



MAKING THE COMPLEX **SIMPLE**

STORMAGIC SvSAN PERFECT FOR BANKS AND FINANCIAL SERVICES

ABOUT STORMAGIC

StorMagic makes virtual SANs simple for edge computing. Our product, SvSAN, is designed for large organizations with thousands of sites and companies running SME datacenters that require a highly available, two-server solution that is simple, cost-effective and flexible.

SvSAN IS

SIMPLE

Set and forget - deploy in thousands of locations as easily as one

- Effortless high availability - synchronous mirroring
- Runs in any environment - any hardware, any network
- Centralized management - powerful tools and scripts



COST EFFECTIVE

Eliminate physical SANs with the industry's lightest footprint

- No more physical SANs - converge compute and storage
- Lowest CAPEX - using 2 servers, less CPU and memory
- Lowest OPEX - reduce power, cooling and spares



FLEXIBLE

Deliver on today's performance needs, future-proof for tomorrow's demands

- Deployment options - hyperconverged or server SAN
- Adapt to environment - configure to exact IOPs, capacity
- Easy to grow in the future - non-disruptive upgrades



WHY STORMAGIC FOR BANKS

THE ABSOLUTE LOWEST COST
to run applications in-branch

100% UPTIME
with only two servers

Software-only solution
RUNS ON ANY SERVER
with any storage combination

SECURE SENSITIVE DATA
with FIPS 140-2 compliant encryption

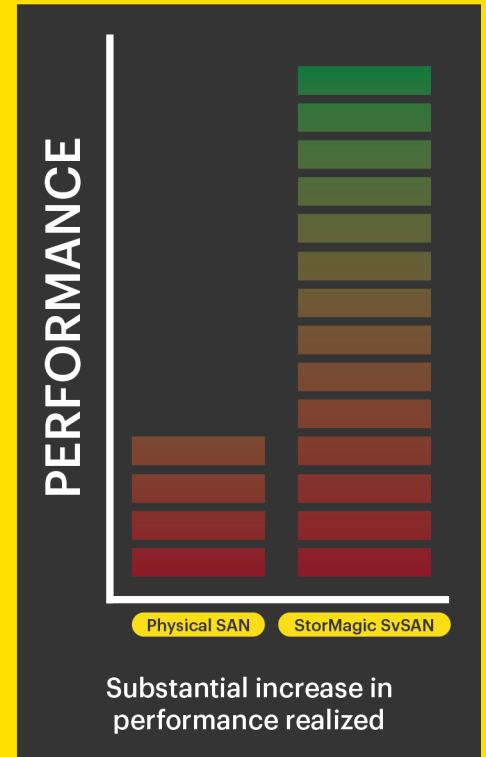
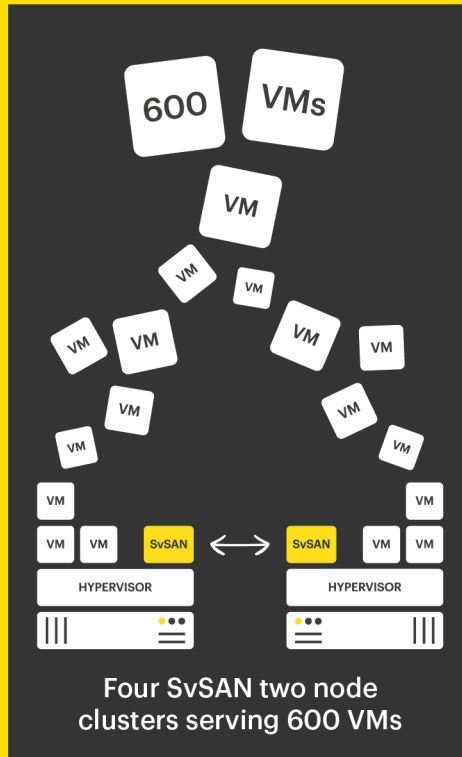
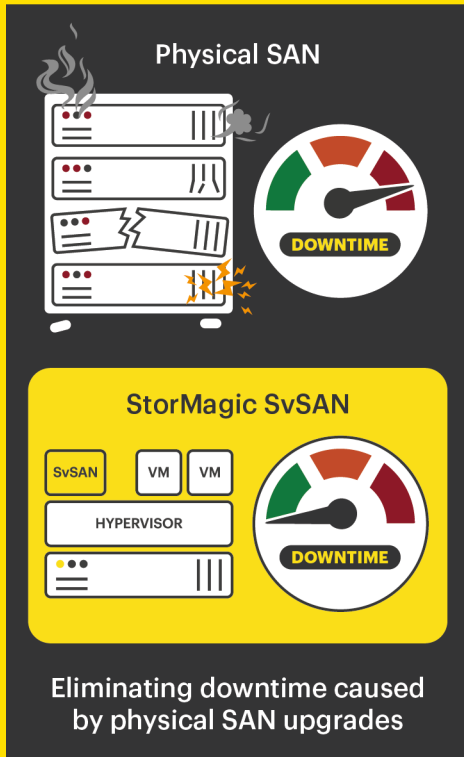
TRUSTED BY FINANCIAL INSTITUTIONS



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BANKING USE CASE EXAMPLE

REPLACING UNDER-PERFORMING, OUTDATED LEGACY HARDWARE



CHALLENGES

- Specialized consumer credit bank with over 600 employees
- Physical SAN required additional disk capacity to accommodate rapid growth
- Any downtime that occurred during upgrades was unacceptable

REQUIREMENTS

- Needed an interim solution to provide shared storage while the physical SAN was offline
- The solution needed to be able to tolerate heavy I/O loads
- Data integrity and high availability were absolutely critical

SOLUTION

- SvSAN deployed on a two node cluster in a bank branch for testing
- Four SvSAN clusters eventually deployed, serving over 600 VMs
- Email applications handled by a separate, all-SSD SvSAN cluster for additional performance

RESULTS

- The bank saw at least a 25% increase in I/Os when using SvSAN
- SvSAN, as the interim solution, outperformed the physical SAN for all applications, resulting in SvSAN replacing the physical SAN infrastructure permanently



StorMagic's SvSAN was the product which met all of our requirements in terms of functionality, performance, reliability and cost effectiveness. Migration to SvSAN for the entire production system was realized within 2 weeks without a second of downtime.

For more information
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