

Zero-Copy Data Architecture at the Edge

Every extra data copy adds risk, latency, and cost. Design it out.

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Every extra data copy adds risk, latency, and cost. That's why Norseman Defense Technologies leads with zero-copy data architectures at the edge, built and implemented on Odin's Edge.

What We Deliver

- **Speed and resilience:** Stream features, not files. Cut hops, cut wait time, keep mission timelines intact.
- **Security by design:** Data minimization and least privilege reduce attack surface for DoD, CIV, and IC workloads.
- **Compliance ready:** Governance baked in—classification at ingest, immutable logs, and controls aligned to CMMC and RMF.
- **Partner-first approach:** We integrate OEMs and channel partners to accelerate outcomes with repeatable patterns.

Why Odin's Edge

- Zero-copy pipelines from sensor → inference → action
- In-place processing with strict egress policies for CUI and SBU data
- Proven patterns for real-time analytics and MLOps at the tactical edge

The Bottom Line

If your edge strategy still depends on staging folders and temp disks, you're leaving time, security, and dollars on the table.

Let's architect zero-copy together. Explore **Odin's Edge**, **Real-Time Analytics**, and **Machine Learning** use cases. Procurable via **ITES-4H**, **SEWP V**, **SEWP VI**, and **GSA MAS**. SEWP VI ordering opens November 1, 2026, and SEWP V ordering is extended through January 31, 2027.

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