

WITHOLZ GmbH

LOCATION: GERMANY

INDUSTRY: MANUFACTURING

Manufacturer Witholz GmbH Virtualizes IT Environment to Achieve 100% Uptime with StorMagic SvSAN



BUSINESS CHALLENGE

Witholz is a modern production and service company, specializing in timber construction, and the production of wooden beams. The manufacturer delivers everything from one-off bespoke orders to mass produced wood, and a variety of related joinery components, all from a single source.

Witholz GmbH previously used a physical SAN, an HPE MSA 2040 high-performance storage array, for data processing and management in its two datacenters. The company urgently needed a solution that provided high availability to store

application data from its entire IT environment, including: ERP, CAD file, CRM, SQL, file services and remote desktop systems.

Their primary goals were to modernize and virtualize the environment to add high availability and boost performance in a single solution that provided compute, storage and networking. They wanted to install the solution in two datacenters to ensure their key criteria - high availability.

SOLUTION

After reviewing all of the market options, Witholz found that StorMagic SvSAN stood apart from the competition because it was very easy to install and use, and offered the highest performance for the price. StorMagic's integration with VMware vSphere checked another important requirement

StorMagic SvSAN is a "set and forget" solution that delivers the best price for performance point in today's market, and is an ideal fit for every small to medium-sized enterprise. SvSAN allowed us to maximize our budget and achieve 100% uptime, which lets us sleep more soundly at night.

Matthias Böhler CEO, Witholz GmbH

for the customer, who preferred the vSphere hypervisor platform.

The SvSAN implementation was recommended and installed by Witholz's trusted partner, it@business GmbH & Co. KG. Today, the customer is using HPE servers, vSphere and SvSAN in two of its datacenters. The cost and management headaches of a physical SAN have been eliminated, and SvSAN is now managing and processing all of Witholz's IT data, while keeping it available 24x7.

Server Configuration (Per Server)

SvSAN License	6TB Gold
Server	HPE DL385 Servers
CPU	AMD Epyc 3 GHz
Memory	2x 256GB
Storage	6TB
Disk Configuration	All flash
Networking	10Gbit
Hypervisor	VMware vSphere
Guest VM Operating Systems	15 (all VMs in the company)

WHY STORMAGIC

Modern Replacement for Physical SANs

StorMagic SvSAN was designed to be as simple and lightweight as possible, while delivering everything needed to eliminate hardware-dependent SANs and downtime, while adding high performance and high availability at one to thousands of locations.

High Availability

With SvSAN, 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.

High Performance

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.

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



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