



# Leading Digital Transformation for Federal and Defense Enterprises



## Solution Brief

*Many federal agencies are investing in digital transformation so they can better address mission needs, reduce costs, and unlock new possibilities with digital infrastructures that are smart, secure, scalable, and responsive.*

*Cisco and CTG Federal are essential partners to federal and defense organizations that are driving digital transformations. We offer innovative hardware, software, and top-flight professional services to help government enterprises solve their most vexing challenges.*

## **As a Cisco Premier Partner, CTG Federal helps agencies transform all aspects of their IT infrastructure, including:**



### **DATA CENTERS AND HYBRID CLOUD**

CTG is a leader in architecting and deploying Cisco data center and cloud solutions that deliver high value to the mission, maximize efficiencies, and help agencies meet IT modernization and Federal IT Acquisition Reform Act (FITARA) goals. We leverage automation, machine learning, and artificial intelligence to architect IT environments that are smart, streamlined, orchestrated, and highly secure.



### **CROSS-DOMAIN DATA NETWORKING**

CTG delivers intelligent data fabrics that connect data sources, applications, and end users across the extended federal agency enterprise. Employing robust, centralized management platforms, such as Cisco DNA Center, we incorporate diverse API ecosystems that offer unprecedented flexibility to support diverse mission needs. Our array of Cisco data network solutions enable agencies to accelerate and automate management, while improving security, resiliency, reliability, and performance.



### **CYBERSECURITY**

CTG offers industry-leading subject matter expertise on all aspects of federal cyber security matters and we recognize that effective, holistic cyber architectures require a highly integrated, orchestrated, and analytics-driven approach that focuses on data protection and resiliency. We employ cutting-edge solutions — such as Cisco Stealthwatch with Encrypted Traffic Analytics (ETA) and Cognitive Threat Analytics (CTA), Umbrella Secure Internet Gateway (SIG), and Identity Services Engine in concert with network controllers like Cisco Application Centric Infrastructure (ACI) and Cisco Digital Network Architecture (DNA) — to ensure federal agencies can quickly and effectively address rapidly emerging threats in real time.



### **INTERNET OF THINGS (IOT), INDUSTRIAL CONTROL SYSTEMS (ICS), AND EXTENDED ENTERPRISES**

Federal enterprises manage vast inventories of end points and electronic devices — everything from climate control systems, sensors, control valves, and many other devices critical to national security and mission needs. CTG offers robust, secure IoT/ICS solutions that incorporate artificial intelligence (AI) and machine learning, automation, and metadata exchange capabilities so agencies can manage these assets efficiently, whether their operations are on-premises, in the cloud, or at the edge. Our leading-edge solutions, such as Cisco Kinetic products, enable agencies to unlock the power of 5G, Wi-Fi 6, and other modern industrial networking technologies to bring greater efficiency, security, and orchestration to their extended enterprise environments.

## Why choose CTG Federal for your Cisco needs

As a Cisco Premier Partner, CTG Federal uniquely excels at architecting and deploying a wide array of Cisco solutions and services to dozens of federal, defense, and intelligence agencies. Almost half of our employees possess Cisco career certifications and we have specializations in a wide array of Cisco products and solutions, as well as Cisco Enterprise Agreements. Half of our employees also hold security clearances.

### Our Cisco partner accreditations include:

- Premier Partner
- Advanced Data Center Architecture Specialization
- Advanced Enterprise Networking Architecture Specialization
- Advanced Security Architecture Specialization
- Advanced Service Provider Architecture Specialization
- HyperFlex Authorization
- IoT Authorization
- Cisco EA Authorization

CTG also possesses an advanced services delivery ecosystem with experience navigating the unique challenges that federal organizations confront.

### Our teaming arrangements enable us to deliver cutting-edge architectures such as:

- Cross-domain orchestrated and automated fabrics (*enterprise-data center-cloud-SP/5G*)
- Advanced orchestrated cybersecurity solutions (*SecureX, SD-Access, Stealthwatch, Umbrella SIG, Identity Services Engine, Next-Generation Firewalls*)
- Extended enterprise offerings (*Kinetic*)
- and other leading-edge architectures

*Ask us about the work we have done for  
Department of Justice and Department of Energy.*

## ABOUT CTG FEDERAL

CTG Federal serves dozens of federal defense, intelligence, and civilian organizations with IT expertise and solutions. We bring extensive expertise, experience, and professionalism in helping federal clients meet their IT modernization needs. Our experts keep current on the leading edge so we can provide our clients with the best solutions to serve their specific IT goals and objectives most efficiently and effectively. Headquartered in the greater Washington area, CTG Federal has satellite offices throughout the United States.

## Contracts

DUN & Bradstreet: 080932836

CAGE Code: 7ZHE9

NAICS Code(s): 541519

### Available contracts via teaming:

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



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