

Application level security gateways providing real network separation.

Two 19" (1U) appliances solution and complete TCP/IP protocol stack break.

Bidirectional flow scenarios: Independent data flows (services).

Ease of deployment and use: Seamless integration with already deployed systems.

Certified and approved by National Authority for handling classified information.

COTS GENERAL PURPOSE PRODUCTS

- PSTmail** E-mail exchange between two security domains.
Services: Incoming mail / Outgoing authorised mail.
Standard use case: Sending and receiving email from an isolated network.
- PSTfile** Automatically transfers files between servers on different security domains.
Services: Inbound file / Outbound authorised file.
Standard use case: Transfer files to an isolated network (e.g. software updates).
- PSTudp** UDP payload transfers.
Services: Inbound UDP.
Standard use case: Suited for 'real time' applications due to low latency (streaming).



SPECIFIC CROSS-DOMAIN SOLUTIONS

- PSTmip** MIP4 Command & Control Systems (NÉMESIS).
Services: Based on Web Services.
Tactical data exchange with labelling verification and digital signatures (STANAG 4774/8).
- PSTcsd** JISR Information Exchange (MAJIC).
Services: Based on Web Services and UDP streaming.
Complete synchronisation of data between two CSD SIERRA @ (AEDP-17, AEDP-18 and AEDP-19)
- PSTjreap** Tactical Data Link via JREAP-C.
Services: Low Level protocols based.
Data exchange between two JRE processors.
- PSTatx** ASTERIX Surveillance Information.
Services: Based on UDP.
Controlled exchange of ASTERIX messages.

CUSTOMISATION TO COVER NEW SCENARIOS

The PSTgateways technology allows customisation to solve any cross-domain requirement:

- Customisation of data exchange control via Web Services.
- Development of custom filters for any of data flow service.
- Extension to support new communication protocols.

