



SLIFT

Founded in 1997 by Professor K.Y. Lam, PrivyLink is geared to meet the strong industrial demands for high-assurance delivery channels in secure electronic transactions and information exchange. We have established ourselves as the key innovator of strong security solutions. Our products offer adaptive end-to-end security protection for applications and data exchanged over fixed networks and mobile channels. In addition, we have been engaged by reputable organizations to provide consulting services, security system design and review. Our clients include government agencies, financial institutions and MNCs.



SLIFT

A secure document exchange solution designed to meet your business and personal needs

SLIFT, which stands for Secure Lightweight Information and File Transfer, is one of PrivyLink's flagship products. It comprises a comprehensive suite of application software for securing data and files against unauthorized access. SLIFT is used by individuals, application developers, companies and government departments for securely exchanging documents via email, FTP and HTTP.

For more information, please visit our website at <http://www.privylink.com/> or contact us by email: sales@privylink.com.sg

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delivers truly end-to-end security

Comprehensive Solution

The line of SLIFT secure document exchange products is by far the most comprehensive in the market. They cater for use in many scenarios including:

- Email users exchange sensitive documents (e.g. MS Outlook*)
- Email users exchange documents with Data Centre or other applications
- Web users submit / receive documents to / from Data Centre
- Application programs exchange data or files over the Internet
- Secure file repository shared by desktop users
- Desktop users submit / receive documents to / from Data Centre
- Desktop users submit / receive documents to / from back-office Processing Centre
- Desktop users exchange confidential documents over the Internet
- Application programs submit / receive data to / from Data Centre

SLIFT-Ez, the Peer-to-Peer Solution

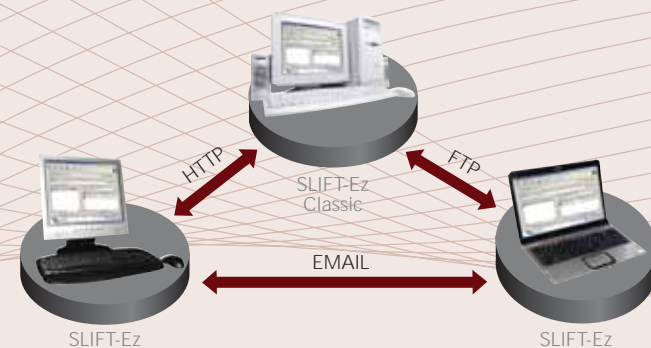
Encrypting files containing personal or business information provides safeguard against both local and remote threats. SLIFT-Ez gives you peace of mind as you are assured that your critical data is protected, even if your computer is stolen, and when it is intruded by hackers or viruses.

Over the Internet and shared networks, files in transit are subject to eavesdropping and unauthorized access. Securing the network links between your computer and the remote mail or FTP servers may not be adequate, as files temporarily stored in these servers may be accessed by malicious parties. SLIFT-Ez gives your critical data end-to-end protection, from the sender through to the intended recipient(s). Its two-factor authentication gives you extra assurance.

The interactive graphical user interface of SLIFT-Ez is very user-friendly. SLIFT-Ez offers seamless integration with MS Outlook*. Files encryption and decryption can be accomplished with a few mouse clicks.

* Outlook is a product of Microsoft Corp. (www.microsoft.com)

End-to-end Security



- Easy to use
- Protect private information on hard disks and files in transit (email, FTP, HTTP)
- Multi-factor authentication – token key, password and even biometrics
- End-to-end protection
- Support multiple signers and multiple recipients
- Seamless integration with MS Outlook*

SLIFT-Pro Server and iClient

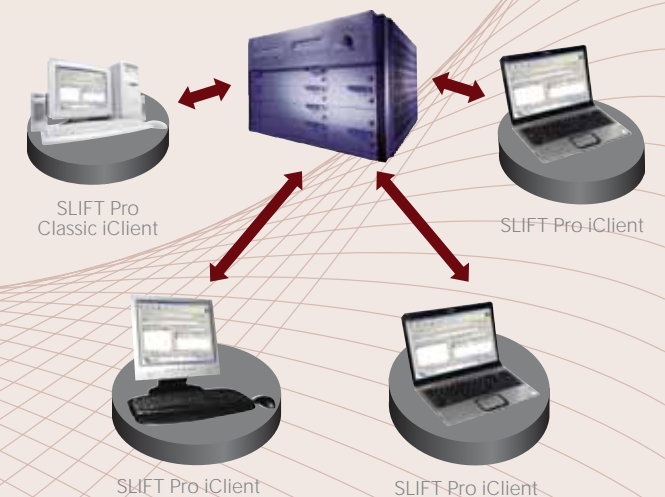
SLIFT-Pro is a cost-effective solution designed for companies and organizations requiring secure exchange of files among their staff members, vendors and customers.

SLIFT-Pro is a client-server secure file exchange solution comprising the SLIFT-Pro Server and iClient. SLIFT-Pro Server functions as a secure repository for all encrypted files. All files remain encrypted in the server and they can only be downloaded and viewed by the intended recipients. End-to-end security is therefore strictly enforced. Feature-rich server administration facilitates user registration, user and session termination, IP address blocking, SSL configuration and file management.

SLIFT-Pro iClient allows senders to sign documents with their digital signatures, and to encrypt the documents for single or multiple designated recipients before sending them to the SLIFT-Pro Server. On the recipients end, SLIFT-Pro iClient can be activated to establish connections with the SLIFT-Pro Server. Upon successful authentication, each recipient can view a list of the encrypted files stored in his private directory, he may download or delete any of the listed files. SLIFT-Pro iClient further verifies the digital signature of the downloaded files with the senders' public key or digital certificate.

SLIFT-Pro allows multiple users to exchange and distribute files in a highly secure yet flexible environment over public and shared networks. High levels of data confidentiality, integrity and non repudiation are assured.

SLIFT Pro Server



End-to-end Security

- Easy to use
- For exchanging larger files among a bigger group of users
- Secure file repository with SSL channel encryption
- End-to-end security
- Support multiple signers and multiple recipients
- Certificate and key based authentication system (PKCS#7, X.509)
- Feature-rich server administration

The Classic Versions for Application Developers

SLIFT-Ez Classic and SLIFT-Pro Classic Client come with command-line interface for easy integration with third-party application programs, and they provide the same functionalities as SLIFT-Ez and SLIFT-Pro iClient respectively.

Key Management

SLIFT protects files through strong encryption and digital signatures, as per PKCS#7 standard. Digital certificates and private keys are used to achieve authentication and non-repudiation. Both SLIFT-Ez and SLIFT-Pro support keys stored in PKCS#11 compliant cryptographic tokens. Alternatively, keys may be generated from PrivyLink's key utility application, KeyPeer.

Security Standards Compliance

SLIFT complies with various international standards including:

- PKCS#1, #5, #7, #8, #11, #12
- RSA 2048 bit encryption and digital signature
- US NIST FIPS-46-3 3DES / DES cryptographic algorithm
- US NIST FIPS-180-1 secure hash function

System Requirements

The SLIFT-Pro Server, SLIFT-Pro Classic Client and SLIFT-Ez Classic require JRE 1.4.2 or above, and they support MS Windows, Solaris and other popular operating systems.

SLIFT-Pro iClient and SLIFT-Ez operate in the MS Windows environment.