Egress Switch User Network meeting
York

Neil Larkins and Caroline Howard
Egress Software Technologies
9th October 2014
Today’s agenda

• 09:00  Registration and refreshments

• 09:30  Welcome
  Caroline Howard, Egress Software Technologies

• 09:40  Egress Switch update
  Caroline Howard, Egress Software Technologies

• 10:00  An integrated solution to simplify secure data sharing
  Adrian Taylor and Roy Finch, North Yorkshire County Council

• 10:15  Refreshment break

• 10:30  Egress Switch technical update and roadmap
  Neil Larkins, Egress Software Technologies

• 11:30  Q&A
  The Egress Team

• 12:00  Close and lunch
Welcome to the first Egress Switch User Network meeting in York – your chance to:

- Hear about the latest Egress product developments
- Input on the product roadmap
- Have specific questions answered
- Network with peers to ask how they are using Egress Switch
Egress Switch update

Caroline Howard
Egress Software Technologies
Agenda

- Egress Switch - update
- Key USPs
- Support for your third parties
- Commercial offers
The platform:

• Designed to share all forms of electronic information
• Building on core centralised services
• Delivered through four pillars of functionality
• A single community-based licensing model
Switch Secure Email

- Used by 95% of UK local authorities
- The only UK CPA Foundation Grade certified email encryption product
Switch Secure Email

- Real-time revocation
- Full audit trail
- Multi-layered authentication
- Deployment at the desktop or Gateway
- Integration with MS Outlook
- Automation
- Cloud or on-premise data hosting
- FREE FOR RECIPIENTS TO USE
Switch Secure File Transfer

- A simple way to share files – large and small
- Transfer unlimited files
- No need to use FTP Servers
- Full integration into Microsoft Outlook
- Streamlining file sharing in line with business processes
Switch Secure File Transfer

- Real-time revocation
- Full audit trail
- Multi-layered authentication
- Deployment at the Desktop or Gateway
- Automation
- Cloud or on-premise data hosting
- FREE FOR RECIPIENTS TO USE
Switch Secure Web Form

- A simple mechanism for third parties to share sensitive data
- Customisable secure web forms integrated into existing workflows
- Share files of any format and size
- Switch encryption services as standard
- Ability to apply security permissions ensuring only authorised recipients can access and complete the form
Switch Secure Web Form

- Full audit trail
- Multi-layered authentication
- Automation
- Third party or self-hosted options
- Easy to manage and control
- FREE FOR RECIPIENTS TO USE
Switch Secure Workspace

- Next generation secure online collaboration
- A secure alternative to Dropbox, Huddle, Box, etc...
- Using government certified key management to protect data at all times
Switch Secure Workspace

- Full audit, tracking and reporting
- Check-in and check-out functionality
- Easy to use
- Integration with DMS and CMS systems
- Cloud or on-premise data hosting
- Multi-layered authentication
- Automation of data
- FREE FOR RECIPIENTS TO USE
A unique community-based licensing model where free and paying subscribers can share encrypted information with one another unlimited times, using a single global identity.
USPs

• The first encryption solution to achieve both CESG PGA and CPA certification to OFFICIAL and OFFICIAL-SENSITIVE
• One of the first organisations to achieve ISO 27001 certification against the 2013 standard
• Selected as one of only 30 suppliers under the Cyber Security to Government Scheme
• Winner of the BCS UK IT Industry award in 2011 and 2013 and shortlisted for the 2014 award in November
• Supplier under the G-Cloud 5 and NATO catalogue
Communication for your third parties?

- Communication packs including:
  - Did you know posters
  - Web content
  - Egress Switch user guides
  - Email templates (internal and external)
What support is available to free subscribers?

- The Egress support centre is available to all Switch users [http://www.egress.com/create-support-ticket/](http://www.egress.com/create-support-ticket/)
- Online tutorial videos [http://www.egress.com/online-tutorials/](http://www.egress.com/online-tutorials/)
- Other data sheets, case studies and technical documentation [http://www.egress.com/resources-and-downloads/](http://www.egress.com/resources-and-downloads/)
- Ability to access, reply and initiate communication with all customers on the Switch network
An integrated solution to simplify secure data sharing

Adrian Taylor and Roy Finch
North Yorkshire County Council
Project background

- Previous system required:
  - Multiple custom rules
  - High user support overhead

- Users need to encrypt email as required, unconstrained by rules
Requirements

- Ease of use for both senders and recipient
- Low support overhead
- Easy license management
- Improve security:
  - Certified to OFFICIAL and OFFICIAL-SENSITIVE (IL3)
Egress Switch provides

- Single-click encryption through local client
- Free for recipients
- Recipients supported directly by Egress
- Easy license management using web console and activity audit log
Egress Switch secure email architecture at NYCC utilising an on-premise gateway.

NYCC internal network

NYCC internal sender using Outlook

NYCC Egress on-premise gateway mail / web servers

Email goes through Exchange

NYCC DMZ network

Message routing servers

Internet network

Egress hosted web services notify and authenticate recipient

External recipient using Egress web client

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Agenda

• Egress Switch new functionality review
• Egress Switch v4.2 release
• New products and services
• Open forum / Q&A
Egress Switch new functionality review

- Multi-layer authentication
  *Provide additional levels of assurance over the identity of third party recipients*
- Active Directory integration and Auto User Enrolment
  *ADFS cloud services and Switch Gateway Automatic User Enrolment*
- Secure access
  *Rights management capabilities available to control third party access to sensitive information*
Switch Secure File Transfer

• The large file transfer capability receives a new User Interface, and enhanced configuration and integration points

• Core Switch application has redesigned User Interface and icons
Email and document classification

- Classify email message body and attachments at the point of send and release

Classification: Official

Hi John

As requested, please find attached the information on client transactions

Kind Regards

Neil

This message was classified by Neil Larkins (neil.larkins2@egressit.com) at Mon, 23 Jun 2014 15:35:59 GMT
Mobile apps

- Significant updates to all mobile apps
- Release of Windows Phone 8.1 app
- Integration with Switch Secure Workspace
CESG states:

• We need to think about the real risks to our information and give it the right levels of protection at all points we’re responsible for it.
• We treat this information as OFFICIAL / OFFICIAL-SENSITIVE when we are responsible for it, and when we need to share it with environment X, we will use the most appropriate technology to ensure safe delivery to that space whilst maintaining our network’s protection.
Delivering confidence through technology...

- Products certified under the Commercial Product Assurance (CPA) scheme
- Service accredited under Pan Government Accreditation (PGA)
What was tested?

- Egress Switch Client for MS Windows, including the MS Outlook Add-in (Desktop Email Encryption)
- Egress Switch Gateway for MS Windows Server (Gateway Email Encryption)
- Egress Server Infrastructure for MS Windows (Key Management and Policy Server)
- Desktop to Desktop Encryption / Decryption
- Desktop to Gateway Encryption / Decryption
- Gateway to Gateway Encryption / Decryption
What did CPA give us?

- A number of security related changes were made on the back of feedback from CESG
- Development procedures and methodology were all reviewed
- A complete review of documentation and implementation procedures
Switch Secure Web Form

- Custom secure web forms integrated into workflow and systems with data encryption
- Hosted or self-hosted options
- Custom branding with tight integration into existing websites and portals
What functionality / features would you like to see?

Open Forum

Q&A
Thank you for your time

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