

Disaster Response & Emergency Services

First responders often work in remote or disconnected environments during natural disasters, search-and-rescue missions, and emergency recovery. Edge storage enables local data collection and retention—supporting real-time situational awareness, coordination, and life-saving decisions.

## Key Benefits

- Immediate Situational Awareness: Stores drone, bodycam, and sensor data at the incident site for real-time use.
- > Reliable in Harsh Conditions: Continues functioning in areas where cloud access is degraded or nonexistent.
- > Data-Driven Response: Supports analytics and mapping tools that improve triage and logistics.
- > Interagency Coordination: Enables multiple response teams to access shared local data stores.
- Reduced Communication Burden: Minimizes the need for data backhaul to central servers.
- Post-Incident Review: Provides a persistent, local archive of response data for after-action analysis.



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## 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:**

- Rapidly Deployable Storage Kits: Easily transported, ruggedized systems for field use.
- Sensor and Imaging Integration: Captures feeds from aerial and ground sensors in real time.
- Portable Command Center Support: Works with mobile operations centers for incident management.
- Geo-Tagged Data Storage: Organizes information by location to support mapping and search operations.
- Encrypted Data Access Controls: Protects sensitive data from unauthorized access.
- Offline Mapping and Routing: Enables navigation and resource tracking even when GPS or internet is limited.