

## CASE STUDY

# DRUCKEREI RINDT GmbH & Co KG

**LOCATION** FULDA, GERMANY

**INDUSTRY** IT/ PRINTING SOLUTIONS



**Druckerei Rindt GmbH & Co KG Realizes >50% Performance Increase and 100% Uptime with StorMagic SvSAN**

### BUSINESS CHALLENGE

Druckerei Rindt GmbH & Co KG is a traditional sheetfed offset printing company that has existed for over 80 years. Its experience coupled with state-of-the-art machinery make it a high-performance and above-average service-oriented printing company. As a technical and creative partner, Druckerei Rindt offers services including consultation, pre-press, printing and book binding.

Druckerei Rindt manages its internal data for compute, and also printing and graphics data from customers. They previously used a single node Dell ESX server with local Datastore and VMWare hypervisor. The system presented a single point of failure, had slow performance

rates and did not offer enough capacity to accommodate future storage needs. They began searching for a redundant, reliable, cost-effective Dell ESX /VMWare cluster system. High capacity and performance were key requirements for the environment refresh.

### SOLUTION

Druckerei Rindt was impressed with StorMagic SvSAN's reliability and cost efficiency in a multi-node hardware storage solution. Running on two Dell R740xD Servers, they chose SvSAN with its performance-enhancing SSD caching features. In their new configuration, approximately ten virtual machines (VMs) reside on SvSAN shared storage per server. Windows Server 2012 R2-2019 are the guest VMs. The SvSAN cluster is managed through a WebGUI and VMWare's vCenter plugin.

"StorMagic SvSAN added significant reliability and performance improvements into our environment. StorMagic's Predictive Storage Caching feature reduces I/O latency by identifying hot data, and ensuring that it is in cache."

**Sebastian Jerabeck**  
**Executive Director, Druckerei Rindt GmbH & Co KG**

## Server Configuration (Per Server)

SvSAN License	SvSAN Unlimied TB Gold
Servers	Two Dell R740xD Servers
CPU	Xeon Gold 6134
Memory	196 GB
Storage Capacity	9+1 3 TB 7K SAS (30TB), 2x 480 GB SSD as Cache
Networking	10GbE, Broadcom BCM57412 + BCM5720
Hypervisor	VMware vSphere ESXi 6.7.0 10764712
Applications	Windows Server 2012R2, 2016, 2019, MySQL, Active Directory, Fileserver, Acronis File Connect
Data Protection	Veeam Backup & Replication

## WHY STORMAGIC

Druckerei Rindt chose StorMagic SvSAN for several reasons, including:

### ● HIGH PERFORMANCE

Druckerei Rindt is experiencing a >50 percent improvement in performance rates compared to its previous environment.

### ● HIGH AVAILABILITY

Druckerei Rindt GmbH has experienced 100 percent uptime since installing SvSAN.

### ● COST EFFECTIVE

SvSAN eliminates physical SANs by converging compute and storage into a lightweight commodity x86 server footprint, thereby dramatically lowering costs. StorMagic SvSAN is on average 50 percent less expensive than traditional physical SAN alternatives.

### ● ADDED REDUNDANCY

Physical SANs must be taken offline to run maintenance operations and routine updates. With SvSAN, downtime is virtually eliminated.



### StorMagic

Unit 4, Eastgate  
Office Centre  
Eastgate Road  
Bristol  
BS5 6XX  
United Kingdom

+44 (0) 117 952 7396  
[sales@stormagic.com](mailto:sales@stormagic.com)

[www.stormagic.com](http://www.stormagic.com)