



# Unrivaled Expertise in Modernizing Federal Data Management



## Solution Brief

*Federal agencies know they must leverage data more effectively for future mission success. To do that, many agencies have turned to innovative data management solutions for their storage modernization, next-generation data center, and hybrid cloud needs from Network Appliance (NetApp).*

Federal agencies know NetApp as a leading storage provider to the U.S. government and they trust CTG Federal's unmatched experience and expertise when it comes to designing and deploying NetApp-based solutions to store, manage, and protect their most precious mission asset: their data. CTG Federal helps agencies simplify, streamline, and modernize their on-premise and hybrid cloud data centers so the data they need is in the right place, at the right time, and accessible to the right people.

## **The NetApp solutions that CTG Federal delivers to civilian, defense and intelligence agencies include:**



### **FABRIC-ATTACHED STORAGE (FAS)**

NetApp offers the industry's most flexible, manageable, and scalable storage systems and provides agencies with maximum data availability and data protection. With NetApp, agencies have continuous and ready access to their high-value data for faster decisions and higher productivity. NetApp Fabric-Attached Storage (FAS) systems enable agencies to simplify data management, reduce costs and complexity, minimize risk, and control change.



### **HYBRID CLOUD**

NetApp Hybrid Cloud Infrastructure (HCI) makes managing multiple clouds easy and seamless so agencies can deploy their applications on the cloud of their choice and easily move workloads across clouds as needed, all while using a common control plane. HCI employs frictionless consumption, self-service, automation, programmable APIs, and infrastructure independence so that agencies can accelerate new services, consolidate their infrastructures, scale as needed, deliver consistent management between public and private clouds, and reduce costs.

With solutions such as NetApp Kubernetes Service on NetApp HCI, Cloud Volumes on NetApp HCI, and StorageGRID support for AWS Glacier, agencies can easily deliver cloud-native capabilities on premises, make their apps and data portable across the hybrid multi-cloud regardless of location, and centrally orchestrate application and data services.



### **CONVERGED INFRASTRUCTURE**

The NetApp FlexPod Datacenter with NetApp's All Flash FAS (AFF) system is a converged infrastructure platform that combines best-of-breed technologies from NetApp and Cisco into a powerful converged platform for enterprise applications. NetApp works closely with Oracle to support the most demanding transactional and response-time-sensitive databases required by today's businesses.

Simultaneously, NetApp works with VMware to support the most demanding virtualization and desktop virtualization infrastructures. A FlexPod features include validated, preconfigured, pretested configurations; simplified management; high availability and resiliency; improved efficiency; and easy scaling. Integrating high-availability and disaster recovery capabilities, FlexPod Datacenter enables agencies to achieve "always on" performance with the agility to meet rapidly changing demands.



### **HIGH-PERFORMANCE COMPUTING (HPC)**

Many agencies must process large volumes of data and perform complex calculations at high speeds for their science, research, modeling and simulation, and other technical missions. NetApp HPC storage solutions are fast, reliable, easy to deploy, scalable, and highly automated to deliver fast, flexible, and fluid data management for today's most demanding workloads. Moreover, NetApp HPC delivers 4x lower failure rates than commodity HDD and SSD devices at the industry-leading price-performance density per storage rack unit, making it highly efficient and cost-effective.



## DISASTER RECOVERY/CONTINUITY OF OPERATIONS PLANNING (COOP)

When disaster strikes, NetApp business-continuity and disaster recovery solutions help agencies prevent lost productivity, reputation, and mission failure. With NetApp solutions, agencies can simplify data protection across their storage infrastructure with set-it-and-forget-it policy management that recovers from disaster rapidly with zero Recovery Point Objective (RPO) and near-zero Recovery Time Objective (RTO) for the most critical application data.

Solutions such as NetApp's MetroCluster and Synchronous SnapMirror help agencies maintain continuous data availability for mission-critical applications at up to half the cost and complexity of competitive solutions while providing cost-effective, easy-to-use, high-speed replication of business-critical applications, such as Microsoft Exchange, Microsoft SQL Server, SAP HANA, MongoDB, and Oracle Database, in both virtual and traditional environments.



## DATA MANAGEMENT

Most federal agencies rely upon a heterogeneous mix of server, network, and storage solutions, with some applications virtualized and others not. NetApp OnCommand Insight is a storage resource management tool for brokering and monitoring both on-premise and cloud-based storage so that agencies can fully leverage and optimize the resources they already have, make sense of their heterogeneous environments, and rationalize purchasing decisions. OnCommand Insight also helps agencies quickly identify misused, misaligned, underused, or orphaned assets and reclaim them to fuel future expansion.

## Contracts

DUN & Bradstreet: 080932836  
 CAGE Code: 7ZHE9  
 NAICS Code(s): 541519

NASA SEWP V  
 Contract Number: NNGI5SDI2B  
 Group: Group B\_Small Business

### Available contracts via teaming:

CIO-CS • GSA • FirstSource II • ITES  
 DoE ICPT • USAF 2GIT • SPAWAR C2 MAC • FAA  
 SAVES • DLA SOE Troop Support  
 • 8a Small Business Direct Award  
 • Agency Specific BPA's & Marketplaces

## CTG FEDERAL: AN INDISPENSABLE AGENCY PARTNER FOR NETAPP MODERNIZATIONS

CTG Federal delivers unrivaled expertise and value to federal agencies looking to simplify, streamline, and modernize their data infrastructures with NetApp solutions. We are one of only two federal value-added resellers that carry NetApp A-Team membership. As NetApp A-Team members, CTG Federal has access to privileged product roadmap information, product and corporate engineering, and escalations support services. In fact, CTG Federal staff help write the engineering certification exams for industry. In addition, CTG Federal offers:

- A century of combined NetApp experience within our sales, engineering and operations staff.
- A sales and engineering staff that is fully certified and NetApp-accredited on the full portfolio of NetApp solutions and products.
- Best practices on the design, architecture, and sizing of NetApp solutions.
- NetApp product updates and NDA (non-disclosure agreement) roadmaps to help agencies future-proof their modernization plans.
- Promotional pricing, discount programs, and value-added price breaks.
- Speed, efficiency, and accuracy in booking, shipping, and tracking customer purchases.
- Dedicated and knowledgeable post-sales and logistical support.
- NetApp-certified and accredited engineering staff for pre-sales support and post-sales implementation and migration work.
- U.S. Citizen, U.S.-based, TS-cleared personnel at all levels of sales and engineering.



A small business reseller specializing in Federal IT infrastructure that is scalable, secure, and affordable.

703-278-3885  
 contact@ctgfederal.com  
 1818 Library Street, Suite 500  
 Reston, VA 20190

[www.ctgfederal.com](http://www.ctgfederal.com)

### Certifications:

- NetApp STAR Partner
- NetApp PS Certified
- NetApp FlexPod Certified
- NetApp A-Team Membership
- NetApp Subject Matter Expert Elite