StorMagic

CASE STUDY

NISC *(National Information Solutions Cooperative)*

LOCATION: USA | **INDUSTRY:** UTILITIES & BROADBAND

Updated: 18th June 2025

NISC Cuts Oracle Licensing Costs in Half and Lowers CapEx and OpEx with StorMagic SvSAN

BUSINESS CHALLENGE

National Information Solutions Cooperative (NISC) is an information technology company that develops and supports software and hardware solutions for their member-owners who are primarily utility cooperatives and broadband companies across the United States. NISC is an industry leader providing advanced, integrated IT solutions for consumer and subscriber billing, accounting, engineering and operations, as well as many other leading-edge IT solutions.

NISC previously used Dell EMC's PowerEdge VRTX onsite at 8 of its member sites to manage NISC billing and accounting applications. The systems were difficult to deploy at remote sites, expensive, and presented single points of failure. When Dell announced that the product was approaching end of life (EOL), NISC was eager to make a switch.

SOLUTION

Upon reviewing several hyperconverged solutions, NISC was impressed with StorMagic's small physical footprint, ease of deployment and in-house support offerings. After conducting a thorough proof of concept (POC) with the StorMagic engineering and support teams, the decision to move forward was clear.

> *Since deploying SvSAN, NISC has slashed its hardware and software licensing costs in half, which saved us tens of thousands of dollars in initial and annual costs. StorMagic SvSAN's ease of configuration and management and small physical footprint are unmatched in the hyperconverged solution space.*

Jed Steiner
Team Lead of Technical Installations, NISC

During installation, StorMagic helped NISC implement simple, easy-to-manage VMware infrastructures at its 8 member sites. Not only did the solution provide high availability within a small physical footprint, it also allowed for a 50% reduction in required Oracle license costs – which translated into $22,610 in initial cost savings and $3,610 annually per site.

Today, NISC's SvSAN clusters are running virtual machine applications in hyperconverged configurations at all 8 sites, and are managed through StorMagic's VMware vCenter plugin.

WHY STORMAGIC

COST EFFECTIVE
NISC realized a 50% reduction in Oracle hardware and software licensing costs, resulting in $22,610 in initial cost savings and $3,610 annually, per site.

REDUCED HARDWARE AND FOOTPRINT
StorMagic eliminates bulky physical SANs by converging compute and storage into a lightweight commodity x86 server footprint. NISC reclaimed significant floorspace by switching from VRTX to the SvSAN platform.

SUPERIOR SUPPORT
During the POC process, StorMagic ensured NISC that SvSAN was a good fit for their members as they had not implemented virtual SAN solutions previously.

To read more about StorMagic SvSAN, visit:
https://stormagic.com/svsan/

Server Configuration (Per Server)

SvSAN License	Standard Edition
Servers	Dell PowerEdge R7515 servers
CPU	1 x 32 core CPU per host
Memory	512 GB
Storage	12 TB
Disk Configuration	16 x 960gb SSD RAID 10, 6 x 2.4 TB 10K RPM SAS RAID 6
Networking	10GbE direct connect Fibre, 4x 10 GbE SFP+, 4 x 1GbE BaseT
Hypervisor	VMware vSphere Essentials Plus Kit
Applications	VMware. Oracle database for billing, accounting, and engineering software. MS SQL for mapping software. Apache for web services. Java for billing, accounting, and engineering software
Guest VM Operating Systems	SuSE Linux 15 SP4
Data Protection	Veeam for offsite backups and replication where required