QUICKSPECS

MODELS

Compaq SANworks Secure Path v3.1 for Windows NT and Windows 2000

Secure Path v3.1 for Windows NT and Windows 2000

Multi-path I/O high availability software, advanced RAID technology, enabling no single point of failure from server to storage

STANDARD FEATURES

No Single Point-Of-Failure

Multiple path failover capability and redundant components architecture eliminate single points-of-failure from server to storage in a clustered or single server configuration.

High Availability

Dual-active SCSI and fibre channel controllers provide redundant paths for continuous 24x7 data access.

Clustered Server Support

Dual node cluster support for host level fault tolerance and high system availability.
- Microsoft Cluster Server (MSCS) support
- Oracle Parallel Server (OPS) support

Multi-host Support

Secure Path supports groupings of up to 8 hosts, either cooperating or non-cooperating.

Operating System Support

Supports Microsoft Windows NT v4.0, Microsoft Cluster Server and Microsoft Windows 2000.

Manageability

Secure Path Manager (SPM) has a graphical user interface that allows continuous monitoring of the multi-path environment, displays path status and alerts on significant events. SPM is integrated with the StorageWorks Command Console. Secure Path manager provides for static (user-selectable) or automatic load balancing to ensure maximum I/O efficiency.

Servers

Compaq ProLiant servers (HA/F500)
All other vendors X86 servers supported

Packaging

Software kit containing CDROM, documentation and license

Warranty

Standard Industry 90 day conformance

BENEFITS AT A GLANCE

Feature	Function	Benefit
Multiple path management	Reroutes I/O to functioning alternate path in case of hardware failure	No Single point of failure from server to storage
	Monitors and reroutes data to balance I/O load	Allows dynamic I/O distribution
Remote Management	Graphical user interface	Ease of use
	Displays current path status	
Autofailback	Online automatic return of storage sets to repaired preferred I/O path	Lights-out operation
Dual active controllers	Multibus mode allows each controller to be configured on its own bus and to process I/O independently	High system availability and performance boost

TECHNICAL SPECIFICATIONS

Basic Configuration	Standalone storage configuration with dual controllers
ACS Support	Supports ACS V8.3, 8.4, 8.5f
Operating System Support	Microsoft Windows NT 4.0, Microsoft Windows 2000
Application Support	Oracle Parallel Server
	SWCC
Controller Interface	SCSI and Fibre Channel
Performance Degradation	0.5%
Warranty	3 year (1 year on-site)

REGULATORY APPROVALS

Standards for CD-ROM. No special regulatory approvals for the software itself

ORDERING INFORMATION

If you are ordering Secure Path for Windows NT and Windows 2000 for the first time, order the following part number:

165989-B21 – This part number includes the CD-ROM, License for one copy of Secure Path V3.1 for Windows NT and Windows 2000, and all documentation.

If you have Secure Path V3.0 for Windows NT, simply download the upgrade from the following web site:

http://www.compaq.com/products/storageworks/storage_mgmt_software.html