

SECURITY FEATURES

Security

- TLS 1.3 support for FTPS, HTTPS & Secure WebDAV
- Optional DMZedge for multi-layered security
- Real-time PGP Encryption
- FIPS 140-2 compliant for TLS & SFTP
- SFTP Cipher, MAC & KEX control
- AV Scanning of inbound & outbound files via ICAP
- Optional DMZedge for perimeter security
- PCI DSS Compliance guidelines
- HIPAA Compliance guidelines
- Passwords securely stored as one-way 512-bit hash
- Secure File Delete to prevent the recovery of deleted sensitive files

Password Policies

- Password history policies to control the frequent use of old passwords
- Complex password policies to control and prevent the use of weak or repetitive passwords
- Password expiration
- Secure encryption of passwords & passphrases

Access Control

- Blacklist and/or Whitelist IP addresses
- DoS/Hammering protection
- End user limits on idle connection timeout
- User account expiration
- File Type Restrictions to prevent the upload of unwanted or harmful files

Authentication Methods

- Active Directory, LDAP, and Native Authentication
- Hybrid Authentication (Native + AD or LDAP)
- SFTP password or public key authentication
- Secure FTPS & HTTPS authentication
- 2-Factor Authentication (Multi-Factor Authentication) for an added layer of security

AUTOMATION

File Events

- File uploaded events to trigger when files are uploaded to the server
- Before events to verify and disallow or prevent a file or directory action from occurring
- Push/Pull files to/from remote servers
- Antivirus (AV) scanning via ICAP scheduled or timer events

Developer Tools

- SrxCFG command line utility to mass update, import or export data to/from server configuration
- REST API support
- .Net NuGet package support

Administration

- Automate common Security actions such as running AV scans on files, PGP encrypt or decrypt inbound/outbound files, and running PCI DSS reports (and email report to Security team)
- Automate common IT actions such as running scripts, sending emails with attachments, and zipping/unzipping files

COLLABORATION

- Easily share files stored on Cornerstone as secure links
- Shared files can be password protected
- Secure links can be set to expire
- Securely share files from your desktop, using the QuickSend feature
- Request files from external users with the DropZone feature
- Document collaboration features of WebDAV over HTTP

SCALABILITY

- Clustering and load balancing for high throughput
- High Availability and disaster recovery Active/ Active or Active/Passive configurations
- Database-driven configuration
- UNC paths for unlimited storage capacity
- Native 64-bit implementation
- Load balancing of events across multiple nodes
- Virtual folders for network and/or cloud-based storage
- Multi-Tenancy configuration (a single server instance can serve multiple distinct user groups using a single DNS)

ADMINISTRATION FEATURES

Server Activity

- Real-time session monitoring
- StatsTrack for Auditing & Management Reports
- Email (SMTP) Support to create and send notifications securely
- SYSLOG support to enable external logging for report generation or database archival

Permissions

- User, Group, and Server-level permissions for granular control

Administration

- Web-based administration
- Role-based administration
- IPv6 Support
- SFTP Key, PGP Key & Certificate Management
- Disk Quota limits by user, group, or server

Customization

- WebUI branding to customize web interface

Cloud and On-Premises Deployment Options

Cornerstone is available on-prem and as a cloud service in Azure or AWS, giving you the power of MFT without the large upfront investment. These Pay-As-You-Go cloud options offer the flexibility to add or remove storage as needed, so you'll only pay for the server instances and computing resources that you use.

Supported Operating Systems

- Windows Server 2016 and higher

Minimum Hardware Requirements

- 2 GHz Pentium® class processor
- 16GB of RAM is required; 32GB recommended
- Minimum 100MB of free disk space

Minimum Software Requirements

- Microsoft .NET Framework v4.0 is required
- Microsoft SQL server 2019 and higher
- Microsoft SQL Server Management Studio Express is recommended