

StarWind Software Inc.

Investing in future generation...



Agenda

- Computerization of education
 - Opportunities
 - Tasks
 - Challenges
- Solution
- Why StarWind Software?
 - Opportunities
 - Features
 - Advantages
- Conclusion



The world has changed...

Computer availability is unavoidable for educational institutions that are serious about staying relevant in the world that is rapidly evolving to a paperless society. Text books, as any other form of traditional print media, are becoming digital.

Many schools, colleges and universities have already computerized their classrooms or are in the process now...



Opportunities of computerization

Computers and IT technologies are becoming more and more important within education as both a learning tool for students and for keeping records of all individuals. The new opportunities were opened for education such as:

- ✓ distance education;
- ✓ online lectures;
- ✓ video tutoring;
- ✓ webinars;
- ✓ online tests;
- ✓ online assignments and marks;
- ✓ online libraries etc.



Tasks

Tasks that inevitably present themselves to IT System Administrators:

- ✓ IT efficiency must be constantly improving;
- ✓ Networks must provide connectivity across campuses with high quality of service levels;
- ✓ Data security must be guaranteed to protect privacy and sensitive information;
- ✓ Data and applications must be accessible and available.



Challenges:

- A huge amount of data that needs to be securely stored and backed up;
- Low, tight, sometimes diminishing educational budgets;
- Limited knowledge and exposure to the rapidly changing IT products available to educational institutions;
- Continually purchasing new storage systems and hiring the IT staff to manage the growing infrastructure is usually not in the budget.



Solution

StarWind Software Inc.

We care about education!

"We have to make all IT decisions on a limited budget and StarWind made that easy."

- Bradley Barnes, Manager of Technology Resources ,Oklahoma State University College of Veterinary Medicine

"Since I installed the StarWind Server, I haven't touched it," said Jones, "No downtime: we just set it and forget it."

- Kyle Jones, IT Manager, Lawrence Academy

"The whole process from evaluating the product and discussions with StarWind technical staff to final purchase was straightforward, helpful and in no way did I ever feel forced to purchasing the product. This is the first class product and company."

- Robert Marshall, IT Systems Manager, Prior Pursglove College



Why StarWind?

Server and desktop virtualization have many cost-saving benefits, but to complete the virtualization picture you need one very essential thing –**storage**.

StarWind solution is a reliable SAN software that enables you to enjoy all the benefits of virtualization and save money by avoiding purchasing of expensive equipment. With StarWind you can use the **existing storage assets** and gain the best utilization and performance of current equipment.

StarWind offers virtualization software with a full range of enterprise-class features at the **cost-effective and affordable prices**. It provides colleges, universities, public school systems, school districts and other educational entities with special **extra discounts**.

Moreover, any IT administrator familiar with Windows should be able to install and configure StarWind iSCSI SAN in less than 30 minutes.



Opportunities

With StarWind you'll be able to:

- ✓ Maximize your existing storage for today and tomorrow's challenges from a single console
- ✓ Provide more secure storage to students, faculty and staff that is accessible from anywhere at any time
- ✓ Improve uptime and provisioning for a diverse number of campuses and their email, Web servers and other mission-critical applications
- ✓ Implement more responsive and faster disaster recovery, business continuity and risk management solutions to maintain and even enhance uptime



StarWind Brings You



The following PROFITS:

- Cost Savings - Up to 90% lower storage cost
- 100% Reliability
- 99,9999 % High Availability
- ZERO downtime
- Ideal for Hyper-V, VMware and XenServer
- Investment Protection – Unlimited storage capacity
- Performance Acceleration
- No single point of failure with Automatic Failover.
- Simplified Management
- Utilization Improvement - Turns any existing hardware into SAN

Features

- High Availability (HA) Active/Active/Active Storage **New!**
- Asynchronous Replication over WAN **New!**
- Snapshots and Continuous Data Protection
- Thin Provisioning
- Global Deduplication **New!**
- Clustered Scale-Out NAS **New!**
- Image Files
- SPTI and Disk Bridge
- Cache: Write-Through/Back
- Backup for Hyper-V **New!**
- Backup for VMware **New!**
- IPSec, CHAP, ACL, iSNS
- COM-Object and PowerShell; SMI-S Beta **New!**

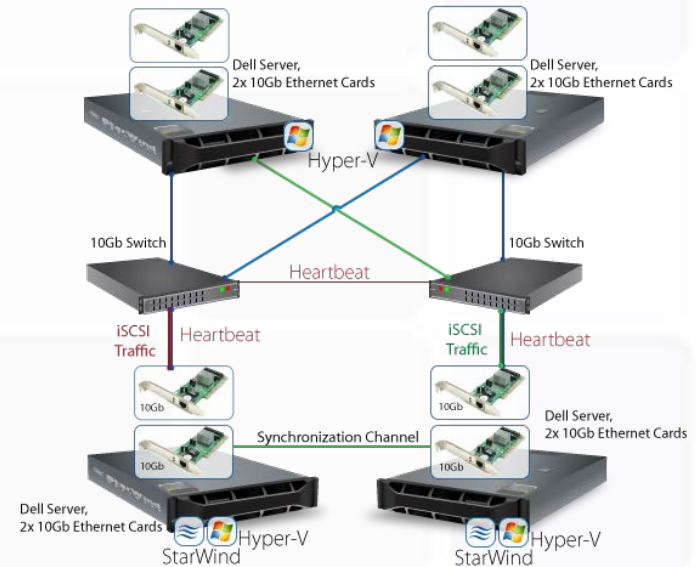


Advantage

Low TCO

Low Total Cost of Ownership (TCO):

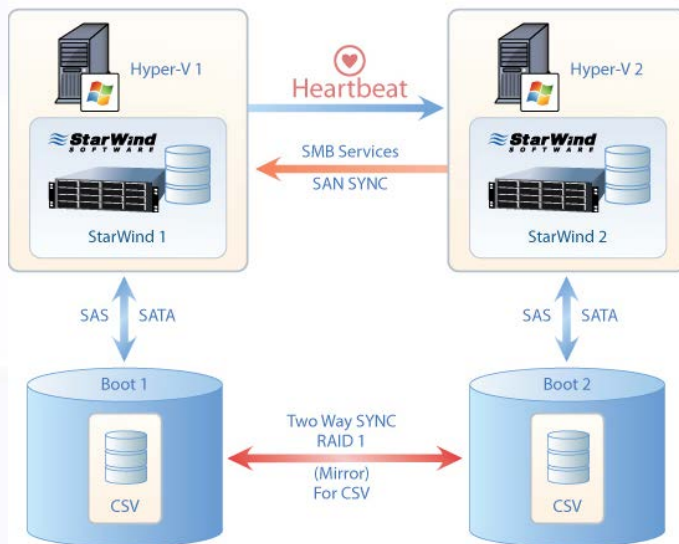
- Runs on your existing hardware saving money on purchase of additional server hardware
- Global Deduplication saves storage space
- Automatic tiering saves money on hard disk drives and allows to build SSD performing hybrid storage system for fraction of cost (coming soon!)
- Built-in Snapshots, Deduplication and Compression-based WAN acceleration eliminate the need for expensive link to DR site.



Advantage

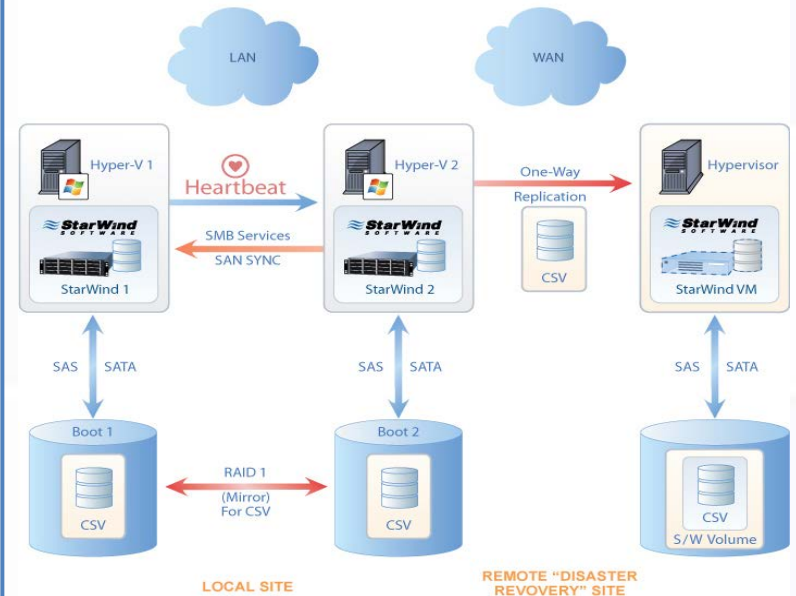
Reliability

StarWind Active-Active storage Cluster



- ▶ StarWind **Active-Active** cluster is configured to round robin MPIO scenario

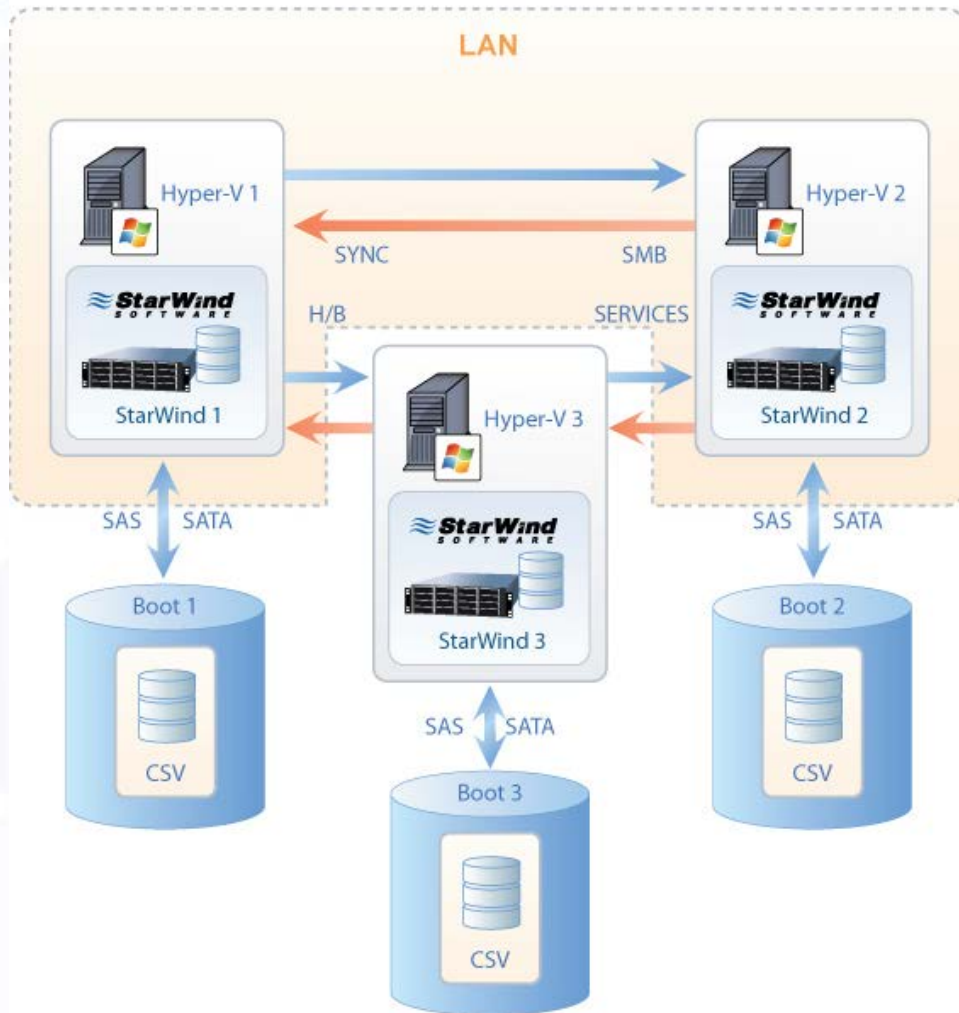
StarWind 1+2 Node Cluster



- ▶ Two local nodes and one remote node option for DR providing «**LAST CHANCE**» copy of StarWind controlled data to recover
- ▶ **99,9999% High Availability**

Advantage

Performance



StarWind Three-Node configuration tolerates one or two node's failure without performance degradation!

If One Node is down, configuration degrades to Two Node Cluster still being:

- ▶ Redundant
- ▶ Write Back Cache Enabled
- ▶ Round Robin MPIO Service Capable

Advantage

Simplicity

- ✓ You install and configure it in a couple of clicks
- ✓ Easy to manage and maintain
- ✓ Single Management Console
- ✓ Minimized administration overhead during production cycle
- ✓ No need to learn proprietary SAN or NAS technologies



Conclusion

- StarWind SAN software delivers an ideal mix of performance, simplicity and enterprise-class features at an **affordable price** and opens the opportunity to use all the **cost-saving benefits** of virtualization.
- StarWind Software Inc. provides all educational entities with access to **exceptional promotional offers** and **special discounts** on virtualization software.
- StarWind improves IT efficiency, provides secure storage to students, faculty and staff that is accessible from anywhere at any time, protects privacy and sensitive information and guaranties:
 - ✓ **100% reliability**
 - ✓ **99.9999% high availability**
 - ✓ **Zero downtime!**



Thank You for Your Attention!

You can download a 30 Day Trial version here:
<http://www.starwindsoftware.com>

Please contact us to learn more about our education pricing :

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