



# UNLOCKING SYNERGY

## The Dell Technologies and CTG Federal Data Center Partnership

### Solution Brief

**Welcome to the future of public sector data center solutions. Welcome to the Dell Technologies and CTG Federal partnership.**

As federal agencies strive to deliver efficient, secure, and scalable solutions, the role of data centers has never been more critical. Managing and harnessing these invaluable resources demands the convergence of innovation, expertise, and cutting-edge technology.

It is in this dynamic environment that the collaborative powerhouse formed by CTG Federal, an established force in providing IT solutions for the public sector, and Dell Technologies, a renowned global technology leader, are bringing forth an array of transformative offerings.

At the heart of our collaboration is a commitment to facilitating agencies' missions for today, tomorrow, and beyond. As trusted partners, we recognize the unique challenges of the public sector—security, efficiency, scalability, and cost-effectiveness, among others—and we have tailored our offerings to address these very challenges.



# Solutions and Services Leveraged through CTG Federal's Gold-Level Partnership with Dell Technologies Include...



## Dell Technologies' Data Center Solutions

At the heart of our partnership lies Dell Technologies' Data Center Solutions, including both storage and compute portfolios, providing federal agencies with the robust infrastructure needed to power their mission-critical operations. CTG Federal and Dell Technologies together provide a wide portfolio of data center solutions that encompass the entire spectrum of government workloads.



## Storage Portfolio

In an age where data is the lifeblood of any government agency, having a versatile and reliable storage infrastructure is paramount. Dell Technologies' robust storage solutions encompass structured and unstructured data, archival data, object storage, high-performing storage, and much more. This empowers CTG Federal to provide agencies with the flexibility to choose storage solutions that precisely align with their unique data requirements, ensuring data integrity, accessibility, and performance.



## Compute Portfolio

The compute power that drives federal agencies' critical applications and services is a cornerstone of Dell Technologies' offerings. From solutions for enterprise IT to optimizing data center operations, accommodating remote office setups and small deployments, to driv-

ing innovation in high-performance computing, AI, and machine learning, Dell Technologies' compute portfolio is engineered to meet any agency's challenges head-on.



## Customized, Turnkey Solutions

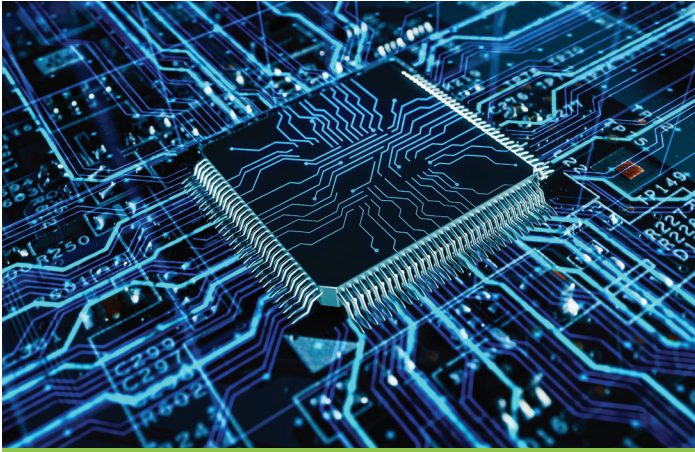
Federal agencies often require solutions that are more than just off-the-shelf products. Our partnership with Dell Technologies enables us to deliver customized, turnkey solutions that meet the specific needs of each agency. This approach allows us to deliver comprehensive solutions that seamlessly integrate into the existing IT ecosystem, ensuring optimal performance, scalability, and cost-effectiveness for continued mission success.



## Broad Portfolio of Technologies

The true power of our partnership lies in the ability to provide a one-stop solution for agencies, allowing them to streamline their technology infrastructure and focus on what truly matters: innovation, growth, and maintaining a leading edge within their sector. Beyond compute and storage, CTG Federal and Dell Technologies together provide a wide portfolio of offerings that enhance the overall IT infrastructure. From backup and recovery appliances to networking solutions, agencies can rest assured that we have their IT needs covered from end to end.

## Real World Use Cases



### **Unlocking the Power of Advanced Computing**

In addressing contemporary challenges, federal agencies are seeking innovative solutions to strengthen and enhance their capabilities. The integration of AI and High-Performance Computing (HPC) technologies opens new frontiers for federal agencies to process vast amounts of data rapidly. By harnessing the power of AI and HPC, agencies gain the capability to swiftly analyze vast datasets, leading to more precise decision-making, efficient processes, and enhanced outcomes.

CTG Federal, through its Gold-level partnership with Dell Technologies, offers an extensive portfolio of technologies to deliver HPC and AI solutions that are poised to revolutionize the way agencies use data. The collaboration ensures a secure and advanced future for federal agencies, providing timely and cost-effective solutions to address the complexities of modern governance.



### **Navigating the Future with CTG Federal and Dell Technologies**

As federal agencies navigate the complex landscape of data centers, Dell Technologies and CTG Federal have joined forces to offer transformative solutions that address the unique challenges faced by the public sector. The essence of our partnership lies in providing all the solutions in one place, enabling agencies to streamline their IT infrastructure and focus on innovation and growth. We are dedicated to delivering excellence in technology solutions.



seamlessly supporting them. Dell Technologies' HPC Ready Architecture offers federal agencies the flexibility to integrate all three on a single, cohesive platform.

By addressing the challenges of varying skill sets, resource management systems, software integration, and ecosystem requirements, this architecture, delivered through CTG Federal and Dell Technologies' partnership, provides agencies the ability to harness the combined potential of HPC, AI, and data analytics, ultimately driving scientific discovery and innovation.

## Unlocking Synergy in High-Performance Computing, AI, and Data Analytics for Federal Agencies

As the demands of federal government agencies evolve, the convergence of HPC, AI, and data analytics is redefining the way complex challenges are addressed. Traditional HPC workflows, focused on simulation and modeling, now co-exist with AI and data analytics workloads that emphasize data-intensive, iterative, and interactive processes. Despite the variance in HPC, AI, and data analytics workloads, federal agencies require a unified architecture capable of

### Contracts

DUN & Bradstreet: 080932836  
CAGE Code: 7ZHE9  
NAICS Code: 541519

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

#### Available contracts via teaming:

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