

EVERFOX

Everfox High Speed Verifier vs. Traditional Data Diodes

Securing Sensitive Information Across Boundaries.

Front View Example

1U Chassis, 19" rack with 4 independent logic verifiers



↑ LCD touch panel

Back View Example



 Upgrade to the next level of security and performance with Everfox

Traditional Diodes typically offer one-way data flow, meaning data only flows in one direction. The simplicity of the technology makes them cost-effective and easy to implement, but they lack the flexibility to manage more complex needs.

The High Speed Verifier (HSV) offers several key features that enhance its security and performance for more demanding environments. With bi-directionality, built-in threat removal in FPGA hardware logic and superior flexibility.

Key Benefits



Assured network separation



Over-the-wire firmware updates



Bi-directional communications utilizing two independent one-way flows



SDK available to enable support for custom protocols and data types



Supports non-stop operation



Syntactic & Symantec data verification



Provides the strength of an air-gap with the convenience of a network connection



Defends against attacks concealed in data



Built in line with best practices as recommended by various governing bodies and National Cyber Security Centres



Bi-Directional Data and Protocol Breaks

	EVERFOX HSV	JSON/XML GATEWAY WITH DIODES	TRADITIONAL DIODE
Supports bi-directional data while enforcing protocol break and data break			
Supports native application protocols for email, web browsing, streaming and more			
Defends against attacks concealed in data using advanced threat protection			
Verifies data is safe in hardware logic ensuring the verification is not bypassed			
Reliable network separation			