

EVERFOX

SOLUTION OVERVIEW

Tactical Secure Data Transfer

Move time-sensitive operational data to mission enclaves without expanding the attack surface.

This Raise-the-Bar-compliant solution enables secure one-way or two-way data exchange between U.S. Secret-and-above networks and High-Threat Networks, using hardware-enforced validation to protect mission-critical information and maintain trusted communication in contested tactical operations.

DEPLOYMENT SCENARIO

Securely transferring sensitive data across classification boundaries in high-threat environments, maintaining integrity for joint operations and missions at the tactical edge.



CHALLENGES:

- Moving classified information between trusted and high-threat networks without compromise.
- Stopping adversaries from exploiting Cross Domain communication channels.
- Ensuring reliable connectivity in contested and tactical environments.

OVERVIEW:

Delivering one-way data transfer from high-threat networks to classified enclaves in mission critical environments. Designed for tactical and mobile operations, it combines advanced protocol filtering with hardware isolation to block unauthorized access and prevent data leakage. Fully compliant with U.S. defense standards, including RTB this compact solution ensures real-time, trusted communication across classification boundaries for battlefield deployments and coalition missions where speed, security, and reliability are essential.

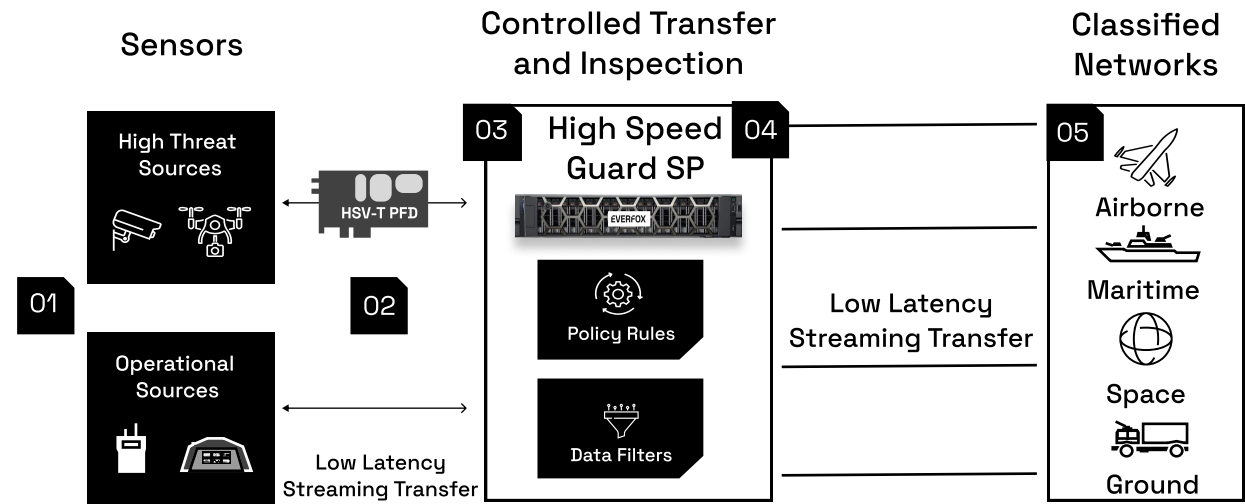
BENEFITS

- FPGA-based hardware validation for data integrity
- Blocks simulated attack vectors in controlled tests
- Reduces reliance on vulnerable software-only solutions
- Mitigates insider threats and data breaches
- Compliant with NSA RTB security standards

Secure Data Transfer at The Tactical Edge

Secure, reliable data transfer from edge to mission systems.

Simple. Secure. Safe



Compact, Mission-Deployable Hardware Platforms

01

Ingest & Normalize

Ingest operational and sensor data in common formats from multiple sources and domains.

02

Protocol Break at the Edge (HSV-T PFD)

Provide a hardware-based protocol break for high-threat network data.

03

Inspect and Validate (HSG-SP)

Extract and inspect individual files for threats, routing, and format compliance.

04

Enforce Policy Controls (HSG-SP)

Apply rule-based policies and content filters to block unauthorized data.

05

Repackage & Deliver

Repackage approved content and deliver it to mission destinations.

About Everfox

Everfox secures the data, networks, and people that protect national security and global defense, empowering agencies to operate confidently in high-consequence environments, all while realizing efficiencies in cost, capabilities and productivity. Built for mission-critical operations, Everfox empowers governments, allies, and enterprises to collaborate securely, operate confidently, and act at mission speed. Unlike traditional cybersecurity vendors, we don't just defend systems, we defend missions.

Our purpose is clear, protect the data that protects the people that protect us.