availability IT infrastructure
- PRIMERGY dual and quad-core rack servers in a cluster configuration and a farm of terminal servers for databases, ERP application, mail, infrastructure services
- Completely redundant Fibre Channel storage with FibreCAT SX80 and FibreCAT SX60
- Operating systems: Red Hat Linux Enterprise 4, Microsoft Windows Server 2003
- ERP system: Pro Alpha
- Database: Progress

→ Customer benefits

- Custom-designed infrastructure perfectly adapted to customer requirements
- Centralization of ERP system and database for approx. 130 distributed users
- Significant improvement in performance
- High level of reliability and protection against outages
- Efficient administration of homogeneous IT landscape
- Sufficient potential for expansion to accommodate business growth

→ The project

The time had come to act since the customer's support agreement for the old systems had expired and the installed equipment no longer met the customer's technical standards for the future. One of the customer's main priorities was to increase protection of business-critical database operation against the possibility of outages. At the same time, IBS Austria wanted to achieve significant improvement in performance, flexibility in terms of accommodation of future growth and maximum efficiency at the level of IT operation. In order to achieve these goals as efficiently as possible, IBS Austria once again opted for the high-quality systems from Fujitsu Siemens Computers. Very positive experience with PRIMERGY servers (existing Windows cluster, etc.), ESPRIMO PCs and LIFEBOOKs combined with competent project support from the very beginning is what drove the customer's decision. The Vienna Competence Center of Fujitsu Siemens Computers, together with its partner ROESSLER Informationssysteme GmbH, which successfully integrated the solution without interrupting ongoing business operation, were involved in the creation of the concept for the solution. The modernized IT environment now features a Linux cluster with PRIMERGY quad-core servers and a FibreCAT SX80 storage system. In keeping with the customer's specifications in terms of availability, the entire configuration is completely redundant. In addition, data are mirrored to a FibreCAT SX60. PRIMERGY industry-standard server, and FibreCAT storage systems make up the reliable, high-performance backbone of the company's central ERP terminal server farm, CAD database and mail and infrastructure services. Some 130 users are now working with the cross-locational solution.

→ Project partner



→ A record of success

The IBS Paper Performance group is now prepared for the future. Complete modernization of the data centers at IBS Austria's Teufenbach and Maschinenfabrik Berger locations networks the group's entire workforce. Employees now work in a reliable, high-performance environment that can be efficiently managed and easily expanded. Most importantly, however, the customer's requirements in terms of the continuity of business processes have been met. At the same time, the company benefits from the advantages of having a homogeneous IT landscape in terms of administration and has a solution in place with adequate potential for the future since the infrastructure is based on current PRIMERGY server and FibreCAT storage technology. That means the group is now on the safe side as far as future performance needs and growth in the volume of data are concerned. Ing. Harald Dockner, EDP Manager of IBS Holding GmbH, has expressed his satisfaction with the current situation: "The solution is a perfect match for our requirements."

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