

## Sun Compliance and Content Management Solution For Lotus Domino



Sun, partnering with AXS-ONE, provides a fully automated heterogeneous messaging and data archiving and management solution for regulated environments that lowers overall operational, administrative and storage costs while helping to meet regulatory or corporate governance requirements. Sun's Compliance and Content Management (C2MS) Solution was created to focus on financial services and other businesses needing to address business compliance (e.g., Sarbanes-Oxley) and business governance requirements. The solution is based on the use of Sun Infrastructure (including the Content Infrastructure System and the Sun StorEdge Compliance Archiving System, Sun StorEdge (SAM-FS) and the AXS-One Compliance Platform.

### Compliance Capturing and Cost-effective Management of Lotus Notes Databases with Sun Compliance and Content Management solution

This solution addresses regulatory compliance, business governance and litigation support for customers across all their electronic records from one single web-based portal. Opportunities exist across all business sectors with special near term requirements for the financial services, telecommunications, manufacturing, utilities, healthcare and life sciences industries.

Electronic communication is increasing at a rapid pace directly impacting the amount of message data that companies need to store. The growth of databases containing messages and files serving thousands of employees requires network administrators to provide more storage capacity and CPU power. This somehow has to be accomplished within budget. The Compliance and Content Management solution from Sun™ addresses these challenges head-on.

#### More Mail

Once considered a novelty, e-mail now is a mission critical application for organizations throughout the world. As users increasingly rely on e-mail as their file management system, on-demand access to the message store is essential for productivity. Employees receive an average of 50 e-mails daily, and these messages contain valuable corporate

intellectual property along with business proprietary information. The number and size of e-mails (including presentations and video attachments) is growing continuously, while there is high legal and competitive risk associated with forcing users to delete files or forward messages to private accounts.

The result is that organizations are investing in new server hardware, additional hard disk capacity, and CPU power to support the application requirements of ever-growing Lotus Domino databases. With this method, the database backups alone are unmanageable—requiring too much time and money. Wouldn't it be more effective to store your Lotus Domino database information on less expensive media (magnetic tapes or reusable CD-ROMs)—while still providing users on demand access to data and ensuring that files are automatically backed up and easily recovered?

#### Solution Overview

Sun Compliance & Content Management solution for Lotus Domino is a powerful, cost-effective storage management solution for efficiently archiving and managing large amounts of data from Lotus Domino. This solution offers many benefits to an enterprise, including control over the automatic archiving

process, fast retrieval of archived data, centralized administration, and simple installation. Additionally, the archiving process is transparent to the user. That is, the user takes no special action to archive a message or to retrieve it: archived messages still appear to reside in the user's mail database. This archiving solution enables enterprises to dramatically cut costs by reducing the need for mail server hardware and expensive daily back up media.

### Sophisticated Functions of SAM-FS

Part of the Sun StorEdge Utilization Suite, SAM-FS software consolidates the best backup, recovery, and archiving methods in a complete file system offering from Sun Microsystems. Able to be fully implemented with Lotus Domino, this solution provides more performance and capacity than traditional standard file systems and avoids the need to install and invest in software on client systems. Functions include:

- Archiving — Data residing on disks is copied to tape devices according to pre-defined criteria.
- Releasing — After the completion of the archiving process, the disk space is released for new Domino data.
- Staging — Archived data is copied back online from nearline media for user access.
- Recycling — Storage capacity on the backup media is released when files no longer need to be stored.
- Recovery — Archived data can be used as a backup copy for protection from data loss of all kinds.

Users can access and control the archiving function via either the Notes client or via a Web browser.

### Laptop and Offline Users fully supported

Archived e-mail documents are replaced with Domino Document Links, allowing users to view them as ordinary mail messages. The Document Link simply refers to an entry in a database stored in the SAM-FS file system. Each archived e-mail is displayed in the user's

mailbox and is identified as an archived document with a small icon. A pointer refers to the partition accessible to the user. If the user chooses to modify a file, the staging/ retrieval time varies, depending on the type and number of drives contained in the tape library. Once retrieved, the file is back on disk. Archiving is quick and easy.

Note: Users do not require additional training because Sun's Compliance and Content Management solution is integrated with the Notes client, is Notes compliant, and is user-friendly.

### Making Life Easier for Administrators

Backup and administration processes typically require administrators to continually monitor and intervene when necessary. With SAM-FS virtually all processes are automatic:

- Mobile laptop users can access the entire offline functionality.
- Efficient, centralized archiving administration.
- Soft quotas — Limiting the size of user mailboxes. Individual limits can be changed at any time. If the size of a mailbox exceeds the set value of 100 MB, for example, older documents will be archived until the mailbox is once again within its pre-defined limit.
- Smaller messages without attachments are backed up on demand only. This setting, too, can be changed on an individual basis.
- Archived data can be stored in several versions according to individual requirements.
- If a problem arises, the administrator is alerted via e-mail.

All functions fully support Lotus Domino clustering, regardless of the number of servers requiring archiving.

### Benefits at a Glance

Cost savings!

Full Audit Trail, Records & Retention Management

All Data can be searched and reviewed at any time through a Web Portal

Transparent to the end-user. Policy-based administration.

No application or template changes necessary.

No relational databases required.

High performance and massive scalability.

Original e-mail signatures are preserved for any legal compliance.

### Requirements

Sun StorEdge Utilization Suite with Sun StorEdge

Compliance and Content Management solution license.

Sun Solaris™ Server.

Lotus Domino version 5.x or later.

Sun Solaris 8 or later.

Sun StorEdge Arrays and/or tape libraries.

The archiving solution may be integrated with any platform, including AIX, OS/390, AS/OS 400, Windows (NT, 2000, XP), HP-UX, and Linux. A Sun server must be used as an archive server. Supports virtually all popular tape libraries and optical media.

To learn more about solutions from Sun and Lotus, visit [www.sun.com/lotus](http://www.sun.com/lotus).

## Complete Storage Solutions from Sun: Grow your Business, Not your Budget

Web transactions. Online searches. Decision support. Database applications. E-mail messages in the billions. The data explosion shows no signs of slowing.

The complexities involved with safely linking everything from servers to storage, software, tape libraries, host bus adapters, hubs, switches, and more in today's IT environments are steadily increasing. Add to that the intricacies of storage area network (SAN) configurations, the connection of global data centers, and the pressure to ensure 24x7 business continuance—even in the event of disaster—and things can quickly become overwhelming.

And it doesn't end there. You want to get more out of your existing infrastructure, maximize utilization of your storage resources, streamline your supply channels, tighten relationships with customers, cut costs, improve productivity, and do more with less.

### End-to-End Services Architecture

All of our solutions are built to a single, focused, service obsessed architectural vision that we call the End-to-End Services Architecture, of which storage is an integral part.

### Sun StorEdge Complete Storage Solutions — do more for your business.

Sun boasts complete storage solutions because we provide more than just storage. Sun offers a complete end-to-end IT infrastructure—from the powerful Solaris™ Operating Environment to industry-leading servers, storage, software, services, and support. All from a single source.

Sun StorEdge solutions are proven to solve business challenges enterprise-wide. That means your organization can enjoy service levels matched to your specific applications, low total cost of ownership (TCO), a rock solid data continuance environment—and optimal business gain.