Enterprise Storage Modernization and Data Lifecycle Management

A storage infrastructure refresh and data management strategy that improves performance, reduces risk, and establishes tiered data lifecycle policies across the enterprise.

PRACTICE

Infrastructure Modernization

CLIENT PROFILE

Federal agency managing petabytes of mission-critical data across multiple classification levels with aging storage infrastructure

Challenge

- Legacy storage arrays approaching end-of-support with growing capacity demands
- No formal data lifecycle or tiering strategy; all data treated equally regardless of access patterns
- Backup and recovery processes are manual, slow, and insufficiently tested

Approach

- Assess current storage utilization, performance bottlenecks, and data classification
- Design tiered storage architecture with high-performance, capacity, and archive tiers
- Implement automated data lifecycle policies for migration, retention, and disposition
- Modernize backup and disaster recovery with validated recovery time objectives

Typical Outcomes

- Reduced storage costs through intelligent data tiering and deduplication
- Improved I/O performance for mission-critical applications
- Validated disaster recovery with documented and tested RPO/RTO targets

Procurement Paths

- NASA SEWP V and SEWP VI for enterprise storage platforms
- ITES-4H for Army storage hardware
- GSA MAS for data management and migration services

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

Partner Technology Examples

- NetApp
- Dell Technologies
- Hewlett Packard Enterprise
- VMware

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.