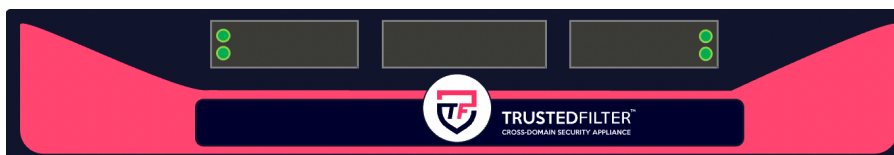




TrustedFilter-Appliance



• Advanced • Customisable • COTS

The TrustedFilter™ appliance is a true 10Gbps EAL4+ unidirectional data guard and information gateway, a full featured cross domain solution. Utilising a 4Secure hardened Linux operating system and TrustedFilter™ content handlers and inspection techniques, TrustedFilter™ appliances provide high throughput, concurrent data channels for multiple data streams with robust business validation rules, enabling the secure import and export of data.

Built using the highest specification COTS Dell server solution, TrustedFilter appliance empowers data verification and secure transfer pipelines several orders of magnitude beyond other cross domain offerings available.

Hardware

- Dual Xeon Gold processors for high throughput, low latency, and rich data inspection capability. 128GB RAM to support dozens of concurrent data verification and sanitisation pipelines.
- RAID0 encrypted storage volumes for high throughput bulk data transfer.
- OWL EAL4+ 10GBPS data diode card set.
- 2U rack-mountable appliance.

Owl V7 High-Capacity Communication Cards

The Owl V7 Communication Card Kits family represent the pinnacle of performance in data diode technology.

These unique Card Kits are the fastest and most versatile data diode solutions available on the market. V7 Card Kits come equipped with an Owl application-specific Transfer Software Application to transfer any variety of data types and sizes and can be configured with up to 32 discrete data transfer channels. Owl V7 Card Kits have been Common Criteria certified at EAL4+.

The high-capacity card kit establishes a new benchmark for full line rate, one-way transfer requirements, geared toward traffic-heavy applications, such as network monitoring. The high-capacity configuration supports up to 10 Gbps.

TrustedFilter™ SECUREimpex Enterprise (Included with TrustedFilter Appliance)

TrustedFilter™ SECUREimpex Enterprise includes the following module(s) to facilitate the movement of data between disparate domains:

- A high-performance file transfer application that runs as a service on external Windows and or Linux flanking operating systems and enables user configurable pre-processing of files.
- A Transport Layer Security application that enables TLS encrypted connections to function within a cross domain environment.
- A verification engine that enables schema based syntactic and semantic verification of data within TCP, UDP and HTTP streams.
- A transformation and verification application that transforms SNMPv2 to enable secure transport and verification against a range of approved schema definition files.
- A transformation and verification application that transforms Syslog to enable secure transport and verification against a range of approved schema definition files.
- A TCP streaming application that enables bespoke TCP application streams to be transformed into a structured format and then verified against a set of defined schema definition files.

TrustedFilter™ Appliance+ Bidirectional Solution

TrustedFilter Appliance+ Bi-Directional model also available, combines the components of 2 x TrustedFilter Appliances with TrustedFilter SECUREcommand software to deliver full bi-directional capability.