StorMagic

CASE STUDY

WST PRÄZISIONSTECHNIK

LOCATION: GERMANY | **INDUSTRY:** MANUFACTURING

WST Präzisionstechnik Chooses StorMagic to Ensure 100% Uptime Across Two Locations

BUSINESS CHALLENGE

WST Präzisionstechnik GmbH is a leading manufacturer of milled and turned parts and supplies in the German market. It specializes in the production of synchronous machining tools, producing 25 million parts in 1,500 custom designs annually.

WST previously used DataCore SANsymphony to store application data from key IT sources, including its CRM, SQL databases, file services, telecommunication systems, terminal/remote desktop services, and access control and employee time recording systems.

The changing demands and data growth anticipated on original DataCore infrastructure were becoming far too expensive for the customer, and didn't meet budgets. Price and performance were no longer satisfactory for WST. The customer also wanted an all-flash disk system for better performance and future-proofing. In order to stay within budget, WST began to look for alternatives. They were looking for a solution that would reduce current and future licensing costs, be leaner in administration, and at the same time provide high availability for two of their production facilities.

> *WST was able to significantly reduce costs and add 100% uptime between our two datacenters by moving to StorMagic SvSAN. We've also been able to eliminate vendor lock-in thanks to SvSAN's compatibility with all storage types, hardware and hypervisors. Our future costs have been significantly reduced without sacrificing performance, and budgets are now much more predictable, and easier to plan.*

Alexandra Körner Head of IT, WST Präzisionstechnik GmbH

SOLUTION

WST's partner, it@business, proposed a virtual SAN solution from StorMagic to meet its feature and budget requirements. The customer found that SvSAN comes packaged in the smallest footprint on the market, and offered the highest performance, all at the right price.

Today, SvSAN is installed in two separate datacenters at the company's headquarters in an active/active stretch cluster configuration. During the installation, WST was pleased to find that SvSAN is very easy to set up and use, significantly reduces hardware requirements, and provides high availability with transparent failover and failback options between the two locations. They liked that StorMagic is compatible with any storage type, server model and hypervisor, allowing them to switch vendors - they could even decide to move to all-flash commodity servers to further boost performance - by choosing SvSAN today.

WST has future-proofed its IT environment. Its SvSAN license includes unlimited storage, so can grow with WST as its data sets grow. Future IT costs have been dramatically reduced in comparison to their previous solution.

Server Configuration (Per Server)

SvSAN License	Unlimited TB Platinum
Server	HPE DL385
CPU	AMD Epyc 3.2 GHz
Memory	512 MB
Storage	36TB
Disk Configuration	All flash
Networking	25 Gbit
Hypervisor	VMware vSphere
Guest VM Operating Systems	50

WHY STORMAGIC

✎ **100% Uptime**
WST installed SvSAN across two datacenters in an active/active stretch cluster configuration to eliminate downtime.

✎ **Flexibility**
StorMagic is storage, server and hypervisor agnostic, so when or if WST's needs and preferences change, the solution can evolve and grow with them.

✎ **Ease of 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.

✎ **Cost-effective**
StorMagic SvSAN was designed to be as simple and lightweight as possible, to meet space and budget restrictions for edge customers. SvSAN requires just two servers to create a highly available cluster, unlike other virtual SANs which require three or more servers, thus dramatically reducing hardware dependency and costs.

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

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