

USE CASE

Secure Transfer of Drone Feeds

Securely transfer live drone video feeds and telemetry data to classified networks using Hardsec protocols and hardware-enforced data breaks.

Enabling policy enforcement, data transformation and mission-specific controls at the tactical edge.

Fast, lightweight, view and management of situational awareness data, such as locations of friendly or enemy forces, sensor detection and mission updates.

THREATS TO DATA FEEDS:

- **Loss of Control** or the ability to attack the operator by physically stealing the “asset” or unmanned vehicle
- **Man-in-the-Middle Attacks** where attackers or nation-states could alter messages, injecting false information and manipulate movements
- **Data Tampering** or modifying CoT messages could change, swap or disrupt operations
- **Jamming or DoS Attacks** that could jam communication channels carrying CoT data, causing a loss of situational awareness

APPROACH:

- Hardsec Protocol Break
- Software Inspection/ Modification

SOLUTION:

- Everfox High Speed Verifier (HSV)
- Everfox Data Guard

BENEFITS:

- Confidentiality and Data Validation
- Data Integrity and Authenticity
- Reliable Mission Execution
- Keep Communication Operational
- Reliable Intelligence



Secure Transfer of Tactical Data

Secure transfer of drone feeds and CoT data to classified networks with ability to apply policy, validation and modification of content, including optional Hardsec data and protocol breaks.

