

# CREDITPLUS BANK

LOCATION: GERMANY | INDUSTRY: BANKING

**StorMagic SvSAN ticks all the boxes and replaces physical SAN at German bank CreditPlus**



### Business Challenge

CreditPlus Bank AG was founded in 1960, operates as a specialized consumer credit bank and is headquartered in Stuttgart, Germany. A subsidiary of the French banking group Credit Agricole, which with 51 million customers is one of the largest banks in Europe, CreditPlus employs over 600 people.

Their physical SAN would soon require additional disk capacity in order to stay ahead of their rapid growth in storage requirements. This expansion would require the SAN to be taken offline for a period of time. As downtime was not an option for CreditPlus, it was imperative that an interim

solution be found.

### Solution

Following a trial installation of StorMagic's SvSAN at one of the bank's local branches, CreditPlus felt that SvSAN could be the interim solution they were looking for and decided to execute a proof of concept in a heavy I/O environment. During the proof of concept CreditPlus conducted extensive testing of data integrity and high availability in the event of system failures under these heavy I/O loads.

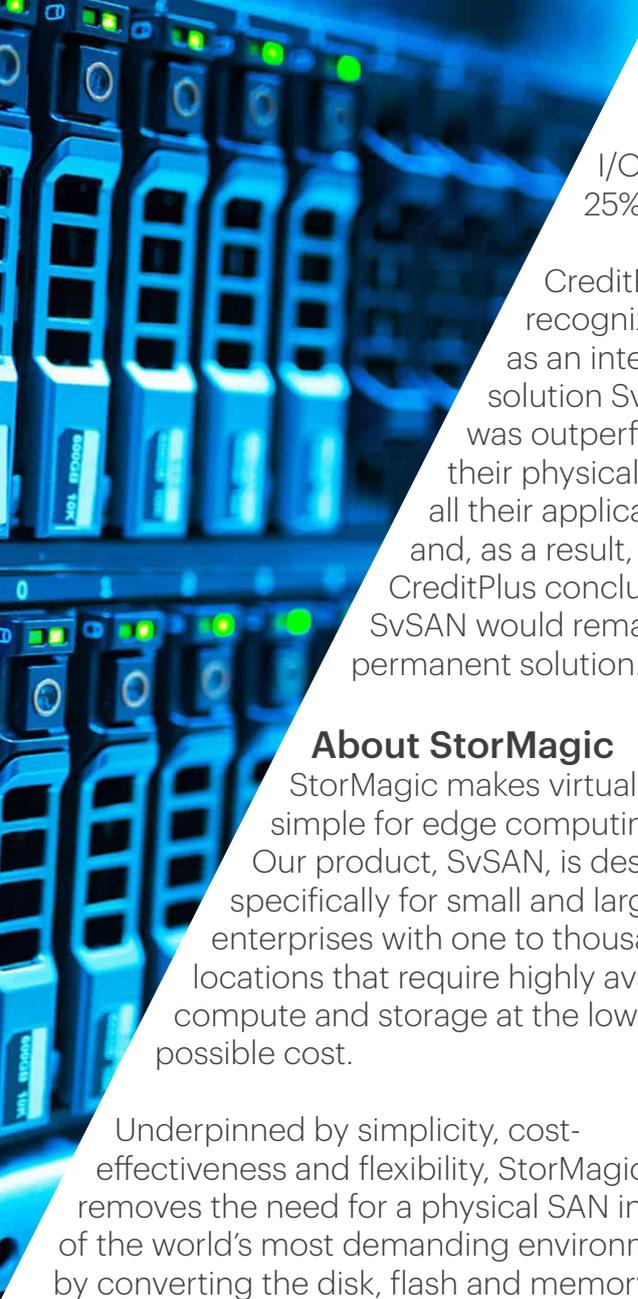
CreditPlus began calculating costs and comparing functionality against other solutions and came to the conclusion that StorMagic was the only choice.

### Why StorMagic

Once SvSAN was active in the production environment, CreditPlus observed a substantial difference in performance when compared to their physical SAN, achieving a minimum increase in

**"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."**

**Torsten Kurz, CISO and Head of Team IT-Infrastructure and Systems, CreditPlus Bank**



I/Os of 25%.

CreditPlus recognized that as an interim solution SvSAN was outperforming their physical SAN on all their applications and, as a result, CreditPlus concluded that SvSAN would remain as a permanent solution.

### About StorMagic

StorMagic makes virtual SANs simple for edge computing. Our product, SvSAN, is designed specifically for small and large enterprises with one to thousands of locations that require highly available compute and storage at the lowest possible cost.

Underpinned by simplicity, cost-effectiveness and flexibility, StorMagic SvSAN removes the need for a physical SAN in some of the world's most demanding environments by converting the disk, flash and memory of two servers into a virtual SAN.

### 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

SvSAN Configuration	
CPU	1 socket, 4 cores per CPU
Memory	32GB
Disks	48
Virtual Machines	600 across 4 SvSAN production clusters Majority are Linux Debian and SuSE Windows Server 2012 Citrix for thin client
Applications and IT Services	Oracle and Postgres databases Email & back-office applications Web services Email - Lotus Notes on a separate all SSD SvSAN cluster ~500-600 mailboxes Tomcat + Apache for frontend web servers Bespoke in-house developed financial applications - most use a backend Oracle database

