

# SANRAD V-Switch

Open iSCSI SAN Optimized  
for Server Virtualization

SANRAD's V-Switch is an open and scalable iSCSI SAN appliance with strong support for Server Virtualization. The V-Switch connects and pools storage devices to provide enterprise class SAN storage services at SMB cost levels. SANRAD's storage service level assurance, integrated high availability clustering, and WAN replication protect even the most mission critical applications in virtualized environments.



The V-Switch delivers end to end protection and optimized storage performance for all virtualized applications. SANRAD's unlimited licensing of storage virtualization features makes the V-Switch the perfect match for your storage needs and budgetary requirements.

# SANRAD V-Switch Optimized Open iSCSI SAN for Server Virtualization

## ● End to End Business Continuity across Storage and Servers

- The V-Switch tightly integrates storage high availability with server high availability for end to end business continuity.
- Cross array synchronous mirroring and active/active clustering deliver unparalleled fault tolerance for virtual applications.
- Metro cluster functionality assures autonomous recovery of virtual machines even in case of complete building failures.

## ● Performance Assurance for I/O Intensive Applications like Exchange and MS SQL within Virtualized Environments

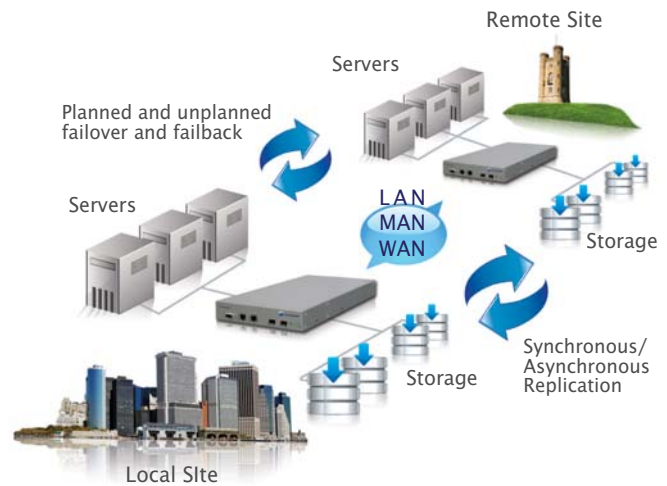
- Service level assurance (SLA) protection for storage access of mission critical applications in virtualized environments.
- Storage pooling of tiered storage resources to support demanding applications without compromising price.

## ● Easy Deployment and Management

- High performance, simple iSCSI connectivity to your virtual servers.
- Unlimited license to create, deploy, and protect virtual volumes.
- Simple live data migration across any arrays connected to the V-Switch.
- Online volume resizing during production.

## ● WAN Replication & Disaster Recovery

- Built in replication across WANs with multi volume consistency groups.



- Replicate across heterogeneous storage resources both locally and remotely.
- Deploy your legacy storage at one or both locations for optimal utilization of existing storage investments.

## ● Support for VMware, Hyper-V, and Virtual Iron (Oracle) Server Virtualization

- Supports concurrent usage with heterogeneous server virtualization technologies from different vendors as well as virtualized and non-virtualized servers for easy testing and migration.

## ● Easy expansion with addition of storage

- Pool and virtualized storage resources across heterogeneous storage arrays with SANRAD's storage virtualization technology.
- Supports your growing storage needs by seamlessly scaling with the addition of heterogeneous storage arrays.

|  | V-Switch 2000 | V-Switch 3440 |
|--|---------------|---------------|
| All services & licenses included           | ✓             | ✓             |
| Gb Ethernet ports                          | 2             | 3             |
| FC Storage ports                           | 2             | 4             |
| Virtual volume licensing                   | Unlimited     | Unlimited     |
| Cluster (over fiber) and replication (WAN) | ✓             | ✓             |
| Redundant power supplies                   | Single        | Dual          |
| Processor                                  | Single        | Dual          |



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