



A Trusted Federal Partner for Data Center & Cloud Modernization

Solution Brief

As federal agencies move their workloads to the cloud, they often are presented many challenges. Some of these challenges are the result of unforeseen consequences of decisions that were made to help accelerate the adoption of cloud-native services.

One prime example is the lack of modernization funds for on-premises data centers or moratoriums on new hardware purchases, leaving them outdated and less capable. In moving to the cloud, they often encounter far more complexity and cost than anticipated.

Applications must be virtualized — abstracted from their legacy hardware environments — so they can operate efficiently in the cloud's elastic environments while maintaining security controls and compliance requirements. Agencies must sort out backup and recovery considerations for cloud-destined data and applications while unforeseen costs can abound.

CTG Federal excels at helping federal agencies plan and execute their IT modernization strategies smartly so they fully leverage past investments, plan their next modernization steps to better optimize their investment resources, and avoid blind spots that often come with cloud deployments.

CTG provides expert guidance and tailored solutions that best address our customers' specific requirements and missions. We arm agencies with:



**SOFTWARE-DEFINED
DATA CENTERS**



**ENTERPRISE STORAGE
SOLUTIONS**



**DISASTER RECOVERY,
BACKUP, & ARCHIVING
SOLUTIONS**



**HYPERCONVERGED
INFRASTRUCTURE (HCI)
PLATFORMS**



**CLOUD EXPERTISE
& SOLUTIONS**

Why CTG Federal

CTG Federal stands out in the crowded field of value-added resellers serving the federal market because of our ability to earn the trust of our federal agency clients through our expertise, past performance, and unique approach to the way we do business.

Our founders have all worked in the federal IT space for their entire careers. Their individual experiences and career paths have been varied and include work in contracting, IT service management, military service, and engineering for large systems integrators. We bring many perspectives to our practice that have served us and our customers well.

Contracts

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

Available contracts via teaming:

- SEWP
- CIO-CS
- GSA
- FirstSource II
- CHES
- DoE ICPT
- DoE SCMC
- NetCents 2
- SPAWAR C2 MAC
- Agency Specific BPA's & Marketplaces
- FAA SAVES



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

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Software-Defined Data Centers

Federal data centers — whether operating on-prem, in the cloud, or both — must service diverse modern workloads. The pace of innovation continues to accelerate, and these emerging technologies are increasingly accessible only to highly virtualized IT environments. CTG Federal delivers server, storage, network, and desktop virtualization solutions that offer agency clients a more centralized, efficient IT environment, improved overall user experience, and streamlined management and maintenance.



Enterprise Storage Solutions

Storage needs vary widely, depending on the use case, ranging from enterprise file sync and share (EFSS) to storage for enterprise applications both on-premises and in the cloud, as well as object based storage and data warehousing solutions.



Comprehensive Disaster Recovery, Backup, & Archiving Solutions

Federal organizations have diverse pools of data, each with different purposes and needs. Agencies need solutions that ensure those disparate data pools are backed up, recoverable, and archived. CTG Federal helps agencies ensure the mission continues uninterrupted and data remains available, accessible and compliant.



Hyperconverged Infrastructure (HCI) Platforms

HCI solutions deliver streamlined management, reduced capital expenditures, and remove the need for disparate hardware technology refresh cycles that can be operationally invasive. CTG Federal helps agencies architect HCI solutions as an efficient option for modernizing and automating the data center in a way that is modular, flexible, quickly deployable, and integrates seamlessly with existing infrastructures.



Cloud Expertise and Solutions

Agencies are at many different stages in their cloud journeys, and wherever they are, CTG Federal can help. We deliver solutions that advance our clients' cloud strategies, whether that consists of moving operations to the cloud in mass or one application at a time; standing up "as a service" capabilities such as DevOps, disaster recovery and back-up, containers, or platforms; or simply preparing for future cloud deployments. We work collaboratively with all our clients, connecting them with other client agencies to share their lessons learned and successes.