

Egress Switch Secure Email

While email remains the most convenient and cost-effective way to share information and documents both internally and externally, sending sensitive data in cleartext can pose considerable threats to an organisation's security and data protection policies. As the threat levels associated with a breach intensify, organisations and end-users are demanding email encryption services that are easy to use, integrate with existing infrastructure, 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
- Detailed audits and reports so you can track data leaving your organisation
- 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 centralised data protection policies
- Encrypt information shared internally and externally
- Flexible authentication, including multi-layer and two factor
- Seamless authentication and federation via ADFS and SAML2
- Choice of data hosting options – on-premise, hosted or hybrid
- No infrastructure required in hosted implementations

Sophisticated control over shared information

Switch Secure Email 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. Multi-factor authentication can also be used to provide further assurance that only intended recipients can access secure information.

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. A watermark can also be applied to any information that needs printing to identify the recipient should they lose the hard copies.

Email encryption made easy

Switch Secure Email 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 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 Secure Email while on the move.

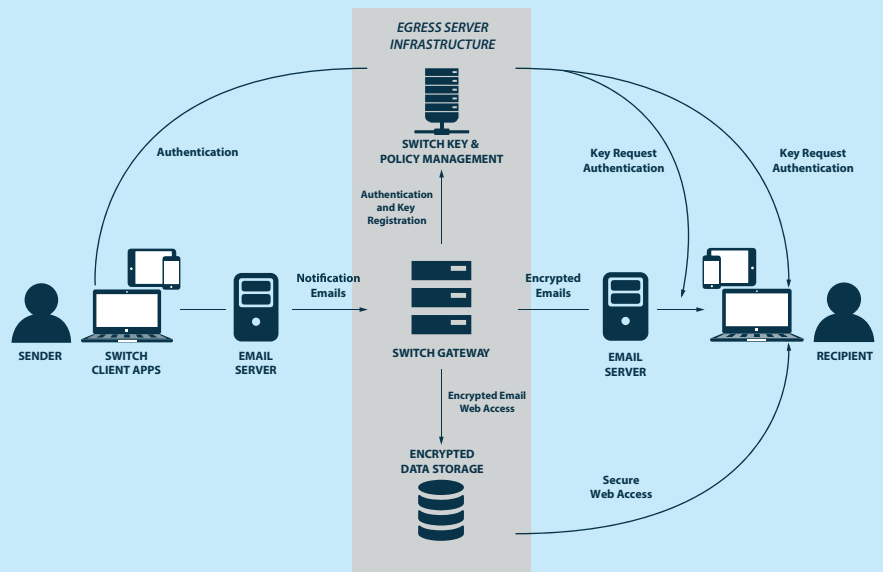
Choice over deployment and hosting

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

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Policy control that meets your needs

Using the Switch Gateway component of Egress Switch Server Infrastructure, organisations 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 Document Classifier ensures all sensitive documents are awarded the appropriate levels of data protection when shared via email.



Sophisticated authentication and federation

Switch Secure Email 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 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 provide end-to-end encryption throughout the lifecycle of shared information.

Security overview

- Secures data at rest and in transit using AES-256 bit encryption
- Utilises 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
- Cyber Essentials Plus certified
- Skyhigh Cloud Trust™ rating of Enterprise-Ready
- Uses data centres 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

Egress Software Technologies is the leading provider of hosted and on-premise encryption services, designed to secure all forms of electronic information and delivered to customers in the Public and Private Sectors using a single platform: Egress Switch.

As the first and currently only email encryption product and service to achieve both CESG Commercial Product Assurance (CPA) certification and Pan Government Accreditation (PGA), Switch Secure Email enables customers to share highly sensitive information over the internet, without the need to manage external third party credentials. The award-winning Switch portfolio of products also includes Secure File Transfer, Secure Web Form and the latest online collaboration offering, Secure Workspace.

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



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