Sun StorEdge™ Utilization Suite Software

Dynamic archiving, reduced backup windows, fast recovery.

Sun microsystems

Dynamic remote archiving
Extend continuous archiving capabilities to remote sites with SAM Remote.

Easy management of multi-terabyte files
Manage very large files easily with SAM Segment.

Simplified data migration
Retire your legacy systems nondisruptively with Migration Toolkit.
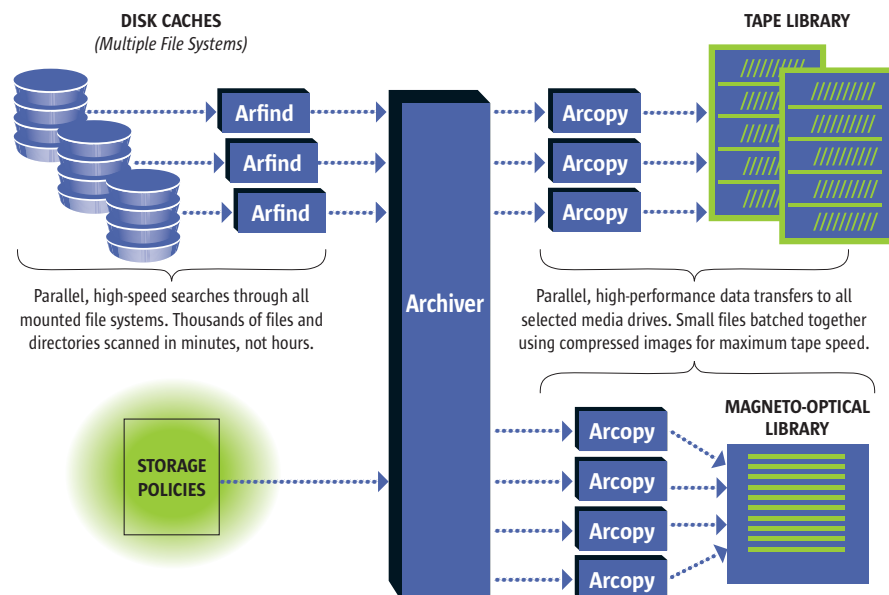
Heterogeneous file sharing
Share files across storage media seamlessly in conjunction with Sun StorEdge™ Performance Suite software.

Manage your information assets according to their business value.

Sun StorEdge™ Utilization Suite software, featuring Sun StorEdge™ SAM-FS software, consolidates the best archiving and backup methodologies in a high-performance file system with unmatched scalability. The software automatically backs up work in progress and creates file copies from the source that can be migrated to any storage media. Combined with traditional data protection software, Sun StorEdge Utilization Suite software can dramatically reduce the time required to complete enterprise backups. By setting automatic archiving policies that determine when, where, and how information is stored, you can manage large volumes of data cost-effectively. As organizational needs evolve, you can change management policies without adversely affecting previously archived files. In the event of a business disruption, your enterprise can return to full productivity quickly, because users have access to files as soon as metadata is restored rather than waiting for all data to be restored before coming back online.

Sun StorEdge Complete Storage Solutions—providing you with comprehensive software, hardware, and services to solve your business challenges enterprise-wide.

DISK CACHES
(Multiple File Systems)

Arfind
Arfind
Arfind

Parallel, high-speed searches through all mounted file systems. Thousands of files and directories scanned in minutes, not hours.

STORAGE POLICIES

Archiver

TAPE LIBRARY

Arcopy
Arcopy
Arcopy

Parallel, high-performance data transfers to all selected media drives. Small files batched together using compressed images for maximum tape speed.

MAGNETO-OPTICAL LIBRARY

Arcopy
Arcopy
Arcopy
Arcopy

Sun StorEdge™ Utilization Suite Software

Features and Benefits

FEATURES	BENEFITS
Disk to disk copy/ archive capability	Develop more resilient disaster recovery scenarios
	Enhance performance and data integrity for copying to remote sites
Tape drive sharing	Improve resource utilization
Archiving/backup	Create up to four copies of primary data from its source to different media
	Protect information assets cost-effectively
Metadata archiving	Recover from business disruptions in minutes or hours as opposed to days
Read-behind	Begin reading a file before it is fully restored
Policy-based management	Simplify administration and grow the data environment without adding IT resources to manage it
Integrated volume management (striping)	Increase bandwidth to sequential I/O applications
	Enhance throughput of multi-user applications
Stripe groups	Improve speed and predictability of performance for data-intensive applications
System error facility (SEF) reporting mechanism	Notify administrator of aging tapes that need to be replaced or rotated
	Prevent complications due to tape failures
Quotas	Improve resource utilization by controlling space consumption
Access control lists (ACLs)	Heighten data access security

Product Requirements

Minimum software footprint (disk space)	30 MB (recommended)
Minimum memory and CPU recommended	Standard Sun server configuration
Supported platforms	Solaris™ Operating Environment 8, 9 (SPARC® Platform Edition)
Compatible third-party applications	Oracle 9i
	VERITAS VxVM 3.1.1 or later
	VERITAS NetBackup 3.4 or later
	Legato Networker 6.0.2 or later
	Tivoli SANergy Tivoli File Sharing API 2.2.3, 2.3, 3.1
Tape libraries	Supports all Sun StorEdge Tape Libraries and most major manufacturers' tape and optical storage libraries. For a complete list of supported libraries visit: *http://www.sun.com/storage/software/utilization/libraries.pdf*

Sun's Storage ONE provides open, integrated storage management

Modeled after the Sun™ Open Net Environment (Sun ONE), Storage ONE is Sun's strategy to provide an open, integrated storage management family. The goals of the company's Storage ONE software strategy are to provide integrated storage management to enable a service-level approach to application storage provisioning, the best convergence of visualization and virtualization capabilities for both storage resource and application management, and the most integrated and open storage management architecture based on the use of SNIA-endorsed Common Information Model (CIM) APIs and offering thorough policy-based automation.

Sun Services

Our storage services consultants can design and implement storage management solutions that leverage the industry-leading features of this software. These consultants understand the storage environment and the interdependencies between storage and the rest of your infrastructure, so that your investment in Sun can deliver improved productivity and exceptional return on investment.

For additional information on these products, go to *www.sun.com/storage/software/utilization/*