

EVERFOX

USE CASE

Real-Time FMV Dissemination for Situational Awareness and Command

Secure Data Transfer at the Tactical Edge

In high stakes tactical missions, secure data flow is essential to operational success. While many cybersecurity solutions rely on software, Everfox High Speed Verifier Turnkey (HSV-T) takes a different approach. It delivers **fast, hardware enforced one way or bi-directional data transfer with built in threat removal**, purpose built for tactical environments where reliability, speed and assurance are non negotiable.

HSV-T empowers mission teams with secure, high speed data sharing across complex operational environments. Whether streaming real time drone video from unclassified platforms to secure command centers, delivering command and control data from forward deployed sensors, or enabling intelligence exchange between coalition networks with different classification levels, HSV-T helps to ensure critical information gets where it is needed, when it is needed, with uncompromising security and performance.



Tough Conditions Demand Tough Security:

Tactical teams must **exchange data across classified and unclassified networks** while operating under extreme conditions. They face size, weight, and power constraints, risk of equipment loss or capture, limited infrastructure, and the need for real time, low latency communication. These challenges demand a security solution that is simple to deploy, easy to maintain, and designed to perform in the most demanding field scenarios.

Customizable Hardware-Enforced Security

The Everfox HSV-T provides hardware-enforced security data verification in a compact PCIe card suitable to fit into deployable compute modules. Designed for use at forward operating bases or remote connections to headquarters, it **connects two isolated networks** & inspects data streams in near real-time using fixed logic. With built-in threat removal and full semantic validation, HSV-T helps to ensure only trusted data passes through.

BENEFITS:

- Allows classified domains to safely receive data from unclassified and untrusted systems without compromising the classified systems
- Continues to safeguard classified networks even if equipment is lost or captured
- Scales out to support higher throughput demands
- Configurable via USB, no management network required

Secure Data Transfer at the Tactical Edge

Real-time FMV dissemination is secured using a hardware-enforced protocol break with FPGAs, supporting one-way or bi-directional flow control.

Software-level inspection and modification enable near real-time integrity verification and logging, delivering trusted data for fast, informed decisions.

For complex formats, software appliances can be added on either side to transform data before and after verification.

*This is one of many possible use cases. Additional examples and a live demo are available on request.

About Everfox

Everfox, formerly Forcepoint Federal, has been a trailblazer in defense-grade cybersecurity for more than two decades. Leading the way in delivering innovative, high-assurance solutions. But we're just getting started.

Real-Time Full Motion Video (FMV) Dissemination for Situational Awareness and Command

