

**ITALIAN INDEPENDENT FINANCIAL GROUP****LOCATION:** MILAN, ITALY | **INDUSTRY:** FINANCE**Italian Financial Group Lowers Costs and Increases Performance by 200 Percent with StorMagic SvSAN****BUSINESS CHALLENGE**

This Milan-based independent financial group specializes in alternative investments in Europe. The group manages private equity, private debt, infrastructural, special credit situations and thematic funds such as microfinance of funds currently under management.

The customer previously used a traditional SAN in its primary datacenter, that included three VMware servers connected to an iSCSI SAN. The previous servers were ageing, and configured with SATA disk, connected with 1Gb iSCSI link and running on Linux.

The excessive hardware was not only cumbersome to manage, it also presented so many reliability and performance issues that the finance organization began to look for a modern alternative to replace their outdated physical SAN. A completely new infrastructure was required to effectively eliminate these dilemmas for good.

**SOLUTION**

The financial customer was able to replace its costly physical SAN with a hyperconverged solution from StorMagic. The finance organization streamlined their hardware configuration (and costs) by downsizing from three to two nodes. The SvSAN cluster includes two Lenovo ThinkSystem R650 servers with SvSAN, which mirrors data between the servers. Commvault backup and recovery software replicates VM data in the Azure Cloud for offsite archiving, to further ensure business continuity.

SvSAN is configured to provide storage for the hyperconverged environment. Multiple VMs are used to provide services for the Microsoft Active Directory domain, domain controller and DNS server, File server (network share), Printer server, Application server, DB server (SQL) and VM with miscellaneous services server.



*StorMagic SvSAN let us completely eliminate the high costs and constant hassles associated with physical SANs. With SvSAN, we've added resiliency into our datacenter environment, and boosted our performance rates by nearly 200 percent.*

**IT staff member**

Solutions integrator DI.GI. International S.p.A. identified StorMagic as the ideal partner to address the customers' needs, recommending StorMagic as the most suitable solution, considering client budget and performance requirements. With DI.GI's help, installation was extremely fast, and the virtual SAN software has been very easy to manage. SvSAN is highly reliable, which has helped the finance organization reduce downtime and also improved performance by nearly 200 percent. StorMagic's support has been responsive and great to work with.

## WHY STORMAGIC

### Simple to Use

The customer was impressed by SvSAN's fast installation process, and by how simple the virtual SAN solution is to manage day to day.

### Cost Effective

Customers like this financial group have eliminated their physical SANs with SvSAN's convergence of compute and storage into a lightweight commodity server footprint, thereby dramatically lowering costs.

## ABOUT DI.GI INTERNATIONAL

DI.GI strives continuously to discover new products. Thanks to this and its ongoing commitment to innovation, DI.GI. has been working in the hyperconverged field for many years – even before this sector became popular. For more information visit [www.digi.it](http://www.digi.it)

### High Performance

SvSAN creates highly available shared storage across two nodes. This user has improved performance rates by approximately 200 percent since making the switch to StorMagic.

### Superior Support

From configuration and installation to customer service, StorMagic has met and exceeded the customer's needs.

### Ideal for Finance Environments

SvSAN combines servers, storage and networking into a simple to use package that brings that data and processing closer to the finance staff that need it. SvSAN improves data access, reduces latency and has an optional data encryption and integrated key management feature, StorSecure, to safeguard sensitive financial data.

### Server Configuration (Per Server)

<b>SvSAN License</b>	SvSAN 6TB Platinum
<b>Servers</b>	Two Lenovo ThinkSystem R650 servers
<b>CPU</b>	2 CPU with 8 cores
<b>Memory</b>	64GB
<b>Storage Capacity</b>	3.5TB
<b>Disk Configuration</b>	2X300 GB SAS 10K + 2X1.8TB SAS 10K
<b>Networking</b>	10GbE for VMs onsite; 8 ports per server
<b>Hypervisor</b>	VMware vSphere Essentials Kit
<b>Applications</b>	Microsoft Active Directory, File Server, Printer Server, Application Server, DB Server, Backup Server, ecc.
<b>Guest VM OS</b>	Windows Server 2016 Standard Edition
<b>Data Protection</b>	Commvault Complete(™) Backup & Recovery