

Winning At The Edge

How Everfox Enabled the Secure Movement of Data from Sensor to Shooter.



“Trusted data in motion underpins effective command and control.

If data integrity is not assured, commanders are forced to delay or second guess critical decisions that will be the difference between mission success or failure.”

- Jack Wilmer,
former DoD Chief Information Security
Officer

THE MISSION:

In modern warfare, milliseconds can decide outcomes. The side that can see, decide, and act first, wins.

However, in a connected battlespace, where every sensor and shooter is part of a digital network, **the real challenge isn't firepower. It's data power**, and the ability to move information securely, instantly, and everywhere it's needed.

THE CHALLENGE:

At the tactical edge, warfighters operate in disconnected, contested, and fast-moving environments. Intelligence flows from unmanned systems, sensors, and allies across multi domains and classification levels.

Getting that data where it's needed, **from the sensor to the shooter to the mission partner**, has traditionally meant tradeoffs: speed vs security, access vs control.

Battles are Won at the Edge.

THE RESULT:

A trusted edge ecosystem underpinned by Everfox technology that enabled near real-time, secure data sharing across domains, giving the U.S., U.K, and NATO forces an operational advantage when every second mattered.

THE IMPACT:

In a live scenario, Intelligence, Surveillance, and Reconnaissance (ISR) data captured by a drone at the edge is securely moved through a combination of Everfox software and hardware-based technology, reaching forward-deployed units and coalition partners within seconds.

Resulting in faster targeting decisions, synchronized missions, and lives saved.

This isn't just technology integration, it's capability in action. Demonstrating how secure, real-time data movement is transforming defense operations at the tactical edge.



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