One-way transfer devices

Unidirectional data flows with hardware enforced security
BAE Systems’ Cybersecurity Products can be used to exceed the latest Raise-the-Bar (RTB) requirements by enabling hardware enforced domain separation. These one-way transfer devices include diodes and Field Programmable Gate Arrays (FPGA), which ensure unidirectional flow of information and protection of higher trusted networks.

**Data Diode**

A RTB compliant, one-way transfer device enabling secure unidirectional transfer of data between networks by utilizing software predicated on Red Hat Enterprise Linux (RHEL) software.

**Secure Import Gateway (SIG)**

A one-way transfer device enabling controlled import of data into mission-critical core networks. It encodes and inspecting incoming data to ensure malicious content cannot be executed on the destination network.

**Secure Export Gateway (SEG)**

A one-way transfer device enabling the controlled release of authorized data from mission-critical core networks. It verifies that only allowed information leaves the source network.

**XTS® Diode**

A RTB compliant, one-way transfer device enabling secure unidirectional transfer of data between networks by utilizing software predicated on our high-assurance STOP™ operating system. This product also includes software available on RHEL.

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