MODELS

**Compaq SANworks
Enterprise Volume Manager**

Compaq SANworks Enterprise Volume Manager

Compaq SANworks Enterprise Volume Manager (EVM) is web-based application software that manages controller-based clone and snapshot operations. EVM can be used to meet business continuance requirements by minimizing application downtime required for system backups and data migration activities. EVM automates the creation of command files that control the cloning or snapshot operation. EVM also allows you to mount the clone or snapshot on a second host on the same controller. The second host can then act as a dedicated backup server or data warehouse server. All operations are then done on the clone or snapshot, minimizing performance impact on the production system. In the case of backup, your backup window can now be expanded up to 24 hours.

STANDARD FEATURES

Multi-Vendor Operating Systems Support

EVM supports Windows NT and Windows 2000, Tru64™ Unix and Sun Solaris. Other operating system support will follow. SANworks EVM provides consistent storage management regardless of the operating system.

Web-based application

SANworks EVM is accessible from any system that has a web browser.

Cloning *and* Snapshot

EVM use can be optimized by selecting either cloning or snapshot, whichever is best for the application and RAID type. Snapshots are virtual copies and clones are physical copies. Snapshots are ideal for quick recovery. Cloning is well-suited for data warehousing and testing. Both are ideal for backup.

Plug and Play with Existing Applications

EVM supports plug and play with existing applications - Oracle, SQL, VERITAS Backup Exec, Veritas NetBackup, and ArcServe Legato Networker. Future support will be provided for Enterprise Backup Solution (EBS).

Supports LAN-less Backup

Backup data is routed via the SAN, thereby eliminating any possible LAN-based performance bottlenecks.

Hub or Switch Configurations Supported

Those using either technology can take advantage of EVM's features.

BENEFITS

- **Parallel Processing –** Provides increased availability of production data to keep the business running while tasks such as data mining or migration, backups, upgrades, testing, or work distribution are taking place.
- **Expanded Backup Window –** Mission-critical applications cannot afford downtime during the traditional backup window. Storage systems are growing in capacity to the point where backup cannot be completed in off-hours. Business demands for data require it to be available around the clock, leaving no backup window. SANworks Enterprise Volume Manager provides a virtual 24 x 7 backup window.
- **Simplified, Centralized Storage Management –** Distributed storage can be controlled from a central site which results in reduced complexity and cost of storage management.
- **Easy-to-Use –** The well-designed, easy-to-use GUI simplifies management by allowing storage managers to create customizable, reusable scripts for completing the complex cloning and snapshot tasks.
- **Investment Protection –** SANworks Enterprise Volume Manager uses industry-standard server and network components.
- **Data Integrity Ensured –** SANworks Enterprise Volume Manager transfers point-in-time consistent data to the production volume copy to ensure that data is accurate and current.
- **Business Continuance –** SANworks Enterprise Volume Manager ensures business continuance by protecting against data loss and interruptions.
- **Packaging –** Software kit containing CD-ROM, documentation and license

Warranty

The SANworks Product Limited Warranty includes:

Software
- Conformance to Software Product Description (SPD) or general conformance to documentation – 90 days
- Software telephone support on RA8000 and RA12000 models – 90 days

BENEFITS *(continued)*

Service and Support

Optional services and support available:

Software Product Services (recommended for all installations)
- Telephone support
- New version update services, including license and media/documentation subscription services

TECHNICAL SPECIFICATIONS

Basic Configuration	1 server with up to 9 clients (one license required for each server and client)
ACS Support	ACS V8.5F, V8.5S
Controller Support	HSG80 in an RA8000 or ESA12000 configuration
Operating System Support	Windows NT Intel V4.0 SP5, Windows 2000, Sun Solaris and Tru64 Unix
Application Support	Oracle8
	SQL
	Microsoft Exchange on Windows NT
	Legato Networker
	VERITAS Backup Exec
	ARCServeIT
Browsers Supported	Internet Explorer
	Netscape
Controller Interface	Fibre: switch or loop (snapshots are supported in switch environments only)
Cloning Performance	Current testing is at 60 GB/hour
Y2K Compliant	Yes

ORDERING INFORMATION

Compaq SANworks Enterprise Volume Manager for Windows NT-Intel License & Media (CD-ROM)	160094-B21
Compaq SANworks Enterprise Volume Manager for Windows 2000 License & Media (CD-ROM)	180607-B21
Compaq SANworks Enterprise Volume Manager for Tru64 Unix License & Media (CD-ROM)	180608-B21
Compaq SANworks Enterprise Volume Manager for Sun Solaris	160095-B21