

SECURE EVERYTHING
**THE NEXT GENERATION
OF DATA SECURITY**



Data protection in today's environment is an area fraught with risk. Losing vital customer or confidential corporate data can cost your company its reputation and its financial security. At the same time, you face more choices than ever for storage. The resulting complexity and lack of standardization lead to rising costs, ineffective results, and the very real risk of leaving your data exposed. No one is better positioned than Sun Microsystems to help you protect your most valuable asset — your data.

Sun and Security

Security is the DNA of Sun. For 25 years, security has been a fundamental enabler of network computing. It is embedded in everything, everywhere. For us, security is built in, not “bolted on.”

We take a whole-system approach to security and compliance, integrating layered protection directly into essential IT infrastructure. Sun takes into consideration the value placed on your data, the access needed to your data, the desired simplicity of managing your infrastructure, and the trust that your data is secure.

“Sun StorageTek™ has a solid reputation, and excellent customer history servicing needs similar to ours. Forbes.com has intense backup requirements, both regulatory and real-time, so we were very confident that we would get the solution we desired. We've already tripled in size since outsourcing data backup and restore, and the solution has scaled with us. Sun StorageTek™ has served us incredibly well and has scaled with our business. I am overwhelmingly satisfied with the way Sun StorageTek™ supports us.”

Mike Smith, General Manager, Operations
Forbes

A VAST Improvement in Data Security

As we deliver the next generation of data protection, Sun has created four criteria to help you make the right choices:

- **Value.** This is about reducing risk; your data needs to be safe, available, and accessible. Sun reduces this risk with high availability solutions that enable business continuity throughout your infrastructure.
- **Access.** You want to have confidence that your data is being accessed by the right people throughout its life cycle. Sun provides identity-enabled data access that automatically places, migrates, retains, and deletes data according to business policies.
- **Simplicity.** Our solutions help you simplify management and automate policies that support efficiencies in your environment. With an automated data management infrastructure, your data is secure from creation, through transit, and at rest.
- **Trust.** You must be able to trust the integrity of your infrastructure so that your business critical data will not be compromised. It's also about trusting your partner — and 37% of the world's data is stored on Sun StorageTek™ solutions.

DATA SECURITY

THE RIGHT CHOICES FOR PROTECTING YOUR DATA

A Systemic Approach to Security

Sun understands that managing risk, cost, and complexity effectively requires achieving a careful balance across business, operational, and technical boundaries. Architectures must be sufficiently flexible to respond to ever-changing business opportunities, policies, regulatory pressures, and threat profiles. That means protecting your data from creation to deletion at any point in the data lifecycle.

Sun uniquely provides a series of protective layers — a whole-system approach to encryption at three levels of your system.

At the **server** level, data is protected the moment it's created, with minimal risk of its being intercepted, either accidentally or maliciously. Sun offers a complete portfolio of products and services, including the **Sun Crypto Accelerator 6000 card** and **Solaris™ 10 Operating System (OS)** — which provide integrated security controls and a cryptographic framework. The **Sun Java™ Identity Management Suite** provides the core functions needed to use, share, and manage identity information including directory services, access management, provisioning, and federation. These solutions improve security, lower costs, and increase service levels.

At the **in-band** level, Sun offers solutions using third-party software and appliances.

At the **device** level, Sun offers a no-compromise approach — secure, easy to implement, and at a lower total cost of ownership. With our new enterprise-level **Sun StorageTek™ T10000** tape drive, you get a higher level of security than ever before, with better performance and reliability and a 500-MB normal capacity — a full terabyte of compressed data on one

cartridge. And we will design a device-independent key management station appliance that not only improves security, but also helps you more effectively manage your data.

Securing the infrastructure surrounding your data is paramount. Sun advocates this at data creation, data transport, and at the device level. We deliver the most complete security and identity based management solutions to safeguard and simplify appropriate access to your data over its life cycle.

Delivering the Right Solution for Your Business

With data professionals operating worldwide, Sun brings a world of experience to help you with your unique security needs. We will work with you to deploy the infrastructure best suited to sustained risk management and sustainable compliance:

- We help you plan and integrate better security into your existing IT infrastructure and engender trust from customers, employees, and business partners.
- We help you maximize the efficiency and value of your IT investments — bolstering security and accountability without paying for a lot of extras.
- We make it easier and faster to build secure systems and face new challenges. Secure-by-design building blocks make security and compliance simpler to implement.

The Sun StorageTek™ Encryption Consulting Service

includes security risk analysis, encryption vendor selection, vendor interoperability, and point of contact and solution implementation.

WORLD-CLASS SERVICE AND SUPPORT

No one is better positioned than Sun to help you manage your most valuable asset – your data. The Sun global team of service professionals helps you address your information management challenges by delivering integrated services so you can reduce cost, speed the return on your investment, maximize your resources, and ensure data availability. Our portfolio of services is designed to provide continuous expertise throughout the data management lifecycle – from architecture and implementation to management and support. Our data management experts can assess your current systems environment and pinpoint opportunities to leverage information assets, to optimize your environment, and to mitigate business risk. Then together we can recommend, design, and implement an adaptive infrastructure to meet your evolving data management needs. When you partner with the Sun Data Management Services team, you can be sure that your needs are our utmost priority and that your goals are our goals. You can focus on your business while we focus on your data management challenges.



sun.com
Sun Microsystems, Inc.
4150 Network Circle, Santa Clara, CA 95054 USA
Phone: 1-650-960-1300 or 1-800-555-9SUN

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