



## Technical Specifications



# Titan FTP Server

## Technical Specifications

### Security Features

#### Security

- TLS 1.3 support for FTPS & HTTPS file transfers
- SFTP Cipher, MAC & KEX control
- Supports Elliptic-curve Diffie–Hellman (ECDH) Key Exchanges (KEXs)

#### Access Control

- IP Access Manager to Blacklist and/or Whitelist IP addresses
- DoS / hammering detection & auto ban logic for users and IPs
- User account expiration
- File type restrictions to prevent the upload of unwanted or harmful files
- End user limits on idle connection timeout

#### Authentication Methods

- Titan FTP native authentication (SQL database)
- Windows authentication
- Secure FTPS & HTTPS authentication
- SFTP password and/or public key authentication
- Active Directory, LDAP, and Native Authentication\*
- Hybrid Authentication (Native + AD or LDAP)\*

#### Password Policies

- Complex password policies to control and prevent the use of weak or repetitive passwords
- Secure encryption of passwords & passphrases

## Automation

### Administration

- Automate common IT actions such as running scripts, sending emails, and many other admin actions

### Developer Tools

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

### File Events

- Schedule events at a set time or interval
- 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

## Scalability

- Load Balancing Support for High Availability (HA) of multiple nodes\*
- High Availability and disaster recovery Active/Active or Active/Passive configurations\*
- Database-driven configuration
- Native 64-bit implementation
- Virtual folders for network and/or cloud-based storage
- UNC paths for unlimited storage capacity

## Web-Based User Interface

- WebUI for end users to access & transfer files via browser
- No plug-ins required
- WebUI branding to customize web interface

## Administration Features

### Server Activity

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

### Permissions

- Set permissions at User, Group, and Server level for granular control
- Server-Level attributes can be inherited by Groups or Users

### Cloud and On-Premises Deployment Options

Titan FTP Server is available on-prem and as a cloud service in Azure or AWS, giving you the scalability of the cloud without a large upfront investment. Titan in the cloud offers preconfigured options such as setup of CUCM backup or SFTP transfers. These PAYG 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 required; 32GB RAM recommended
- Minimum 100MB of free disk space

### Administration

- Web-based administration
- IPv6 Support
- SFTP Key, PGP Key, & TLS Certificate Management

### Minimum Software Requirements

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

**\*Available in Titan Enterprise+ only**

South River Technologies is an innovator in secure file management software. More than 90,000 customers in 140 countries use SRT's software to make remote file access and collaboration more efficient for their customers, partners, and workforce.

[www.TitanFTP.com](http://www.TitanFTP.com)

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