///// StorMagic

CASE STUDY

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.
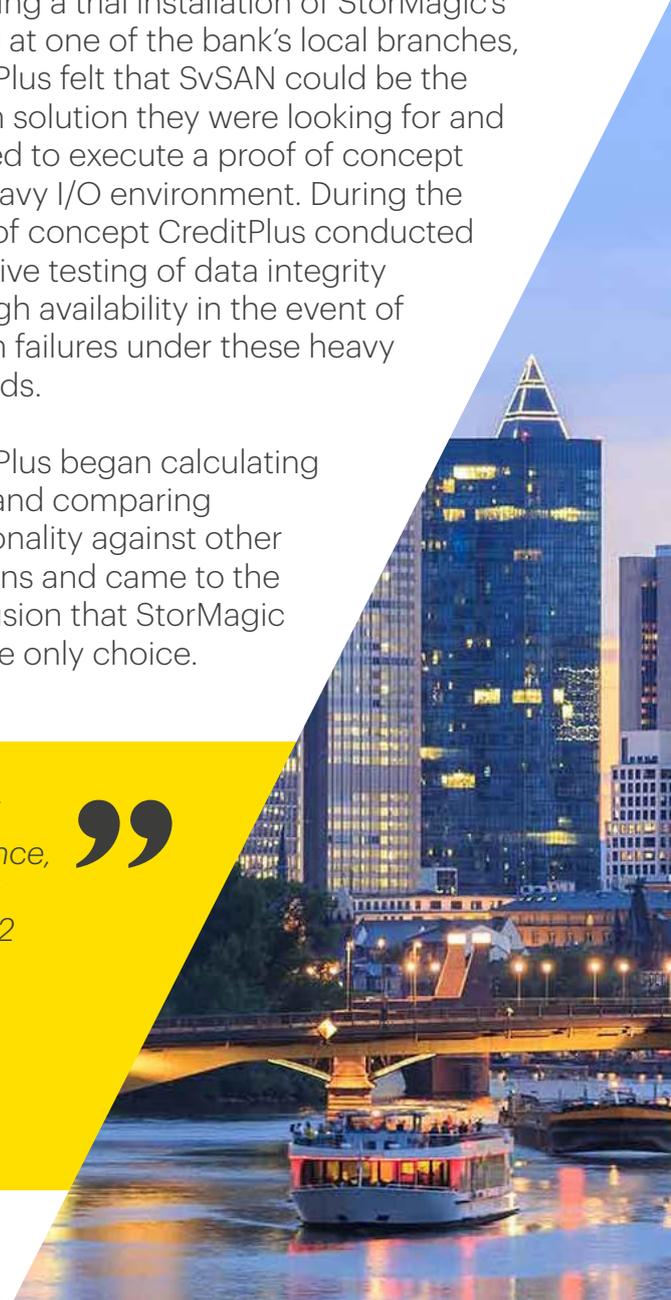
SOLUTION

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.

> *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

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 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 Configuration

SvSAN License	SvSAN Unlimited TB Gold
CPU	1 socket, 4 cores per CPU
Memory	32GB
Disks	48
Virtual Machines	600 across 4 SvSAN production clusters Majority are Linux Debien 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