NORSEMAN
DEFENSE TECHNOLOGIES

Threat Detection and Response at the Edge

Norseman Defense Technologies enhances security by deploying edge AI solutions that enable real-time threat detection and rapid response in sensitive or remote locations. By leveraging containerized AI on tactical edge devices and infrastructure, organizations can process and analyze security data locally—eliminating latency issues and improving decision-making in mission-critical environments.

Use Cases

Edge AI security solutions can be applied across multiple federal and homeland security scenarios, including:

> **Surveillance and Intrusion Detection –** AI-powered cameras and sensors at remote locations analyze movements in real time, identifying unauthorized individuals which can trigger an automated alert designated personnel.

> **Building Security –** AI-driven facial recognition systems verify personnel and detect unauthorized individuals, while anomaly detection flags suspicious behavior in high-security facilities.

> **Threat Monitoring –** Real-time AI processing at security checkpoints analyzes passenger behaviors, identifies concealed weapons using advanced image recognition, and prevents unauthorized access to restricted zones.

> **Hazardous Material Detection –** AI-enhanced environmental sensors at ports and transportation hubs detect chemical, biological, radiological, and nuclear (CBRN) threats, alerting security teams instantly.

Key Benefits:

Edge AI enables detection and response to security threats in real time while ensuring data privacy, reducing latency, and enhancing operational resilience in high-risk environments.

> **Real-time Threat Detection:** Identifies and responds to security breaches, intrusions, and anomalies instantly.

> **Reduced Latency:** Processes data locally at the edge, eliminating transmission delays for faster decision-making.

> **Enhanced Data Privacy and Security:** Keeps sensitive security data on-site, minimizing exposure to cyber threats and data breaches.

> **Scalability and Flexibility:** Supports multiple sites with adaptable edge AI deployments, avoiding vendor lock-in and ensuring seamless integration with existing security infrastructure.

> **Autonomous Security Responses:** Enables AI-powered automation to trigger immediate protective actions, such as lockdowns or drone surveillance, in high-risk scenarios.

Norseman's Advantage:

As a trusted value-added reseller (VAR), Norseman Defense Technologies delivers tailored AI-powered edge security solutions that align with unique mission requirements. Norseman ensures seamless integration into existing security frameworks, providing multi-vendor, interoperable solutions that prevent vendor lock-in while maximizing operational effectiveness. By leveraging cutting-edge AI at the edge, Norseman empowers organizations to enhance security and response with faster, smarter, and more resilient threat