

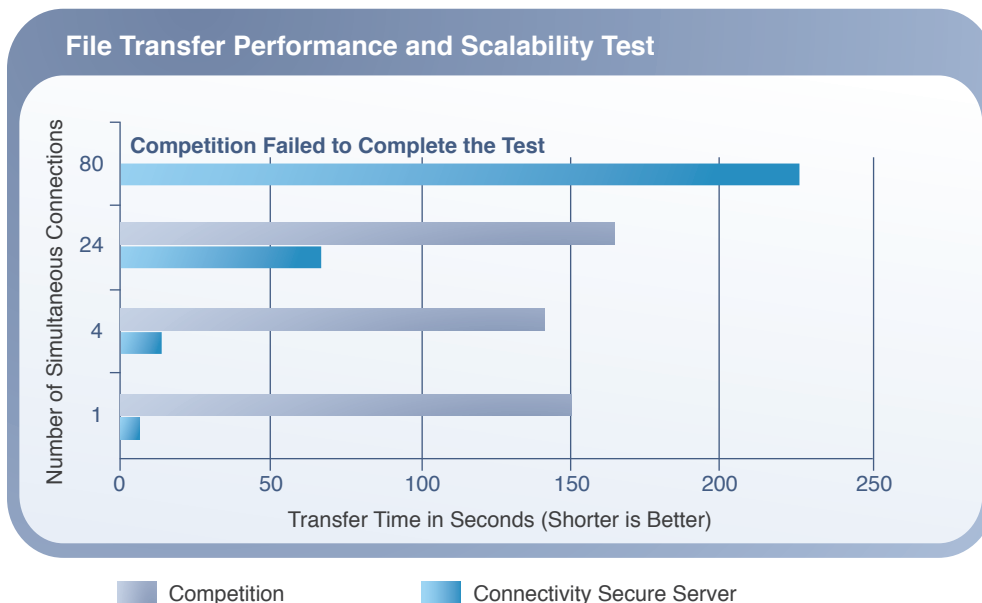
DOCUMENT* PRESENTED
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access
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management
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Connectivity Secure Server™ 1.0

There is no need for an organization to compromise on security, performance, or cost control. Connectivity Secure Server is a state-of-the-art Secure Shell solution from Hummingbird, the Open Text Connectivity Solutions group. It offers best-in-class application and file transfer security, unrivaled performance, and rapid return on investment.



Many companies continue to heavily rely on Telnet and FTP as mechanisms for remote access and file transfer despite their security weaknesses.

With security breaches costing billions of dollars and industry regulations requiring significant compliance efforts, organizations are looking for solutions that offer the flexibility and functionality they are used to, in addition to robust security and high performance.

Connectivity Secure Server is a highly scalable, high performance Secure Shell server from Hummingbird, the creator of Exceed® and Exceed onDemand® and the industry choice for UNIX®-based applications' remote access. It transparently plugs into any TCP/IP network and offers several strong authentication mechanisms, government grade encryption algorithms, and content integrity protection methods for data in transit.

Higher Performance for Faster ROI

Although similar products offer strong security, Connectivity Secure Server is unbeatable when it comes to performance. With faster file transfer, better up-time, smaller memory and CPU consumption, as well as support for a higher number of simultaneous user sessions, Connectivity Secure Server outperforms the competition while delivering superior return on investment in mission critical environments. Its secured central administration console ensures that your administrators will save as much time managing the server as the users do employing it.

Security Facts

- Security breaches cost companies \$90 to \$305 per compromised record
- More than 25% of network managers still configure their devices with insecure telnet
- Secure remote access and secure file transfer are among the Top 5 network security management issues these days

Regulations and Industry Standards that impact security policies¹:

- SOX
- HIPAA
- GLBA
- PCI-DSS
- EURO-SOX
- SB 1386
- DPA
- FISMA

Feature Highlights

- **Secure:** Fully supports the SSH2 standard (RFC 4253). Offers organizations secure File Transfer, Remote Console Access, Remote Execution and Application Tunneling functionalities
- **High Speed:** Efficient architecture allows faster file transfer and console access
- **Scalable:** Support a higher number of simultaneous user sessions with less CPU and memory footprints
- **Stable:** Longer up-time, higher reliability, increased user productivity, and lower administrative overhead result in superior return on investment
- **Compliant:** Adhere to stringent security standards and requirements thanks to the FIPS 140-2 validated Hummingbird Cryptographic Module²
- **Comprehensive Remote Management:** Manage services, control user access, and monitor system performance from any computer over the network

Note 1 – List is non-exhaustive

Note 2 – Hummingbird Cryptographic Module is available in 32-bit only. Customers may install 32-bit software on x64 platforms.

Secure Alternative to FTP

Built in the 70's, FTP has become an auditor's nightmare and a major security loophole due to clear text authentication and data transmission, anonymous access, bounce attack, use of ephemeral ports, lack of host identification; the list grows, depending on the implementation being used. Connectivity Secure Server replaces FTP with SFTP, a strongly encrypted file transfer protocol that easily traverses firewalls and fully authenticates the host and the client.

“Most companies have little idea how pervasive FTP activity is in their organizations because FTP is no longer just a protocol for internal and external file integration mechanism.”

— *Leading Analyst Firm*

Support your Compliance Efforts

The past 10 years have seen regulations and industry standards taking a more prominent place in the way organizations run their business. With these regulations impacting financial institutions, publicly traded companies, healthcare sectors, government agencies, retail companies, and many other types of organizations, no industry has been spared. Connectivity Secure Server helps organizations achieve their compliance objectives by offering them the ability to protect mission-critical information in transit, guaranteeing its integrity and preventing unauthorized access.

Secure Applications Transparently

Too many third party applications do not offer enough network security, sending information in clear text over the network. For organizations, getting vendors to acknowledge this issue and adding security layers to their applications has been an uphill battle. Connectivity Secure Server offers support for server side port forwarding, allowing administrators to add end-to-end encryption and strong authentication to any third party application without the need to modify its code or patch it.

Complete Point-to-point Security Solution

Customers looking for a complete, cost effective, point-to-point security solution can use Connectivity Secure Server in conjunction with the other Hummingbird security products: Connectivity Secure Shell, the Secure Shell add-on for Exceed and HostExplorer,® or Connectivity SecureTerm,® the only Web and desktop based standalone Secure Shell client on the market. All products include the FIPS 140-2 certified Hummingbird Cryptographic Module² for increased security.

Licensing Models

Administrator Edition

- Number of Connections: 2
- Usage: Offers administrative staffs secure remote access and execution capabilities to manage remote computers.

Workgroup Edition

- Number of Connections: 10
- Usage: Suitable for workgroups and departments.

Enterprise Edition

- Number of Connections: Unlimited
- Usage: Offers unlimited connections for large enterprises to satisfy all secure connection needs.

Technical Specifications

Ciphers:

- AES, 3DES, Blowfish, ARCFOUR, CAST

Key Exchange:

- RSA, DSA, Diffie-Hellman

MAC:

- MD5, SHA-1, RIPEMD

Authentication:

- Password, Keyboard Interactive, Active Directory (GSSAPI), Active Directory (GSSAPI with Key Exchange)

Secure File Transfer:

- SFTP
- User and Group Access Control to SFTP root directories

Console Access:

- Lite and Full Shell types

Port Forwarding:

- Forward connections from the client to the server

Support:

- Logs all application events
- Status snapshot

Platforms:

- Windows Server 2008 (32/64 bit)
- Windows Server 2003 (32/64 bit)
- Windows XP SP2 or higher (32 bit)
- Windows Vista SP1 or higher (32/64 bit)



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