



Intelligence / Reconnaissance & Data Collection

Defense and intelligence agencies increasingly depend on high-resolution sensor and drone data collected in the field. Storing this data at the edge enables rapid access and analysis where it is needed most—at the tactical edge—without relying on intermittent or high-latency satellite or cloud-based connections.

Key Benefits

- > **Faster Decision-Making:** Enables real-time analysis of reconnaissance data for faster mission planning and situational awareness.
- > **Reduced Latency:** Eliminates dependency on centralized cloud connections, decreasing latency and improving response times.
- > **Operational Continuity:** Maintains data availability in contested or disconnected environments where communication links may be disrupted.
- > **Improved Mission Autonomy:** Allows autonomous systems and field teams to function without needing continuous uplinks.
- > **Data Sovereignty:** Ensures sensitive mission data remains localized and secure from external threats.
- > **Resource Optimization:** Reduces bandwidth consumption by processing and filtering data locally before transmission.



Intro to Edge Computing

In today's fast-evolving landscape, the need for real-time data processing and actionable insights at the edge has become a critical priority for mission-critical operations. Odin's Edge, powered by Norseman Defense Technologies, is designed to address these demands by delivering scalable, high-performance computing solutions in ruggedized, portable environments. This solution brings unparalleled flexibility, enabling data-driven decisions at the tactical edge while ensuring robust security and seamless scalability.

Core Capabilities:

- > **Tactical Data Caching:** Stores large reconnaissance files locally for instant access by field personnel.
- > **Sensor Integration:** Seamlessly integrates with airborne, maritime, and ground-based ISR platforms.
- > **Field-Deployable Storage Units:** Rugged, compact storage solutions designed for harsh environments.
- > **Redundant Data Protection:** Uses RAID and other methods to protect data integrity in volatile conditions.
- > **Secure Data Handling:** Enforces encryption and access controls for classified or sensitive data.
- > **Edge AI Compatibility:** Supports local AI processing to flag threats and anomalies in real time.