



## Disaster Response & Emergency Services

In the aftermath of natural disasters, conventional communication networks are often unavailable or overwhelmed. 5G at the edge allows for the rapid deployment of mobile networks that restore situational awareness and coordination for emergency services in the critical early hours of response.

### Key Benefits

- > **Rapid Network Restoration:** Establishes ad-hoc connectivity for first responders within minutes of arrival.
- > **Enhanced Situational Awareness:** Live drone feeds, geolocation data, and sensor integration guide resource deployment.
- > **Improved Public Safety:** Enables direct communication with affected populations through mobile alerts and real-time updates.
- > **Scalable Response Operations:** Supports growing responder teams, medical units, and command centers.
- > **Seamless Multi-Agency Coordination:** Ensures interoperability between fire, EMS, law enforcement, and military units.
- > **Real-Time Health Monitoring:** Tracks vital signs of both victims and responders to guide triage and treatment.



### 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:

- > **Deployable Edge Nodes with 5G Backhaul:** Mobile, vehicle- or drone-mounted edge infrastructure for flexible deployment.
- > **Interoperability with First Responder Systems:** Integrates radios, phones, tablets, and command software across agencies.
- > **Local Data Processing:** Reduces reliance on external cloud or core networks in compromised environments.
- > **Geospatial Visualization Tools:** Combines edge data into real-time maps for resource tracking and hazard identification.
- > **Resilient Mesh Networking:** Enables communications even if some nodes are damaged or disconnected.
- > **Cybersecurity & Data Protection:** Protects critical response data and maintains chain of custody for evidence collection.