

CASE STUDY

Tectia® Secures IT Infrastructure and Business Operations for a Major Global Financial Company

A leading financial services company with millions of customers in more than 100 countries replaces an open-source solution with Tectia to secure remote system administration and file transfer operations.

Bearish on Open Source Security

For one of the world's leading financial services firms, securing complex global computing environment is no small task, including more than 15,000 servers and tens of thousands of users in over 100 countries. The need to securely manage and administer security systems, policies, servers, and users across such a complex infrastructure would tax the majority of today's enterprise security solutions. To ensure business continuity, the company also needed to comply with governmental and other security requirements as efficiently as possible.

Initially the company tried an open-source solution, OpenSSH, but found that the scope and breadth of its security requirements quickly exceeded the capabilities of that technology. Management of its diverse and numerous installations became cost-prohibitive. Other key challenges included enforcing and monitoring configuration policies and software updates throughout the enterprise environment. In addition, because OpenSSH only supports Unix platforms, the company was unable to extend security services to its large numbers of Windows servers and workstations- leaving a gaping hole of vulnerability in its enterprise infrastructure.

Profiting from Tectia

After comprehensive analysis and evaluation, the company chose the Tectia Secure Solutions to secure remote access and protect file transfers across the globe, replacing the existing OpenSSH environment with Tectia without any modifications to the existing infrastructure or applications. Tectia provided the easiest and fastest migration path from OpenSSH.



Unlike OpenSSH, Tectia allowed the company to deploy a single, robust security solution across all of its computing platforms, including Sun Solaris, IBM AIX and Mainframes, Red Hat Enterprise Linux, and Microsoft Windows, ensuring that all critical company information was protected from end to end. Tectia eliminated unsecured legacy applications such as FTP and Telnet, providing secure (file transfer and remote access. In addition, the standards-based Tectia solution integrated with existing corporate services allowing the company to easily meet its authentication policy requirements.

To ensure operational and cost efficiency of managing and administering such a large enterprise security environment the company also deployed Tectia Manager. Tectia Manager allowed the IT operations and security to easily pre-configure and deploy Tectia installations across the globe, ensuring and maintaining consistent policies and encryption configurations. In addition, the robust auditing features in Tectia Manager simplified security compliance in the face of ever-increasing government regulations.

TECTIA

Your People. Your Secrets. Protected.

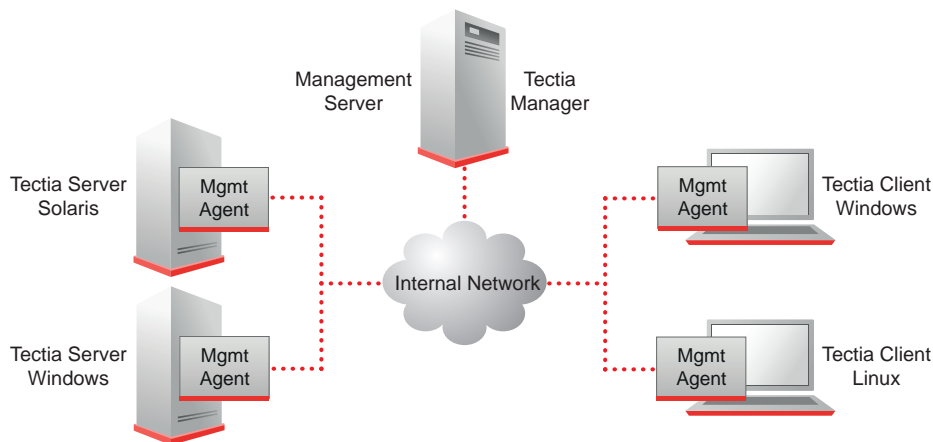


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Tectia also provided 24x7 technical support and custom engineering to meet the unique needs of such a large worldwide enterprise security deployment. **OpenSSH offered no management functionality or satisfactory technical support, and the company was spending over \$700,000 per update or patch to maintain their existing OpenSSH environment.** The cost and operational inefficiency of maintaining an open-source environment was prohibitive. Tectia provided a lower TCO (Total Cost of Ownership), improved operational efficiency and significant cost savings to the company with a high return on investment.

The Bottom Line

Tectia helped the institution overcome the limitations of an open source environment by providing a robust, standards-based solution with world-class support. Securing data in transit end to end throughout its diverse multi-platform enterprise environment was a critical factor for maintaining regulatory compliance, and meeting internal and external auditing requirements. In addition, Tectia Manager simplified the process of deploying and managing the company's diverse mix of 15,000+ servers and tens of thousands of users spread across the globe.



Example of Tectia Solution deployment at case customer premises

The decision to deploy Tectia was based on these factors:

Robust Enterprise Security

Strong encryption and support for several authentication technologies ensures the security and integrity of sensitive financial information and mission-critical data throughout the enterprise.

Multi-platform Support

Cross interoperable support for Unix, Linux, Windows, IBM AIX and mainframe. Tectia has the largest multi-platform support for demanding heterogeneous environments.

Easy Integration

The Tectia solution requires NO modifications to the existing infrastructure or applications. It is ideal for legacy applications found in most financial institutions.

Centralized Management

Robust management for easy configuration, deployment, maintenance and auditing to ease the burden on IT resources and to enable real-time updating of new security policies.

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