



S-FILER  
PORTAL

# TRANSFER AND SHARE FILES EASILY AND SECURELY

S-Filer/Portal is a robust, user-friendly solution that facilitates the transfer, storage, sharing and synchronization of confidential files between your organization, employees, customers, suppliers, partners and connected devices.

S-Filer/Portal can streamline and consolidate all your file transfer needs on a single platform and eliminate all your legacy FTP servers, home grown, and others file transfer tools.

S-Filer/Portal is available as a SaaS or on-premises solution.



## Concerned about security? You should be.

Information is at the heart of your business and the security of your data is fundamental.

Every day, your employees exchange files containing information that, unfortunately, can fall prey to human error, cyberattacks and fraud.

Because it was designed for business, S-Filer/Portal protects your data while allowing you to share and transfer your mission critical information quickly and efficiently.

## A file transfer solution that protects your data while reducing operating costs

The negative impact on your finances and reputation caused by a data breach, as well as the regulatory requirements for companies to ensure the security of personal information, make it essential to effectively protect your data, in motion and at rest.

S-Filer/Portal process automation and management policies significantly reduce operating costs by eliminating the manual management efforts associated with storage space management, file lifecycle management, and user management, required with traditional managed file transfer (MFT) solutions.

S-Filer/Portal's legendary reliability makes it the solution of choice for organizations whose mission is to transfer extremely large volumes of critical information to tens of thousands of users on a global scale, securely and reliably.



Cybersecurity simplified



## Presenting S-Filer/Portal

S-Filer/Portal is a complete solution, offered as cloud (SaaS) or on-site versions that allows small and large organizations to meet all their file transfer, storage, sharing, and secure synchronization needs.

### Share your files easily and securely

- Practical solution, designed to meet all file transfer requirements (E2E, B2E, B2B, B2C, G2G, G2C).
- S-Filer uses a simplified management model to eliminate operational efforts and combines the functionality of managed file transfer (MFT) and file sharing and synchronization (EFSS) software.

### Secure transfer and storage

- Encrypted data stored in a secure virtual vault using AES 256 technology in compliance with industry standards such as PCI-DSS and securely transferred via SSL-TLS and optional end-to-end encryption.
- Optimal user experience and management through single sign-on (SSO) and integration with Active Directory, LDAP directories and SAML 2.0 identity providers such as MS Azure AD (Office 365)
- External users authenticated and managed separately from internal users by separate authentication domains.
- Multi-factor authentication compatible with standard OTP authenticators e.g., Microsoft, Google, etc.

### Standard Protocols: HTTPS, SFTP, FTPS and SCP

- Secure file transfer via any browser or transfer software using standard protocols such as HTTPS, SFTP, FTPS and SCP, providing maximum flexibility.

### Business Process Automation

- Tight integration with business processes through configurable extensions to perform arbitrary pre or post processing of transfer event information.
- Standard extensions are offered for Groovy scripts as well as for ICAP-compatible anti-virus software.
- Automated management of storage space of quotas, retention periods and secure file deletion.
- Any mobile or connected device can transfer files with S-Filer via industry standard protocols such as SFTP and FTPS.
- The S-Filer Sanctum app, available on iOS and Android, provides an integrated document management experience by allowing users to view, download, edit, upload and share documents on mobile devices.

### Simplified file sharing

- Share files with partners and customers in seconds by easily creating private sharing spaces and inviting members to join with their email address.
- Users have complete control over their sharing spaces while being subject to defined security policies.

## EASE-OF-USE

Features	Benefits
Easy to manage from any web browser	Minimal learning, maximum flexibility
Compatible with all recent browsers for Windows, Linux, Mac OS and with SFTP, FTPS, SSH and SCP protocols	Access anytime, from anywhere, from any web browser and from your connected devices
SSO authentication with Active Directory and SAML	Quick and easy access for users and administrators
Authentication tokens for APIs	Secure and robust connection for automated processes
Multi-factor authentication compatible with standard OTP tokens	Protects your data from leakage and simplifies use by using common applications
Roaming user support	Secure access anytime, from anywhere in the world, from any web browser
No client software installation required	Reduced deployment, support and operating costs. Optimal user experience
S-Filer is multilingual	Optimize your user's experience anywhere in the world
Web-based Administrative Console	Simplified management and administration of the solution
Drag & Drop transfers	Facilitates the use of the solution

## FILE TRANSFERS

Features	Benefits
Unlimited size of files / folders that can be transferred	Allows the transfer of files of all types and sizes: Word, Excel, PowerPoint, PDF, multimedia, database, etc.
Reports on transfers	Allows you to obtain usage statistics and transfer confirmations
Multiple file upload: select multiple files / folders by drag & drop	No learning required: as easy as drag and drop
Progress bar	Progress and completion of the transfer are confirmed
File upload: Select one or more files or folders in the portal	No learning required: double clicks or selection of several files / folders



## SECURITY

### Features

### Benefits

Provides the four A's of security: Authentication, Authorization, Audit and Administration

Your confidential files / folders are secured and remain confidential

Support for HTTPS, TLS, SFTP, FTPS, SSH or SCP protocols

Bidirectional file / folder transfer from any web browser or compatible application

Digital signature and encryption applied according to your policies

Protection is applied transparently to users

End-to-end encryption and public key cryptography

Confidentiality of files / folders is ensured until they are processed by the recipient

Logging of accesses and transfers of files/folders and administrative actions

Provides evidence of management and file transfer activities

Authentication methods

**Passwords** (AD or local accounts)  
**MFA** using standard OTP authenticators (Microsoft, Google, etc.)  
**SSO** (Kerberos with AD SAML 2.0 (IDP SAML 2.0, ADFS, Azure AD, Office 365))

Data in storage is encrypted using industry standard cryptographic and key management algorithms.

Meets industry standards that mandate cryptographic protection of sensitive data such as PCI DSS, GDPR, PIPEDA, etc. synchronized folders

Customer designated Microsoft Azure tenants (S-Filer /Portal SaaS)

Complies with data residency requirements

## WORKFLOW AUTOMATION

### Features

### Benefits

Support for standard transfer protocols

Simplified integration with existing systems and processes

Email confirmation when receiving a new file / folder

Members are notified when a new file/folder available or being processed or after an upload

Automated file / folder transfers to a secure internal zone

Increased security, can be deployed in 1, 2 or 3 tier configurations

Automated batch transfers via API and command line interface (CLI)

Automate file transfer processes, easy integration with workload automation tools

Extensions and web services allow S-Filer to be tailored to specific needs

Allows you to automate processing based on specific events such as the reception of files

## ADVANCED FEATURES

### Features

### Benefits

Customizable portal with your company's colors, logos, and styles

Look and feel aligned with your corporate standards, builds trust, and optimizes the user experience

## SIMPLIFIED MANAGEMENT

### Features

### Benefits

Policies defined at global, community, and share scope level

Simplifies the sharing of encrypted files/folders securely to authorized persons e.g., project teams, clients, etc.

Delegated user administration

Users are managed by those who know them best; saves time and increases security

Web-based management console

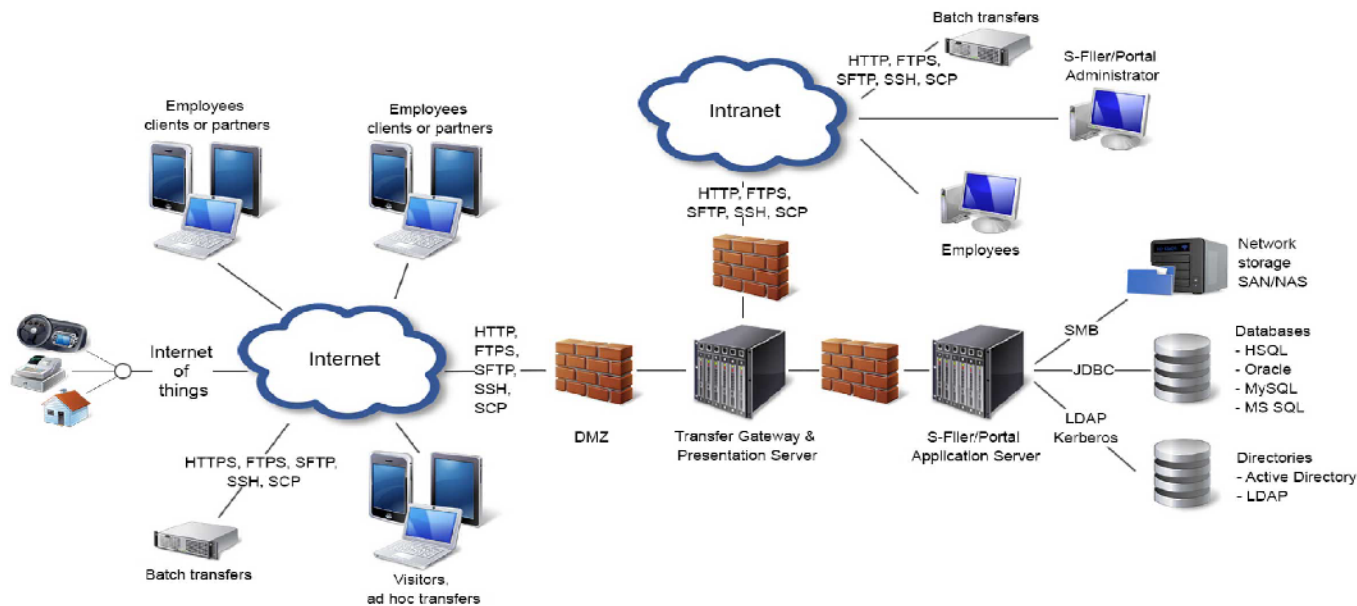
Simple web interface that does not require learning

Virtually unlimited scalability

The solution grows with your business

Simplified creation of sharing and collaboration spaces

Increase productivity by eliminating management delays



## TECHNICAL SPECIFICATIONS

### Supported standards

- 128-bit HTTPS/SSL encryption
- FTPS, SFTP, SCP
- Content protection according to S/MIME V3 and PKCS#7
- Hash algorithm: SHA-1, SHA-256
- Encryption algorithms: 3DES, AES 128, AES 256
- X.509 V3 certificates
- SAML 2.0
- MFA: RFC 6238 Time Based OTP

Please note that export restrictions may apply in some countries.

### S-Filer/Portal as a service (SaaS)

- Dedicated Microsoft Azure tenant
- Sized to customer requirements
- Located in customer designated Microsoft Azure region

### S-Filer/Portal Server Software Compatibility

#### Operating system

- Linux (all distributions)
- Windows Server 2016 and higher

#### Database

- MS SQL
- Azure SQL
- Oracle
- My SQL / Maria DB

## MINIMUM CONFIGURATION (on prem)

### Presentation server and gateway server hardware configuration

#### Windows

- At least a quad-core CPU with 8GB of RAM (recommended)
- Hard disk of at least 32GB.

#### Linux

- At least one dual-core CPU with 4GB of RAM (recommended)
- Hard disk of at least 20GB.

Please note that files are NOT uploaded to the presentation server

### Application server hardware configuration

#### Windows

- At least a quad-core CPU with 8GB of RAM (recommended)
- Hard disk of at least 60GB.

#### Linux

- At least one dual-core CPU with 4GB of RAM (recommended)
- Hard disk of at least 40GB.

#### Notes:

- The available disk space must be at least twice the maximum size of the largest file transferred.
- All components of the S-Filer/Portal server can coexist for minimal configurations.
- The S-Filer/ Portal server can be deployed in virtual machines

### Client compatibility (web interface)

- **Web:** Microsoft Internet Explorer 11, Microsoft EDGE, Firefox, Chrome et Safari
- **Mobile platforms:** IOS, Android and Windows Phone  
All apps supporting HTTPS, SFTP, FTPS, SSH or SCP protocols

### Licences

- Annual subscription based on transfer volume and user tiers

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