



Remove security exposure for file transfers while satisfying compliance and security requirements

Sterling Secure Proxy

Benefits

- Guard against unauthorised access and reduce data vulnerability to protect your brand
- Leverage the Internet to lower your file transfer cost and grow your file transfer community
- Comply with regulatory policies and pass tougher security audits

Related offerings

- Connect:Direct®
- Connect:Express®
- Sterling Control Center™
- Sterling File Gateway™
- Sterling Integrator®

Protect your brand and enhance customer loyalty

Although organisations are increasingly using the Internet for file transfers, business communications over this unsecured channel are at risk. Sterling Secure Proxy™ is an application proxy that secures and shields your trusted network from external attacks by preventing direct communications between trading partners and internal servers. Sterling Secure Proxy provides demilitarized zone-based (DMZ) authentication, session breaks and SSL terminations prior to allowing communications with the trusted network. It allows you to protect your trusted zone from unauthorised access by enforcing even tighter controls with multi-factor authentication.

Balance security and costs

IT departments find it hard to manage the need for tighter security as organisations increasingly use the Internet as a lower-cost transmission channel for file transfers. Security experts are turning to proxy servers to shield applications and protocols in the trusted internal network from the public Internet. In addition to encryption and authentication, organisations can implement a proxy server to terminate the file transfer session and fully authenticate the trading partner before establishing a second session to the internal network. This feature prevents

direct access to the organisation's trusted zone and protects against increasing threats, like "man-in-the-middle" and "denial-of-service" attacks. Organisations need to protect their internal networks and file transfers from malicious attacks by incorporating the added security provided by proxy servers and a defense-in-depth strategy by utilising multiple security layers.

Leverage the Internet to grow your file transfer community

Sterling Secure Proxy promotes rapid expansion of your trading partner community by allowing you to leverage the Internet for secure file transfer. Sterling Secure Proxy provides secure Internet communications for your file transfer infrastructure by blocking common URL exploits, using command filters, and providing configurable handling of protocol violations. In addition, it allows you to significantly reduce partner onboarding time and costs by consolidating security management in a single proxy while the customisable logon portal enables partners' self-service password administration. Authentication options allow you to integrate with existing security infrastructure to centralise user credentials and control user management costs. It is a highly scalable solution ideal for supporting rapid growth in your trading partner community.

Comply with increasingly stringent security and regulatory policies

Sterling Secure Proxy increases perimeter security for your file transfer infrastructure. This makes it easier to meet strict security audits and comply with corporate requirements, industry

mandates, and government regulations. Sterling Secure Proxy incorporates firewall navigation best practices to prevent direct communications between internal and external servers and exposes attacks at the perimeter.

Capability	Description
Application proxy	<ul style="list-style-type: none">• Resides in the demilitarized zone (DMZ)• Supports Connect:Direct, Connect:Express and Sterling Integrator servers• Support for multiple DMZ environments• Supports FTP, FTPS, HTTP, HTTPS, SSH/SFTP, PeSIT and Connect:Direct protocols
Firewall navigation best practices	<ul style="list-style-type: none">• Prevents inbound holes in the firewall• Minimises rich targets in the DMZ by ensuring that files, user credentials and data are not stored in the DMZ• Establishes sessions from more-trusted to less-trusted zones• Enforces internal and external security policies
Perimeter security	<ul style="list-style-type: none">• Prevents direct communications between external and internal sessions by establishing secure session breaks in the DMZ using SSL or TLS• Inspects protocol and sensitive control information, enabling configurable error handling for violations• Session limits and data encryption guard against denial-of-service attacks
Authentication Services	<ul style="list-style-type: none">• Customisable logon portal provides self-service password management for trading partners• Supports single sign-on and integrates with existing security infrastructure, including Active Directory and Tivoli user databases• Multifactor authentication enforces tight controls and validation of trading partner identity in the DMZ before information is passed to the trusted zone• Authentication options include IP address, user ID and password, digital certificates, SSH Keys, RSA SecurID
Clustering	<ul style="list-style-type: none">• One central configuration manager pushes out configuration rules to multiple engines running in the DMZ, making it easy to scale• Clustering for high availability and load balancing provides operational continuity and improved performance

About Sterling Commerce

Sterling Commerce, an AT&T Inc. (NYSE:T) company, helps companies optimise and transform their Business Collaboration Network quickly, easily and securely so they can accelerate revenues, reduce costs and protect their enterprise. Sterling Commerce provides more than 30,000 customers worldwide with applications and integration solutions to connect, communicate and collaborate with their customers, partners and suppliers. Learn more at www.sterlingcommerce.co.uk.

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SC0402 11/09