S-FILER PORTAL

TRANSFER AND SHARE FILES EASILY AND SECURELY

S-Filer/Portal™ helps information flow freely and securely between your organization, your employees, customers, suppliers, partners and connected devices.

It is an easy-to-use solution that facilitates the secure storage, transfer, sharing and synchronization of your confidential files, while allowing access anytime, anywhere on any device.

Worried about security? You are right.

Information is at the center of your business processes and securing it is fundamental. Every day, employees exchange files with sensitive information that, unfortunately, may fall prey to human error, cyberattacks and fraud.

Because it was designed for enterprise use, S-Filer ensures optimal security of your data while allowing you to quickly and efficiently share files locally or in the cloud, as easily as solutions designed for personal use.

An easy to use file transfer solution that opens your organization to complete mobility

Many files exchanged on the Internet contain confidential information: personal, financial, clients, business strategies, product ideas, proposals and more. You can't afford to let any of it fall into the wrong hands. The negative financial and reputational impact of a data breach as well as regulatory requirements are pressuring organizations to ensure the security of their confidential documents, making it essential to effectively protect information in motion and at rest.

The ideal solution provides effective confidentiality of your transfers, ease of use from any device as well as the flexibility to integrate with your business processes. S-Filer/Portal™, along with the S-Filer/Sanctum™ apps and agents can meet your all your secure file storage, transfer, sharing and synchronization needs on any device.

Introducing S-Filer/Portal

S-Filer/Portal is a complete, on premise solution that allows large and small organizations to meet a wide range of secure file transfer, storage and sharing business requirements.

Share files easily and securely

- Practical solution designed for enterprise use (E2E, B2E, B2B, B2C, G2G, G2C)
- Based on a secure management model and includes the functionality typically found in much more expensive Managed File Transfer (MFT) and Enterprise File Sharing and Synchronization (EFSS) solutions.

Secure File Transfer and Storage

- Encrypted data is stored in secure virtual vaults using AES 256 encryption and transferred securely using SSL/TLS with optional end to end encryption.
- Optimal user experience and manageability through tight integration with Active Directory and LDAP using adoption, Single Sign-On (SSO) and group membership.
- External users are managed and authenticated in separate authentication domains.

Standard Protocols: HTTPS, SFTP, FTPS, SCP

- Transfer Files using any Web browser or file transfer tool using standard protocols including HTTPS, SFTP, FTPS and SCP, providing maximal flexibility.

Business Process Automation

- Tight integration with business processes through user customizable extensions can perform arbitrary pre or post processing of information on transfer events.
- Standard extensions are provided for ICAP based anti-virus scanning and launching user- defined Groovy scripts.
- Automatically manage storage space by enforcing quotas, retention periods and secure file deletion.

Support for iPhone, iPad and Android Devices

- Any mobile or connected device can transfer files with S-Filer trough industry standard protocols such as SFTP and FTPS.
- S-Filer Sanctum™ App, available on IOS and Android platforms, provides a seamless document management experience that allows users to download, edit, upload and share documents using native platform APIs.

Easy File Sharing

- Share files with partners and customers, in a matter of seconds, by simply setting up secure, private spaces and inviting partners by entering their email addresses.
- Authorised users have complete control of their sharing spaces while subjected to the security policies defined by the site administrator.

File Synchronization

- S-Filer/Sanctum for Windows client automatically synchronizes files between directories on a user's Windows desktop and S-Filer Portal shares and communities.
- Members of a project have instant access to the latest version of a document without having to explicitly log on to the system.
- S-Filer/Sanctum provides services perfectly suited to business and organizational contexts.

EASE-OF-USE

Features	Benefits
Easy to use with any Web browser	No learning curve, so people will actually use it
Easy to manage with any Web browser	No learning curve
Compatible with all recent browsers for Windows, Linux, macOS and protocols SFTP, FTPS, SSH et SCP	Any time, anywhere access from virtually any Web browsers and your favorite mobile and connected devices
Login authentication using Active Directory domain or Web form credentials	Users and managers can sign in quickly using their domain user name and password or application specific credentials
Roaming user support	Any time, anywhere secure access from virtually any Web browser, even when traveling
Requires Java Runtime on client only if applet is used.	Lightweight solution, minimal footprint
Multi-language support	Optimize the user experience by supporting their favorite language
Web based administration console	Administrators can easily configure and maintain the system from anywhere

FILE TRANSFERS

Features	Benefits
Resume file transfer in case of interruption	Saves time when transferring large files that are interrupted for any reason
Unlimited file / directory size transfers	Handles any file size and format: Word, Excel, PowerPoint, PDF, multimedia, database, etc
File transfer status report	Report provides proof of delivery
File upload: select multiple files / multiple directories on user PC via drag and drop	No learning curve: as simple as drag and drop
File upload: progress bar	Visual feedback provides proof of completion
File download: select any files / directories in portal	No learning curve: double click or select multiple files / directories

SECURITY

Features	Benefits
Provides four A's of security: Authentication, Authorization, Audit and Administration	Your confidential files remain secure and confidential
SSL, SFTP, FTPS, SSH, SCP	Convenient two-way file transfers from any Web browser or compatible application
Integrated policy-based encryption and digital signature	Protection is applied transparently to users
Standards-based public-key cryptography	Your confidential files remain confidential until processed by a recipient
Logging of file transfers and all administrative events	Provides detailed tamper proof audit
Authentication methods	Support many methods such as username/password, Windows authentication through Active Directory and Web SSO delegated authentication
File transfer from synchronized folders	Collaborate with partners by simply dragging or saving files to synchronized folders

WORKFLOW

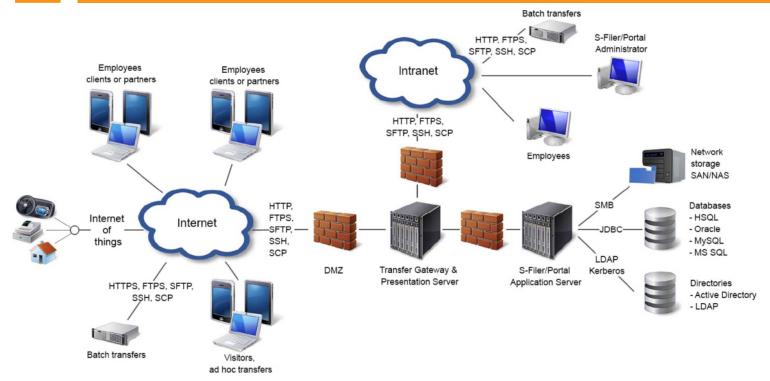| Features	Benefits
Support standard file transfer protocols	Integrate with existing systems and processes
Optional e-mail notification of new file receipt or download	Members know when new files are available or processed

GROUP AND COMMUNITY MANAGEMENT

Features	Benefits
Supports one-to-many file transfers with transparent encryption	Saves time and simplifies use
File-transfers based on communities of interest, such as project teams, clients, etc	Enables secure file-transfers with partners outside your organization, including business partners / clients / customers, etc
Delegation of user administration from IT to business managers	Users managed by people who know them best; saves time and improves security
Web-based administration console	Positive user experience; familiar web interface with next to no learning curve
Scales up to support unlimited number of users	Files and users limited only by space on S-Filer/Portal server hard disk and licence purchased
Create "Share spaces" for sharing and collaborating	Registered users can invite guests using their email address to quickly share files

ADVANCED FEATURES

Features	Benefits
Portal UI customization with company logo, branding, color scheme, and styles	Provides corporate-standard look and feel; builds trust
Automated file transfer to internal zone, so files do not reside in DMZ	Improved security, can be deployed in one, two or three tier configurations
Automated file transfers through command-line interface and APIs	Automatically transfer any files at pre-arranged intervals; ideal for sharing daily or weekly reports
Extensions and web services API allow you to easily customize S-Filer to your needs	Perform processing based on specific events to meet business requirements

Batch transfers

HTTP, FTPS, SFTP, SSH, SCP

S-Filer/Portal Administrator

Intranet

HTTP, FTPS, SFTP, SSH, SCP

Employees

Employees clients or partners

Employees clients or partners

Internet of things

Internet

HTTP, FTPS, SFTP, SSH, SCP

HTTPS, FTPS, SFTP, SSH, SCP

Batch transfers

Visitors, ad hoc transfers

DMZ

Transfer Gateway & Presentation Server

S-Filer/Portal Application Server

Network storage SAN/NAS

SMB

JDBC

LDAP Kerberos

Databases
- HSQL
- Oracle
- MySQL
- MS SQL

Directories
- Active Directory
- LDAP

TECHNICAL SPECIFICATIONS

Standards supported

- HTTPS/SSL 128-bit encryption
- FTPS and SFTP
- S/MIME V3 and PKCS#7 content protection
- SHA-1 hash algorithm
- 3DES, AES 128 and 256 encryption algorithms
- X.509 V3 Certificates

Note that export restrictions may apply to some countries.

SYSTEM REQUIREMENTS

Presentation Server and Multiprotocol Transfer Gateway server Hardware Requirements

- Server must be at minimum a Dual-Core with 2 GB RAM recommended
- 20GB hard disk minimum

Note that files are NOT stored on these Servers.

Application Server Hardware Requirements

- Server must be at minimum a Dual-Core with 2 GB RAM recommended
- 40GB hard disk minimum: Available disk space must be at least twice as large as total size of files stored
- All components of the S-Filer Portal Server can coexist for small configurations. The S-Filer server can be deployed in virtualized mode.

S-Filer/Portal Server Software Compatibility

Operating Systems

- Linux
- Solaris 8.x, 9.x and 10.x
- Windows Server 2003, 2008 and 2012

Serveurs Web

- Apache 2.0 or higher
- IIS 6.0 or higher
- Built-in S-Filer/Portal Web server

Database

- My SQL
- Oracle
- MS SQL Server

Client compatibility

- Java Runtime Environment 5.0 or higher (Required only if applet is used)
- Windows: Microsoft Internet Explorer 11, Microsoft EDGE, Firefox and Chrome
- Linux : Firefox
- Mac OS X: Any supported browser
- Mobile platforms : IOS, Android and Windows Phone, any application supporting the HTTPS, SFTP, FTPS, SSH or SCP protocols ; See list of approved applications.

Licensing

- Perpetual and annual site license

OKIOK

OKIOK is a leader in the field of computer security. Since 1973, the company has distinguished itself through the excellence of its products and the high quality of its services. OKIOK offers a wide range of integrated solutions designed to meet the needs of organiza-tions of all sizes.