Hybrid Cloud Architecture for a Federal Mission Network

A hybrid cloud design and implementation engagement that unifies on-premises and cloud infrastructure into a single operating model, improving agility, resilience, and compliance posture.

PRACTICE

Cloud and Edge

CLIENT PROFILE

DoD organization operating across classification levels with workloads spanning on-premises data centers and authorized cloud environments

Challenge

- Siloed on-premises and cloud environments with inconsistent management tooling
- Difficulty migrating workloads due to data sensitivity and compliance constraints
- Limited automation for provisioning across hybrid environments

Approach

- Assess existing workloads and classify migration candidates by risk, latency, and compliance requirements
- Design hybrid reference architecture with unified networking, identity, and policy management
- Implement infrastructure-as-code templates for repeatable deployments across on-prem and cloud
- Establish monitoring and governance spanning both environments with single-pane visibility

Typical Outcomes

- Unified operating model across on-premises and cloud with consistent policy enforcement
- Faster provisioning of new workloads from weeks to hours
- Improved disaster recovery posture with cross-environment replication

Procurement Paths

- NASA SEWP V and SEWP VI for infrastructure hardware and cloud services
- ITES-4H for Army IT hardware requirements
- GSA MAS for professional services and cloud migration support

Compare vehicles and ordering steps on **How to buy**.

Partner Technology Examples

- Hewlett Packard Enterprise
- Dell Technologies
- VMware
- Microsoft Azure Gov

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.