



S-FILER/Portal

S I M P L E , S E C U R E F I L E - T R A N S F E R S

An easy-to-use Web portal that provides simple, secure file transfers for anywhere, anytime access to confidential files.

S-Filer/Portal makes it easy to create secure channels with any customer, supplier or business partner.

Everyone wants information. And nobody wants to wait. So every day, your people e-mail out files with sensitive information.

But with hackers and crackers and snoopers and sniffers, can you still trust the Internet?

And if you don't do something to safeguard your files, you may not meet regulatory requirements.



A file-transfer system that's so simple, your people will actually use it.

Your people handle confidential information every day. Medical, financial, and customer files. New product ideas. Bids and proposals. You can't afford to let any of it fall into the wrong hands.

Your people work in flexible teams, exchanging lots of files with customers, suppliers, and business partners outside your walls. But there are more regulations for handling information every day.

So why are you still sending out files in the clear that anyone can read – with no security measures to protect them?

You need a system that automatically applies tight security to your confidential files.

You need a file-transfer system so simple and easy that your people will actually use it.

You need S-Filer/Portal.

Worried about security? You should be.

Every day, we hear another story about credit card fraud, identity theft, and confidential information exposed to prying eyes. How would your company cope if this happened to you? Chances are, your firm would lose credibility, lose customers, and lose money. You might even lose your job.

So what's a manager to do?

There are lots of security products intended to safeguard files. But not many are suited to a business like yours. Why not? They're just too hard to use, or too expensive to buy.

The products designed for hobbyists add a lot of steps, and are too complicated for non-technical users to bother with. You don't want to impose a solution that frustrates your people and makes them struggle with security certificates, encryption, and FTP.

The products designed for big business do a good job of keeping files secure – for a big price. These products also take your IT people a lot of time to set up and maintain. Can you afford that?

Most firms need something in between: a secure file-transfer system that's easy to use, simple to manage, doesn't take a lot of IT support, and doesn't cost a fortune.

Introducing S-Filer/Portal

S-Filer/Portal is a solution designed for the real world. It's perfect for organizations like yours that need to protect confidential files residing on your own servers and in transit.

Standards-based security

S-Filer/Portal is built on proven industry standards such as X.509 certificates, SSL and S/MIME encryption. But it hides all that complexity from your people. Your content is automatically encrypted according to your security policies. And until an authorized user retrieves a file, it stays protected.

Community-based model

Authorized users belong to communities where they can exchange files according to your policies. You can set up any number of communities, mapped to your internal departments, or to project teams with business partners. Communities are built from users within groups, drawn from any industry-standard LDAP repository.

Policies ensure protection

Your policies determine who can access files, who gets e-mail notification, how long files stay on the server, and other details. To help meet compliance requirements, detailed logs show all activity at the user, community, and corporate level.

Easy to use, easy to manage

A user can start a file transfer from the Web portal. Or they can simply click the link in the e-mail notification. All transfers are done through the industry-standard protocols such as HTTPS, FTPS or SFTP, making it straightforward to exchange files with trading partners. A restart/resume feature ensures that if a lengthy file transfer is interrupted for any reason, it can be restarted where it left off, saving valuable time.

In short, S-Filer/Portal provides a practical level of security that people will use.

Ease-of-use	
FEATURES	BENEFITS
Easy to use with any Web browser	No learning curve, so people will actually use it to secure files
Easy to manage with any Web browser	No learning curve, so managers will actually use it
Compatible with all recent browsers for Windows or Apple	Any time, anywhere access from virtually any Web browser
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
No software footprint on PC: based on Java applet	No software to install on PCs; no IT support burden or delays
Multi-language support	Web interface supporting multiple language
Web based administration console	The administrator can easily configure and maintain the secured file-transfer system

File transfers

FEATURES	BENEFITS
Resume file transfer in case of interruption	Saves time 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	Instant report provides proof of delivery and builds trust
File upload: select multiple files / multiple directories on user PC	No learning curve: as simple as File-Open
File upload: progress bar	Visual feedback provides proof of delivery and builds trust
File download: select any files / directories in portal	No learning curve: as simple as selecting multiple files / directories and clicking a web link

Security

FEATURES	BENEFITS
Provides four A's of security: Authentication, Authorization, Audit and Administration	Your confidential files remain secure and confidential
Secure, SSL-protected, Web-based file transfers	Convenient two-way file transfers from any Web browser
Integrated policy-based encryption and digital signature	Protection is applied transparently to users
Standards-based public-key cryptography using S/MIME	Your confidential files remain confidential until processed by a recipient
File-transfer logging	Provides detailed audit trail for added security
Authentication methods	Support many methods such as username/password, Windows authentication through Active Directory and Web SSO
File-transfer from the desktop using the SendTo feature	Easy way to transfer secure files directly from the desktop by simply right-clicking on a file through Single Sign On authentication

Workflow

FEATURES	BENEFITS
Group and community based file transfer	Holidays, sick days, or traveling do not interrupt business
Communities map to project teams, including outside business partners or clients	Preserves and enhances team workflow; supports any business model
Optional e-mail notification of new file receipt or download	Members know when new files are available or processed

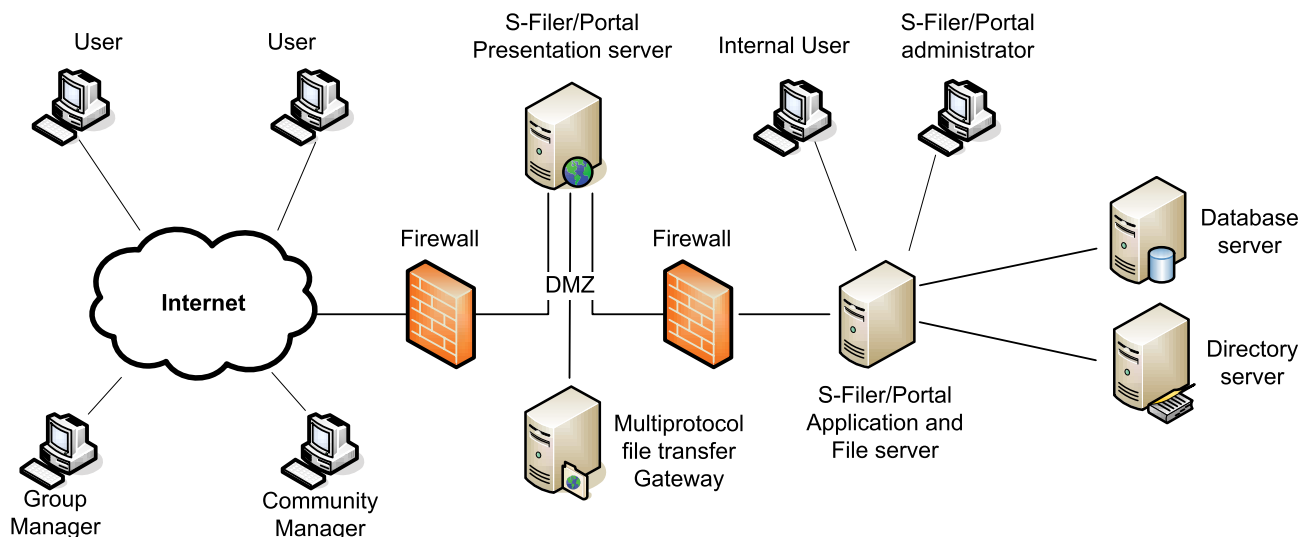
Group and community management

FEATURES	BENEFITS
Supports one-to-many file transfers with transparent encryption	Saves time and simplifies use
File-transfers based on communities, such as project teams	Enables secure file-transfers with partners outside your company
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	Web interface with next to no learning curve, so managers can actually use it
Scales up to support unlimited number of users	Files and users limited only by space on S-Filer/Portal server hard disk

Advanced features

FEATURES	BENEFITS
Portal UI customization with company logo, branding, color scheme, and styles	Provides corporate-standard look and feel; builds trust
Automatic file transfer to internal zone, so files do not reside in DMZ	Improved security, can be deployed in one, two or three tier configurations
Batch file transfers through command-line interface	Automatically transfer any files at pre-arranged intervals; ideal for sharing daily or weekly reports
Several components such as extensions and web services API allow you to easily customize S-Filer to your needs	Do further processing based on specific events to meet organization requirements or compliance

S-Filer/Portal System Architecture



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 and 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

S-Filer/Portal Server Software Compatibility

Operating Systems

- Linux
- Solaris 8.x and 9.x
- Windows XP, Vista, Windows 7, 2003 and 2008

Web Servers

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

Other Software

- Java based
- HSQL (supplied with S-Filer/Portal), MS-SQL, Oracle, MySQL

Client Software Requirements

- Java Runtime Environment 1.3 or higher*
- Windows: Internet Explorer 6.0 or higher, Firefox 3.0 or higher
- Mac OS X with any supported browser

Licensing

- Perpetual and annual site license

* No software to install: 88% of PCs already run JRE. Java One Java developer conference, May 2006. All major brands of PCs ship with JRE pre-loaded, including Acer, Apple, Dell, Gateway, HP, Lenovo (was IBM), Samsung, Toshiba and Tsinghua Tongfang. If not present, JRE is a free download.