



## SOLUTION BRIEF

# StorMagic SvSAN WITH CISCO C-SERIES

### ELIMINATING APPLICATION DOWNTIME FOR DISTRIBUTED ENTERPRISE

One of the greatest challenges of multi-site organizations is to ensure the uptime and availability of business critical applications in lean IT environments. This becomes even more challenging as organizations strive to reduce capital and operating expense.

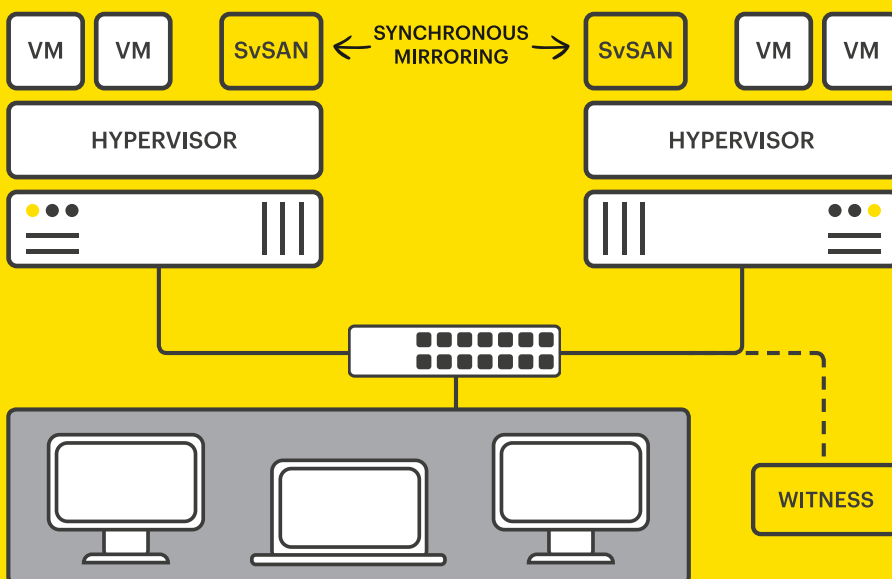
This is now achievable through combining the leading, software-defined storage solution from StorMagic with the latest in server technology from Cisco. This joint solution allows the distributed enterprise to deploy a data storage infrastructure that works for its multi-site nature.

### WHAT IS STORMAGIC'S SVSAN?

SvSAN is a software solution which enables enterprises to eliminate downtime of business critical applications at remote sites, where this disruption directly equates to a loss in service and revenue. SvSAN ensures high availability through a virtualized shared storage platform, so that business critical applications remain operational.

StorMagic's typical customer has anywhere between 10 - 10,000 sites, where local IT resource is not available, but uptime of applications is a must.

SvSAN provides an an intuitive, standardized management interface



that allows multiple SvSANs, spread across remote sites, to be managed and provisioned quickly and simply either locally, or remotely, from a central location. SvSAN's efficient and flexible architecture and its modular approach enable it to meet the ever-changing and increasingly demanding storage requirements within any organization.

## **SVSAN'S UNIQUE BENEFITS INCLUDE:**

- Abstraction of storage services away from traditional storage arrays, making it a key component of a software-defined storage strategy
- Elimination of the need for a physical Storage Area Network (SAN)
- Virtualization of internal disk drives and external, direct-attached storage arrays (DAS) to enable storage sharing among multiple servers
- High availability in a simple two-server solution (the only software that can do so)
- At least 33% lower capital acquisition cost for distributed environments
- Over 40% lower TCO through reduced power and cooling costs, decreased sparing and maintenance costs and minimized need for dedicated IT resources
- Maximized application uptime
- Centralized storage management of entire multi-site infrastructure
- Rapid, scripted deployments and updates of multiple sites simultaneously with automated provisioning
- Optimal flexibility, as SvSAN is hardware and hypervisor agnostic and can scale as storage requirements grow
- Fast resynchronization through restore capability, enabling users to replace a failed server with a new one and automatically rebuild their environment

## **WHAT ARE CISCO UCS C-SERIES SERVERS?**

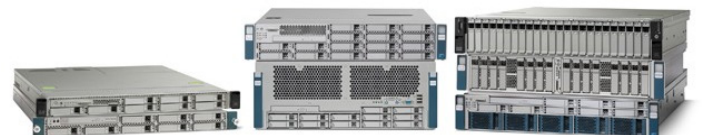
Cisco UCS C-Series Rack Servers deliver unified computing in an industry-standard form factor to reduce total cost of ownership and increase agility. Cisco offers various server models, each with varying configurations of processing power,

memory capacity, I/O and internal storage capacities in order to address varying workload challenges.

Cisco UCS C-Series Rack Servers provide the following benefits:

- Form-factor-agnostic entry point into Cisco UCS
- Simplified and fast deployment of applications
- Extension of unified computing innovations and benefits to rack servers
- Increased customer choice with unique benefits in a familiar rack package
- Reduction in total cost of ownership (TCO) and increase in business agility

Optimized for virtualized environments, the Cisco C-Series servers are integral parts of next-generation data center platforms that unite compute, network, storage access and virtualization into a cohesive system designed to reduce total cost of ownership (TCO) and increase business agility. They work particularly well in distributed infrastructures because of their integration and scalability features within a unified management domain.



## **SOLUTION APPLICATIONS**

The combination of SvSAN with Cisco UCS C-Series Servers is an ideal solution for multi-site organizations in many industries, including:

- Retail – systems such as stock control, customer & staff management and point-of-



- sale optimization
- Government – diplomatic communication platforms
- Defense – battlefield control systems
- Manufacturing – process control
- Financial services – customer transactions
- Restaurant and hospitality – booking and kitchen order systems
- Transportation – vehicle positioning and monitoring
- Energy production – remote power generation plant control
- Medical – PACS

## SOLUTION BENEFITS

StorMagic and Cisco deliver to the edge:

- Lower cost-of-entry for shared storage in virtualized environments
- A hypervisor-agnostic storage infrastructure, accommodating both VMware ESX & Microsoft Hyper-V implementations

- Unique multi-site features, such as a simple 2-server configuration
- High Availability of local storage
- Centralized management
- Easy automated deployment

## FOR MORE INFORMATION

To learn more about StorMagic's SvSAN visit [www.stormagic.com](http://www.stormagic.com)

For more information on Cisco UCS C-Series servers, please visit: [www.cisco.com/c/en/us/products/servers-unified-computing/index.html](http://www.cisco.com/c/en/us/products/servers-unified-computing/index.html)



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