

CASE STUDY

Eugen Forschner GmbH

LOCATION: SPAICHINGEN, GERMANY | **INDUSTRY:** MANUFACTURING

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Eugen Forschner GmbH Eliminates Downtime with StorMagic SvSAN



We know.

ABOUT Eugen Forschner GmbH

Eugen Forschner GmbH develops and designs technology for the automotive industries, prepares it for series production and makes it available worldwide. It is a manufacturer of many products, including technology for high voltage systems, cabling systems and scr-systems.

BUSINESS CHALLENGE

Forschner previously used a physical SAN solution, the HPE MSA, a high performance storage array to store application data from construction, production, office, CRM and SQL databases. The systems were located in their Spaichingen headquarters and Czech Republic facility, the latter of which supports Forschner's production side and the local office. In the search for a replacement solution, high availability was a key requirement, to ensure 24x7 operations and achieve 99% uptime. The customer was concerned about any downtime required during the

migration to a new IT solution, so began a search for something that was easy and quick to install, and use.

SOLUTION

StorMagic was recommended by Forschner's strategic partner, it@business, a value-added reseller who packages, sells and installs comprehensive IT solutions for end users. SvSAN only requires two servers for an HA solution, which depicts the smallest footprint. It's ease of use and price for performance also stood out. The icing on the cake was how quickly the new solution could be installed, with minimal downtime required.

Forschner has found SvSAN to be a true HA solution with centralized management that offers compatibility with any storage type, including the all-flash drives on commodity hardware they preferred, which delivers excellent performance for the price. They selected an unlimited terabyte license so their SvSAN investment can grow with them as their data grows, well into the future.



StorMagic SvSAN delivers 100% uptime and lets us achieve high availability in the smallest space available on the market. Our two-node SvSAN clusters mean that downtime is a thing of the past for both of our offices.



Patric Schleicher
IT-Leitung Forschner Gruppe

Performance improvements, 100% uptime and the ability to conduct maintenance on SvSAN while it's running have been key benefits to the customer.

WHY STORMAGIC?

ELIMINATES DOWNTIME

StorMagic SvSAN is a highly available solution that can eliminate downtime for any organization. Data is written to two SvSAN VSA nodes to ensure service uptime and write operations only complete once acknowledged on both SvSAN VSAs. In the event of a failure, applications are failed over to other available resources to ensure continuous uptime. Forschner loved SvSAN's ability to conduct maintenance while the software is still running.

SIMPLE TO INSTALL AND USE

SvSAN is designed to be very simple to install and manage whether deployed as part of a hyperconverged solution or as a storage-only target for any server environment. The virtual SAN solution was built specifically for edge, SME and small datacenters that may not have dedicated IT staff onsite, so they are reliant on simplicity. Forschner was able to migrate from an outdated physical SAN to the new SvSAN clusters with very minimal downtime.

HIGH PERFORMANCE

SvSAN is compatible with all-flash commodity servers, to reduce costs while ensuring the best performance possible. SvSAN provides granular, historical I/O transaction, throughput and latency statistics for each volume. This is delivered through a simple, intuitive GUI with minimum, maximum, and average values for daily, monthly, yearly time periods.

Server Configuration (Per Server)

SvSAN License	Unlimited TB Gold (Germany) 12TB Gold (Czech Republic)
Servers	HPE DL385
CPU	AMD Epyc 3 GHz
Memory	512 GB
Storage Capacity	50TB (Germany) 12TB (Czech Republic)
Networking	10 Gbit
Hypervisor	VMware vSphere
Guest VM Operating Systems	45 (Germany) 12 (Czech Republic)

To read more about StorMagic SvSAN, visit: stormagic.com/svsan

StorMagic
The Quadrant
2430/2440
Aztec West
Almondsbury
Bristol
BS32 4AQ
United Kingdom

+44 (0) 117 952 7396
sales@stormagic.com

www.stormagic.com