

# Egress Switch Secure Email and File Transfer

While email remains the most convenient and cost-effective way to share information both internally and externally, sending sensitive data in cleartext can pose considerable threats to an organization's security and data protection policies. As the threat levels associated with a breach intensify, organizations and end-users are demanding email encryption services that are easy to use, integrate with existing infrastructure, secure large files and enable recipients to access information securely across multiple devices and applications.



## The benefits

- Encryption you can trust – government and industry certified
- Real-time control over what a recipient can do with shared information
- Share the information you need to, regardless of file size
- Encrypt large files straight from your email client inbox
- Detailed audits and reports so you can track data leaving your organization
- Free for your recipients to use
- Flexible secure access across desktop, email, web and mobile apps
- Take decision-making away from end-users by enforcing centralized data protection policies
- Encrypt information shared internally and externally
- Flexible authentication, including multi-layer and two factor
- Seamless federation via ADFS and SAML2
- Choice of data hosting options – on-premise, hosted or hybrid
- No infrastructure required in hosted implementations
- Enforce centralized data protection policies

## Sophisticated control over shared information

Switch Secure Email and File Transfer keeps the data owner in control of shared information at all times. Users can restrict access to information based on date and time, as well as prevent one or more recipients from opening an email in real-time – even after it has reached their mailbox. To reduce the likelihood of third parties mishandling data, recipients can be prevented from printing or forwarding emails, using copy and paste tools, and downloading documents.

## Email encryption made easy

Switch Secure Email and File Transfer offers choice over how your users access and send encrypted content. Seamless integration with email clients, including MS Outlook and Lotus Notes, Google Apps and Office 365, provides sophisticated encryption at the click of a button. Alternatively, all Switch Secure Email and File Transfer functionality is offered via online Web Access, without the need to download any software. Apps for iOS, Android and Blackberry also enable users to access Switch while on the move.

## Secure large file transfer made easy

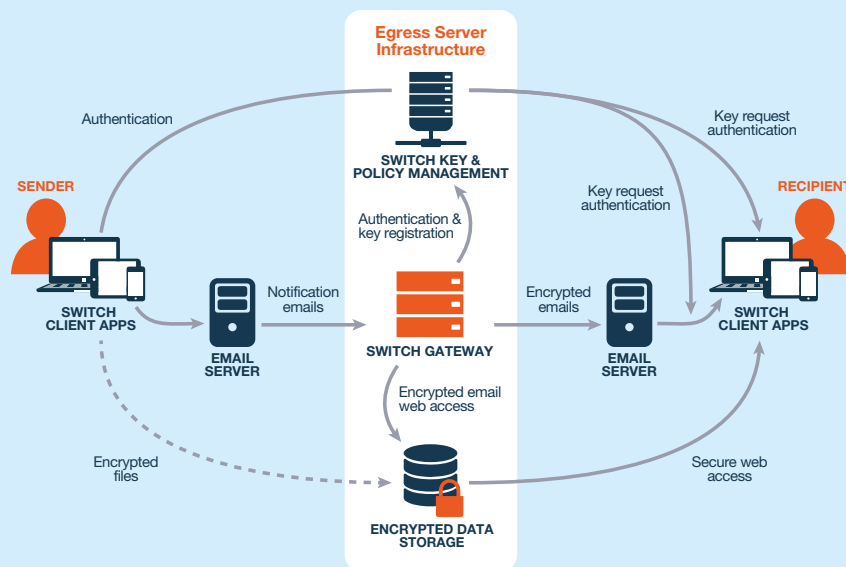
To simplify the sharing of files, Switch Secure Email and File Transfer enables users to encrypt and send files seamlessly from MS Outlook, regardless of size. Using the Switch Large File Transfer sidebar, users can drag and drop files from anywhere on their PC / Mac or browse to files from a specific folder.

## Choice over deployment and hosting

Flexible hosting options help organizations to manage regulation and compliance rules in conjunction with existing IT infrastructure and cost overheads. To support this, Switch Secure Email and File Transfer can be deployed on-premise, fully hosted in the cloud or via a hybrid method in cases where an organization has a mixed environment, for example on-premise MS Exchange and Office 365.

## Policy control that meets your needs

Using the Switch Gateway component of Egress Switch Server Infrastructure, organizations can enforce decisions over how emails are sent, the security policies required, and how data can be accessed and audited. Bespoke security labels can be tailored to individual requirements, making it easy to classify data and enforce encryption based on key words and phrases, recipient email address and location, file size, or device used to create the email. In addition, integration with Egress Switch Email and Document Classification ensures all sensitive documents are awarded the appropriate levels of data protection when shared via email.



## Sophisticated authentication and federation

Switch Secure Email and File Transfer provides sophisticated single sign-on integration to support end-user adoption through seamless access to the service, no matter where it is deployed or the device being used. The Switch Client applications for desktop and mobile support single sign-on via Microsoft Active Directory using ADFS (Active Directory Federation Services). Switch Secure Email and File Transfer also supports the SAML v2 (Secure Assertion Mark-up Language) protocol, offering simple integration into cloud and third party single sign-on providers for unified identity management.

As part of a unique licensing model, users are provided with a single global identity (Switch ID) for integrated access across the Egress Switch encryption services platform. As a result, large corporations, government bodies and single users are able to apply end-to-end encryption to shared information.

## Security overview

- Secures data at rest and in transit using AES-256 bit encryption
- Utilizes FIPS 140-2 certified libraries
- Secure authentication and user enrolment
- CESG CPA Foundation Grade email encryption product
- CESG Pan Government Accreditation
- ISO 27001:2013 accredited
- Skyhigh Cloud Trust™ rating of Enterprise-Ready
- Uses data centers accredited to ISO 27001/9001
- Listed under Cyber Security Supplier to Government Scheme
- Patent protected (GB 0806429.7 | US12/353,390 | GB 0907665.4)

## About Egress Software Technologies Inc

Egress Software Technologies is the leading provider of information security services designed to secure shared data from start to finish and delivered to customers in the Public and Private Sectors using a single platform: Egress Switch.

Taking a holistic approach to information security, the Switch platform is made up of highly integrated and flexible service lines that enable users to securely share and collaborate on sensitive data. These award-winning services include email and document classification, the only email and file encryption product to be CPA certified by CESG, secure managed file transfer, and secure online collaboration.

Using patented key management, the platform utilizes a unique community-based licensing model that consists of paying and free Switch subscribers, who are able share information securely with one another using a single global identity.

