

# Email Transfer Application

## Working to become a dependable partner of choice

BAE Systems Insyte's information security products enable classified information sharing, while enforcing network segregation. Highly evaluated, these products provide unrivalled data security and are available off-the-shelf or as part of a total system solution.

The Interactive Link Data Diode (IL-DD) and Data Pump Applications (DPAs) enable organisation to share information over networks operating at different classifications. Data transfer into a higher classification is achieved while data flow in the opposite direction is prevented, ensuring data confidentiality.

### Data diode

The Data Diode is a 100Mbps fibre optic hardware device is connected between two servers attached to their respective security domains. DPAs, installed on the servers, provide a unidirectional mechanism for transmitting different data types through the Data Diode. These basic DPAs, provided by BAE Systems, can be integrated to meet an organisation's specific data transfer requirements.

### Email transfer application

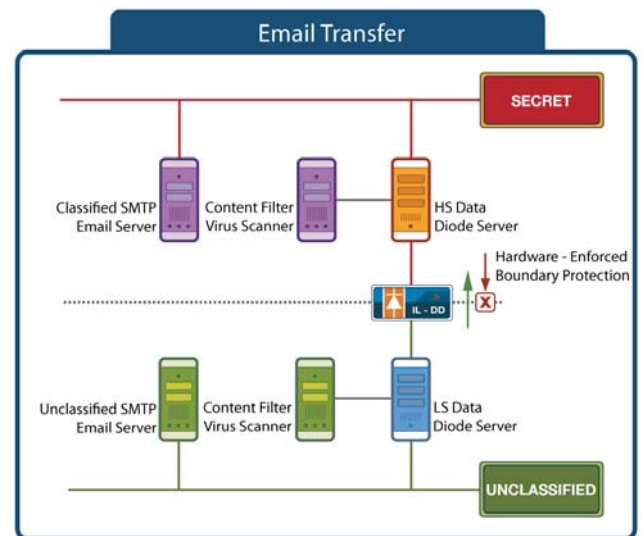
Email Transfer Application (ETA) is a DPA used for the automated transfer of email from lower to higher classifications. It interfaces with SMTP mail servers, such as Microsoft Exchange, allowing users on the higher classification to receive email from those on the lower classification. For example, users within a classified environment can receive classified and unclassified email within the same inbox, removing the need to monitor both security domains. The ETA also interfaces with third party content filters/virus scanners to ensure email attachments do not contain malicious content.

### Features

- Interface with SMTP email servers either side of the Data Diode
- Interface with third party MIME compliant virus scanners/content filters
- Extensive audit and trace logging
- Configuration client for intuitive local and remote administration
- Tunable parameters optimise the system for the specific environment.

### Security certification

The first and only product in the world awarded the highest security certification, EAL 7+, under the NIAP Common Criteria scheme.



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## TECHNICAL SPECIFICATIONS

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### SERVER REQUIREMENTS

Technical requirements for servers running the ETA software and connected to the Data Diode.

#### Operating system

These server operating systems are tested and supported by the BAE Systems' software solutions and servers:

- Microsoft® Windows 2003/2008 Server
- Red Hat® Enterprise Linux 4 & 5.

#### System requirements

The Interactive Link server components minimum requirements are:

- Pentium® 4 or equivalent CPU (for Windows or Linux)
- 512 MB memory
- 1 GB of free hard disk space.

Higher server specifications increase the system's ability to perform at greater throughput rates.

#### Content filters

These content filters are tested and compatible with the Interactive Link products:

- Clearswift MIME sweeper v5.2
- Cybersoft VST K-T v171
- Surfcontrol v4.7 and v5.0
- Trend Micro IS v5.5
- NetIQ MailMarshal v6.0.

The ETA software requires the Data Diode.

The Interactive Link product suite is originated from Defence Science and Technology Organisation (DSTO) technology.

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## FOR MORE INFORMATION CONTACT:

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