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## Egress Switch Use Case Scenarios

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## Document Details

This document has been produced in accordance with the standards used by Egress Software Technologies Ltd.

Prepared by Egress Software Technologies Ltd

## Use Case Scenarios

Below is a selection of business situations that describe a variety of different ways organisations need to share information. These examples have been taken from customers that require the ability to protect and control information they share internally or externally.

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## Use Case 1 – Exchanging Data Using Optical Media (CD/DVD/Blu-Ray)

### Business Situation:

A Local Authority frequently shares large amounts of sensitive information with a variety of organisations. Due to the sheer volume of information, often data can only be burnt to optical media such as CDs or DVDs and sent in the post.



### Key Concern:

Due to the sensitive nature of information, coupled with the volume of data contained on the optical media, there are concerns about the data being lost in transit.

### Solution:

Egress Switch allows organisations to securely and seamlessly encrypt optical media without the need for additional software. When using Switch, if the information is suspected lost or stolen, access can be revoked in real-time wherever the data resides.

### Additional Enterprise Features include:

- Transparent Email Encryption
- Real-time Audit Events
- Real-time Revocation

## Use Case 2 – Sharing Information Across and Outside Government Networks

### Business Situation:

An NHS Primary Care Trust needs to email patient information to local schools, local Councils, GPs, and the local Police Force surrounding a case involving child protection.



### Key Concern:

Due to the number of cross sector organisations that require the information there is no single method of communication that will guarantee the safe delivery of the information to authorised recipients.

Additionally, while NHS and Criminal Justice mail systems do exist to enable internal sharing of confidential data, these do not enable organisations outside of Government to share information securely.

### Solution:

Egress Switch allows organisations to share information with ease – while offering real-time auditing and instant control. Integrating seamlessly with MS Outlook, users don't need to learn new processes. Once a message containing sensitive data is created and sent, the information is automatically encrypted. The only difference this time is that you remain in complete control – even if the email is forwarded to someone else!

### Additional Enterprise Features include:

- Customisable FTP/HTTP file Upload Support
- Single Click CD/DVD encryption
- Role Based Administration

## Use Case 3 – Uploading large files using FTP(s)

### Business Situation:

The R&D department in a large manufacturing firm has uploaded their latest design specifications to the wrong supplier in China. As the design documents were large in size (100MB) a secure file transfer mechanism (FTPS) was used to upload the data.



### Key Concern:

Even though the approved file transfer mechanism (FTPS) was used to transfer the files this only secures the information in transit and does not secure the information once downloaded.

Additionally, other than FTP Server logs that display generic username and passwords, there is no way of determining who has downloaded the information.

### Solution:

Egress Switch enables organisation to share information while remaining in complete control at all times. Using patented technology that enables protection to follow the data; organisations can guarantee that information will not fall into the wrong hands.

### Additional Enterprise Features include:

- Customisable FTP/HTTP File Upload Support
- Single Click CD/DVD encryption
- Role Based Administration

## Use Case 4 – Placing Time Based Restrictions on Sensitive Data

### Business Situation:

An Investment Bank frequently distributes financial results to their partners and board members before making an announcement to market shareholders.



### Key Concern:

Due to the sensitivity of the information there are concerns that the results will be revealed too early.

### Solution:

Egress Switch enables organisations to distribute market sensitive information ahead of time – without increasing your risk of data loss. Using Switch, users can easily apply time and date restrictions which follow the data wherever it goes, ensuring that information remains within your control – at all times!

### Additional Enterprise Features include:

- Real-time Revocation
- Geographic IP Based Tracking
- Real-time Access Control

## Use Case 5 – Storing Sensitive Information on a Network Location

### Business Situation:

An HR department of a large Insurance company stores highly confidential information about its employees on the corporate network. This information includes personal information such as personal health, salary, personal address, and personal Banking information.



### Key Concern:

Due to the sensitive nature of the data, the HR Department is concerned that individuals with domain administrator rights will be able to circumnavigate any NTFS privileges applied to the Folder on the network.

### Solution:

Egress Switch allows organisations to share and store information with confidence – safe in the knowledge that only intended recipients will ever access the data. Identity based encryption coupled with real-auditing and access control enables users to guarantee that information remain secure wherever it resides – however it gets there!

### Additional Enterprise Features include:

- Customisable FTP/HTTP File Upload
- Single-Click CD/DVD Encryption
- Transparent Email Encryption