

From Manual Data Transfer to Real-Time Mission Speed

AI isn't slowing missions down. Data readiness is.

Modern missions are moving faster than ever, AI is accelerating decisions, sensors are generating more data than ever before. However, **over half of government and defense organizations are still moving data manually.**

That means critical information is still being walked between systems, transferred by hand, or delayed by disconnected environments. AI is operating at mission speed but is the data?

THE MISSION:

Enable real-time, secure access to mission critical data, wherever it's needed, without delay or degradation.

Data must move seamlessly between headquarters, systems and classification levels, arriving intact and ready to use the moment it's needed. Because in modern operations, decisions don't wait, and neither should the data behind them.

THE CHALLENGE:

Across headquarters and operational environments, data was trapped in silos.

Sensor data collected in one location had to be physically transferred to another, often by hand. In many cases, teams were still walking data between environments to make it usable.

In mission terms, that's not just inefficiency, it's lost time to act.

- Intelligence arrived too late to influence outcomes
- Operators worked with incomplete or outdated information
- AI systems were limited by a lack of timely, trusted inputs

When data moves slowly, the mission slows with it.



From Minutes to Milliseconds

THE RESULT:

Everfox replaced manual workarounds with a secure, automated data movement model.

Data no longer needed to be handled, transferred or reprocessed manually between environments. It moved in near real-time, securely and intact, from HQ to HQ, system to system, edge to enterprise.

Enabling:

- Real-time access to mission critical data
- Continuous, trusted data flow across classification levels
- Immediate availability of sensor and operational data
- AI systems powered by live, high-integrity inputs

THE IMPACT:

Operations no longer waited on data. Operators acted with real-time clarity instead of relying on delayed reports and data, while leaders made decisions with full visibility across environments. Teams were able to coordinate faster, aligned by shared, trusted information rather than fragmented or outdated inputs.

As manual data transfer was removed or limited, the delays and uncertainty it introduced disappeared with it, allowing the mission to move at the speed it demands.

Meaning:

- No more manually transferring data between systems
- No more waiting minutes to act on seconds-old intelligence
- No more operating behind the moment



53%

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respondents¹

are primarily manual and rely on paper records or physical data transfer, with minimal security controls

¹ <https://info.everfox.com/cyber360-defending-the-digital-battlespace>