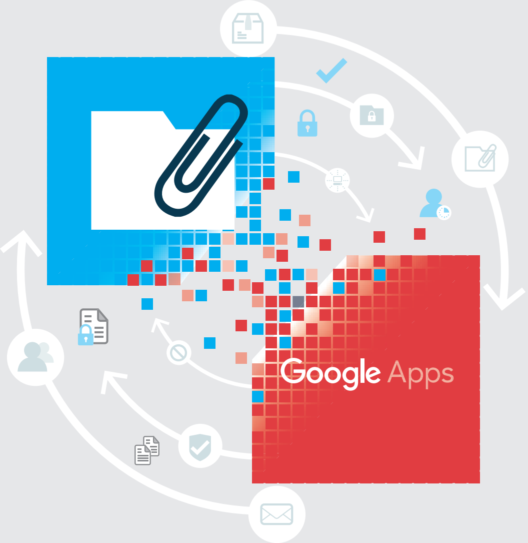
Secure Digital Exchange
Powered by egress

Secure Digital Exchange and Google Apps



Google Apps offers significant benefits and cost savings to all organisations, however one of the biggest barriers to adoption is the concern around security of data stored and released from the Google Apps environment.

Egress Software Technologies (providers of the technology platform powering Secure Digital Exchange) has been working with Google Apps to address many of these wider concerns and have deployed Egress Switch© within the Google Apps environment in order to provide a highly integrated and scalable security solution.

The benefits

- Secure your information in a Google Apps environment
- Data is encrypted at rest as well as in transit when used in conjunction with Secure Digital Exchange client apps
- Flexible deployment supports hybrid and fully hosted implementations
- Encryption at the desktop secures inbox data and sent items when used in conjunction with Secure Digital Exchange client apps
- Seamless integration into Google Apps web client
- Control and audit of all information leaving your organisation
- Revoke access to information, even after it has left the Google Apps environment
- Support a fully mobile workforce using secure mobile apps
- Remain compliant with industry and government regulations regarding secure data exchange

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Seamless integration

The Secure Email and Secure Managed File Transfer services can be seamlessly integrated into any Google Apps environment. There are a number of ways that this can be achieved.

For Google Apps environments that utilise a Microsoft Outlook desktop client, Secure Digital Exchange – powered by Egress© can be deployed directly into Outlook via a fully customisable add-in. The add-in can provide policy-based encryption for both internal and external recipients.

For organisations that are looking to simplify end-user experience using Outlook Web Access, Secure Digital Exchange can provide customisation and policy-driven encryption via the Switch App for Google Chrome.

Flexible deployment

Secure Digital Exchange offers flexible deployment options that provide organisations with the confidence and security that they need in order to adopt a fully hosted Google Apps environment.

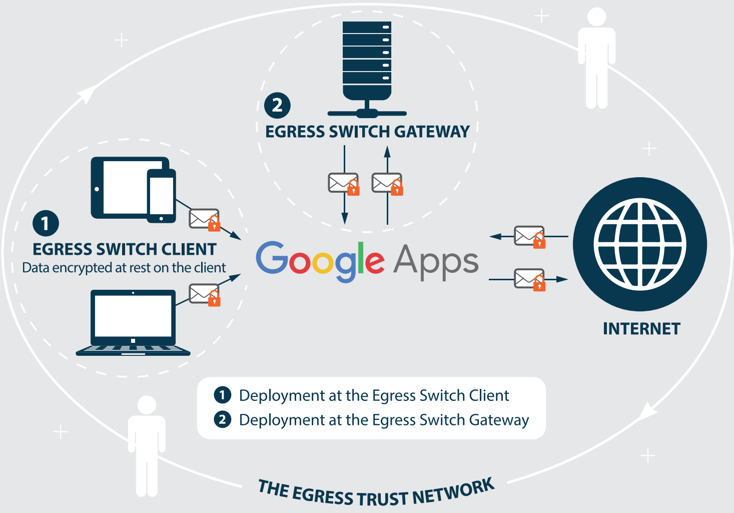
By performing encryption at the device level, sent items and inbox content can be stored in encrypted format and therefore secured at all times, regardless of where the underlying data is stored. Policies can be applied so that sensitive content can be transparently decrypted for authorised viewing and always re-encrypted at rest.

The unique Secure Digital Exchange encryption key management ensures that data and keys are kept separate at all times, providing users with high levels of assurance around who is able to access their data.

Flexible deployment at the gateway

The Secure Digital Exchange client can also operate in a hybrid mode, with the Outlook Add-in or Chrome extension configured to tag messages for encryption. Messages tagged for encryption either by policy or user selection can be automatically encrypted by Secure Digital Exchange Gateway at the boundary before exit from the Google Apps environment.

The Secure Digital Exchange Gateway provides seamless encryption and decryption on the SMTP protocol. Utilising the comprehensive rules engine in Google Apps, email encryption and decryption can be tightly integrated into the Google Apps platform. The gateway can be either self-hosted or hosted via Toll, with the option to store email in encrypted or decrypted format based on classification or sensitivity.



2 EGRESS SWITCH GATEWAY
1 EGRESS SWITCH CLIENT
Data encrypted at rest on the client
Google Apps
INTERNET
1 Deployment at the Egress Switch Client
2 Deployment at the Egress Switch Gateway
THE EGRESS TRUST NETWORK

Authenticated access control

Secure Digital Exchange provides the capability to set-up additional authentication protocols for accessing secure content or tying into existing authentication, such as Active Directory via Active Directory Federation Services (ADFS). It also supports Secure Assertion Mark-up Language (SAML) 2.0 protocol, which enables easy integration with third party identity and cloud SSO providers.

Features and technical specification

- Provides transparent encryption of email in transit and at rest utilising AES 256 bit encryption
- MS Outlook Add-in for Outlook 2003/2007/2010/2013 provides local and gateway based encryption
- Google Apps Chrome Extension available for integrated browser experience
- Encrypt sensitive content at rest within Google Apps cloud and local client cache
- Mobile apps for Google Android, Apple IOS and MS windows Phone for seamless email encryption
- Integrates seamlessly with Google Apps data loss prevention and content filter policies
- Integrates seamlessly with Google Apps and provides infinitely scalable cloud architecture
- Integrates with Google Apps hybrid mode
- Provides email and document classification
- Real-time access control and auditing of all encrypted content

About Secure Digital Exchange

Toll is already renowned as a world-class integrated logistics provider and is pleased to be enhancing its offerings in the digital space with its Secure Digital Exchange for email, documents, web forms, digital workspaces and mailrooms – for both internal and external communications in a completely secure environment.

Our new product suite is powered by Egress©, the world leader in encryption platforms, which today enables over 1,000 global organisations and is certified by the UK Government and NATO.

Taking a holistic approach to information security, the solution enables users to securely share and collaborate on sensitive data. Using patented key management, the platform utilises a unique community-based licensing model that consists of paying subscribers and designated recipients, who are able to share information securely with one another using a single global identity.

Toll is delighted to present Secure Digital Exchange – powered by Egress© – to our clients in Australia and New Zealand.

Egress© Certifications

UK Government

NATO IACD