

Email Transfer Application

Unrivalled Security

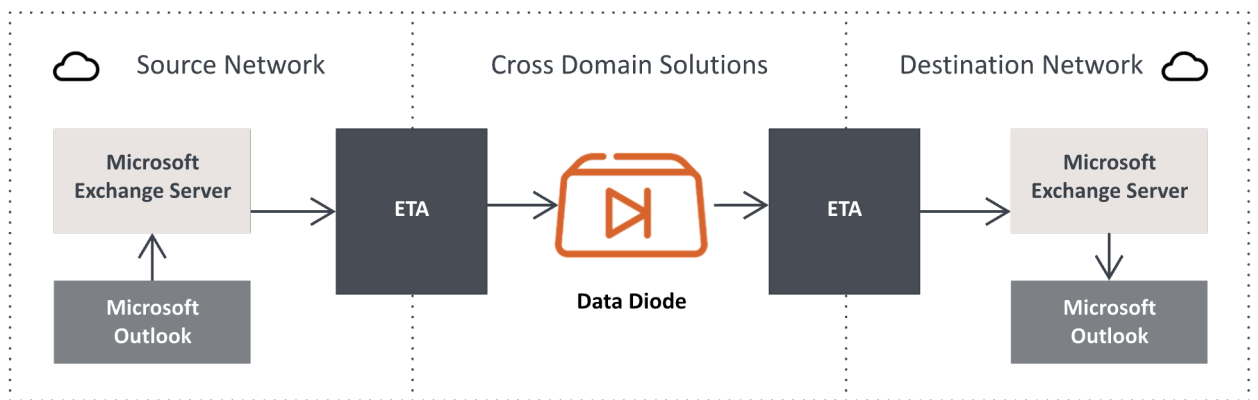
What is an Email Transfer Application?

The Email Transfer Application (ETA) enables one-way transfer of SMTP-compliant email across a BAE Systems Data Diode device. It is connected to mail servers, such as Microsoft Exchange Server, to provide the automatic transfer of emails from the source network to the destination network.

How does it work?

A user on the source domain sends an email, addressed to a user on the destination domain. The email travels from the user's email client to the mail server on the source domain, which then forwards the email to the ETA. The ETA on the source domain transmits the email across the BAE Systems Data Diode using a proprietary protocol.

On the destination domain, the ETA reassembles the email and dispatches it to the receiving mail server. Finally, the mail server on the destination domain sends the email through to the intended recipient.



Key features:

- Allows the unidirectional transfer of email across a BAE Systems Data Diode device.
- Provides the capability to send email to a destination mail server without disclosing its network information to the source host.

Technical Specifications

Supported Protocols	SMTP (RFC 821 / STD0010)
Configuration	Console-based Configuration Client Web Configuration Client (Optional)
Auditing & Monitoring	Log files Syslog SNMP traps (v1 & v3) Web Configuration Client (Optional)
Minimum Hardware	8-Core 2.9GHz 32GB RAM Fibre NIC (for connection to Data Diode)
Red Hat Enterprise Linux 7 and 8	Red Hat Enterprise Linux 7 and 8

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