

REPRESENTATIVE USE CASE

Real-Time Analytics for Operational Decision-Making

Implementation of a real-time analytics platform that ingests, processes, and visualizes streaming data, enabling operators to make informed decisions based on current conditions rather than historical reports.

PRACTICE

Applied AI & Data Analytics

CLIENT PROFILE

Operations center or mission support organization requiring sub-second analytics on streaming data for situational awareness, anomaly detection, or operational monitoring

Challenge

- Decision-makers relying on batch reports that are hours or days old
- No infrastructure for ingesting and processing high-velocity streaming data
- Inability to detect anomalies or changing conditions in real time

Approach

- Deploy stream processing platform for real-time data ingestion and transformation
- Implement event-driven analytics with configurable alerting thresholds and anomaly detection
- Build operational dashboards with sub-second refresh for situational awareness
- Integrate with historical data stores for contextual enrichment and trend analysis

Typical Outcomes

- Sub-second visibility into operational metrics and events
- Automated alerting on anomalies enabling proactive response
- Improved decision-making through real-time operational intelligence

Procurement Paths

- NASA SEWP V and SEWP VI for streaming analytics infrastructure
- GSA MAS for analytics engineering services
- DoD ESI for Elastic platform licensing

Compare vehicles and ordering steps on [How to buy](#).

Partner Technology Examples

- Elastic
- Confluent
- AWS GovCloud
- Splunk

This is a representative use case. To request a briefing or a quote, contact Norseman Defense Technologies at 410.579.8600 or sales@norseman.com.