

Reference Report

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About SIGMA

As a reputable system house in Saxony SIGMA Chemnitz GmbH operates as system integrator and partner of well-known Providers in the IT sector. Our over 80 employees at the Chemnitz and Dresden sites form a competent team at the location Chemnitz. With expertise, competence and over 30 years of experience we offer our customers reliable and powerful solutions.

About Lust Hybrid

The technology service provider Lust Hybrid-Technik GmbH, founded in 1992, is a technical specialist in the field of sophisticated electronic miniature assemblies and systems in hybrid, COB and SMD technology. The Thuringian company carries out a wide range of process tasks such as customer-integrated development, industrialization, production and qualification for customer-specific optimized electronic or microsystem solutions.

High availability and improved IT resilience



 www.lust-hybrid.de

The project

In order to meet the high quality requirements of the market, an increase in the security and availability of the IT infrastructure was necessary. The main reasons for the renewal were the increased data volume and the outdated hardware & software. Therefore LUST Hybrid-Technik GmbH planned an IT migration of the software.

Furthermore, the construction of a new server room in the course of fire protection and the connection of an external office to the main system were goals to be achieved.

The implementation

The new Fujitsu Storage DX100 S3 serves as the basis for the new IT concept. Using Fibre Channel technology, two new VMware ESX servers (Fujitsu PRIMERGY Server RX200 S8) were connected to the storage. On these two virtualization servers (Fujitsu servers) run 30 virtual machines, so that if one virtualization server fails, the other can provide the 30 machines without any problems. As part of the backup strategy, an existing Fujitsu ETERNUS SX60 storage and the existing TX24 tape library could be used as backup storage. The appropriate backup server could also be realized from the inventory, whereby VEEAM Essential Standard was integrated as backup software.

For the secure connection of the branch office, a Sophos RED (Remote Ethernet Devices) is used in the branch office and a matching Sophos SG210 in the main office. By using these solutions, IT network security is easily and affordably extended beyond the main site. The Sophos RED appliance connects the remote office to the main site. The final step in the project includes the IT migration of the domain as well as the Exchange migration to the current Microsoft Exchange Server version.

This is what our customer says...

„Above all, the increased security resulting from this project of our entire IT is an important basis for our future.“

Andreas Klingner, IT manager at Lust-Hybrid Technik GmbH