



# **SSH Tectia<sup>®</sup>/SUN Solaris 10 with Zones for the Enterprise**

**Leveraging SSH Tectia and Sun Solaris 10 with Zones for a Cost-effective, Secure Solution to Protect Data-in-transit for the Enterprise**

***Application Note***

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## ENTERPRISE SECURITY

### CHALLENGE

While diversity of information systems and sophistication of attacks against data security continue to grow, protecting sensitive data is becoming increasingly challenging.

Regulatory compliance requirements such as SOX 404, PCI DSS, CA SB 1386 and other US Government mandates such as FISMA and HSPD-12 have become a priority for enterprises and government agencies. These issues, along with financial liabilities and the potential to damage the reputation of a company due to security breaches, have now pushed data security to the forefront of today's business needs.

### SSH TECTIA SOLUTION

SSH Tectia® is the leading end-to-end communications security solution for large enterprises, financial institutions, and government agencies worldwide. Today more than half of the Global Fortune 100 enterprises rely on SSH Tectia to ensure the confidentiality and integrity of mission-critical data throughout their internal and external networks.

Some major SSH Tectia benefits include:

- No modification to the existing infrastructure or the applications required.
- Ideal for protection of legacy applications.
- Supports Sun Solaris 8 and 9 on SPARC, and Sun Solaris 9 on SPARC and x86.
- Supports zones on Sun Solaris 10.
- Increased performance and scalability with SSH G3 architecture.
- Centrally managed for easy deployment of pre-configured SSH Tectia software, policy changes and enforcement and auditing functionality to meet increasing business demands.

- Helps enterprises and government entities with challenges related to compliancy mandates.

### APPLICATION AREAS

The SSH Tectia solution addresses a variety of data security needs throughout the enterprise - secure system administration, secure file transfer and secure application connectivity.

SSH Tectia provides system administrators the ability to remotely and securely manage servers in heterogeneous environments. It provides a secure replacement for Telnet, Unix R-utilities, and other unsecured login and remote command execution tools.

SSH Tectia is widely used for secure file transfer (SFTP), ensuring confidentiality, integrity, and authenticity of both manual and automated file transfers throughout complex, heterogeneous enterprise networks.

SSH Tectia can be used to transparently secure virtually any TCP/IP-based application connections between user workstations and application servers. It protects data-in-transit throughout internal and external networks without any modification to the existing infrastructure or application.

SSH Tectia Manager enables centralized deployment of pre-configured SSH Tectia software, maintenance, configuration, monitoring and auditing functionality within heterogeneous SSH Tectia environments, creating an attractive ROI while helping achieve and maintain regulatory compliance.

### SUPPORT FOR SOLARIS ZONES

Solaris Zones provides service virtualization and namespace isolation to processes running in a non-global zone.

## SSH Communications Security

SSH Tectia can be used to protect data-in-transit to and from individual or all of the Solaris Zones giving customers the flexibility and security to meet their business-critical needs.

### SERVICE AND SUPPORT

To meet your specific support and maintenance needs throughout the life cycle of the SSH Tectia solution, SSH Communications Security provides a variety of support plans. Our Support Centers are staffed with highly skilled support engineers who have the expertise and knowledge of SSH Tectia products.

For more information on SSH Tectia Support Plans, please visit:

<http://www.ssh.com/products/services/support/>

### BUILDING ON THE VALUE OF A STRONG RELATIONSHIP

Whether for small entry-level systems or large super-computing servers, SSH and Sun Microsystems deliver the best-of-breed solutions for the most demanding environments. SSH delivers robust encryption to protect data-in-transit throughout the enterprise without any modification to existing infrastructure or applications.

Sun Microsystems, an industry leader in server technology offers powerful, feature-rich server solutions for any size environment. Together SSH and Sun deliver a robust, secure and reliable solution to meet demanding IT requirements.

### WORKING TOGETHER TO DRIVE YOUR SUCCESS

SSH Tectia is the de-facto standard for secure replacement of Telnet, FTP, and other data in transit. SSH Tectia products are used by millions worldwide for secure system administration, secure file transfers and secure application connectivity. SSH continuously expands its SSH Tectia solution to meet

demanding communications security needs of large organizations.

Sun Microsystems invests in research and development to create products and services that provide competitive differentiation for their customers and for developers adopting Sun technology. Sun integrates software, storage, services and systems, believing volume drives value. Sun shares technology in order to grow communities, increase participation and build new markets.

### WORKING TOGETHER WITH SUN

Since 1995 SSH Communications Security has developed software enabling users to access SUN workstations and servers securely. Today SSH Tectia is deployed on SUN SPARC and x86 servers at thousands of sites worldwide enabling some of the worlds largest financial institutions, enterprises and government organizations to securely run their mission critical business applications. Enterprises select the enterprise class SSH Tectia over competitive or embedded products due to its wide range of features and attractive Total Cost of Ownership.