Key Info

Move large files securely and confidentially

- Users can securely send files that are too large to send by email.

- Files are signed and encrypted using PKI certificates.

- Files are removed from the system once retrieved by the recipient.

- SHIFT complies with the security requirements of the NZISM.

- SHIFT can be used as a module of SmartGate/SEEMail or as a standalone solution.

- SHIFT can be used within an organisation or between an organisation and individual public users.

Liverton Security is a New Zealand-owned cyber security provider, based in Wellington. Our core products are MailAdviser, LiveDNS, SmartGate, SEEMail and SHIFT.

Our passion is helping people stay cyber safe. We achieve this through a range of products and services developed by us and provided to government and private organisations.

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SHIFT
Secure File Transfer

Overview

Sending files used to be easy, just attach them to an email. Unfortunately, files are now getting so big that sending them via email is not possible. Anything over 20MBs is likely to be rejected by your email system.

SHIFT is here to resolve this issue. SHIFT has all the benefits of sending files as attachments without the size limitation. They can be sent from within MS-Outlook (or a browser) straight to the recipient's inbox*. The sender and recipient get notified when files arrive and are ready to retrieve.

*Requires the MailAdviser MS-Outlook Add-in

Security

SHIFT ensures files are protected from the point they are sent until they arrive at the recipient. Files are signed and encrypted using PKI certificates, are protected in transit and are verified that they came from the legitimate recipient. SHIFT complies with the requirements of the New Zealand Information Security Manual (NZISM). The SHIFT servers are hosted in IaaS certified data centres.

Users

There are two types of users; Organisation Users and Public Users. An Organisation user is anyone within an organisation with a SHIFT gateway. These users can send and receive files to any other SHIFT user in any SHIFT organisation. Public Users are individuals who have registered on a SHIFT Public server. Organisation Users need to invite Public Users to SHIFT, then they can send and receive files.

User authentication is either via a local account, with mandatory 2FA, or via an organisation's Active Directory.

Security Classification

SHIFT files can be assigned a security classification. If classified, then files can be sent only to a corresponding organisation or individual that has a matching (or higher) classification.

The default New Zealand classifications are Unclassified (default), Trusted, In-Confidence, Sensitive, Restricted or SEEMail. SEEMail is the New Zealand All-of-Government secure email system for email communications between participating New Zealand public sector agencies.

Notifications

The sender is advised when a file has been successfully delivered to the recipient's SHIFT server and when a file has been retrieved by the recipient. The recipient receives an email advising them when a SHIFT file is available to be retrieved.

Send Options

SHIFT files can be sent using a number of send conditions. This includes:

• File-level Password Protection

• Delay Sending

• File Retention Period

• One-Time Retrieval

Files can be sent to many recipients at one time and are deleted once retrieved by the recipients.

SEEMail/SmartGate

SHIFT is an add-on module to the Liverton Security SEEMail and SmartGate server. If you already have our SEEMail gateway, then SHIFT is ready to be used.