

COMPUTING SYSTEMS AND SERVICES

Mission Critical Systems and Trusted Data Center Solutions for a Rapidly Changing World



CSC
NORTH AMERICAN
PUBLIC SECTOR

CSC

CSC brings a broad range of expertise as a Tier 1 provider. We have with decades of experience in running our own data centers, as well as data centers in government-owned, contractor-operated environments. We provide high-availability, mission-critical computing services and storage solutions that can be customized to a variety of needs. CSC also maintains Centers of Excellence that enable us to stay at the forefront of emerging technologies, which optimize our solutions to satisfy your needs before fielded.

Computing Systems and Services Benefits:

- Align IT strategy with mission goals
- Optimize operations power consumption process
- Maintain business continuity
- Reduce costs and improve service
- Ensure predictable IT budget and cost
- Protect data from system crashes - natural or man-made
- Enhance overall effectiveness of IT services (ROI, reliability, predictability, etc.)
- Leverage proven best practices

Why CSC:

- Trusted industry partner
- Serving U.S. Government for nearly 50 years
- Only Tier 1 infrastructure solutions provider with carrier legacy (>100 years)
- Over 90,000 employees
- Global reach
- Certified: ISO, CMMI, ITIL and Six Sigma
- Industry recognized leader in Green IT

Demanding more from your data center - increased availability, flexibility, security and capacity - while at the same time facing budget constraints. CSC is positioned to meet your needs through highly available, trusted, secure, flexible and cost-effective solutions based on innovative architectures, design and processes that incorporate Green IT proven practices.

Computing Services and Solutions

While you focus on your mission, we deal with the changes to your environment inherent in efforts to modernize and transform your computing systems, services and centers. We maintain high availability and operational continuity even when adapting new technologies to suit your needs and making process improvements. Key services include:

- Computing systems architecture and design
- Computing platforms
- Utility computing services
- Data and network storage
- Hosted services
- Storage solutions
- Trusted data center operations and secure enterprise management centers
- Backup and disaster recovery, continuity of operations, mission continuity
- Server and mainframe asset management
- Computing systems integration
- Transition services
- Green IT
- Virtualization

Computing Platforms

By aligning your computing platforms with our recommended architecture, operating systems and runtime libraries, we ensure optimized performance across the organization or enterprise. Key services include:

- Mainframes
- Midrange
- Small Wintel/Unix/Linux servers

Data and Network Storage Solutions

Our data and network storage capabilities range from simple storage and data management solutions to highly complex, tiered storage area networks (SAN) and shared SANs. These capabilities better enable continuity of operations and disaster recovery, and network area storage solutions.

Managed Services

CSC offers a full range of end-to-end computing services, including:

- A suite of managed, hosted applications and implementation services
- Server right-sizing and virtualization and/or utility-based computing services
- Flexible, modular network, security and managed application services that can easily adapt to changing technologies

Trusted Data Center Solutions

CSC managed facilities are used for the storage, management and dissemination of electronic data and information to multiple users. We are a recognized industry leader in managed data center services that reduce cost while improving service levels. Among our resources are:

IT Infrastructure Solutions
15000 Conference Center Dr.
Chantilly, Virginia 20151
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www.csc.com/itis

- Building/facilities and related assets
- Data center staff, both in-house and contractor
- Hosting and storage servers, as well as the software (licenses) running on these servers, including licenses for mission-oriented/ enterprise applications and application development components
- Green IT and virtualization
- Tier IV facility with a 100% service level agreement for power and HVAC as well as DOJ Level IV compliance, and stringent physical security measures

Green IT and Virtualization

Combating rising energy costs with accelerated demands while protecting our environment presents a challenge that we can meet head on. At CSC, Green IT and virtualization are integral to our culture and key components of an overall strategy to keep costs low while maintaining operational excellence. Our strategy includes:

- Utilization of energy efficient cube technology
- Improved efficiency in uninterrupted power supply, chillers and cooling units
- Passive infrared activated energy efficient lighting in dark room computer suites
- Efficient computer room design concepts (hot/cold isle, cabling standards)
- Water waste and energy reduction programs
- All IT waste recycled
- General waste recycling targets (>70%)
- Centralization, consolidation and virtualization of IT infrastructure
- Improved platform utilization

Business Continuity, Back-Up and Disaster Recovery Services

Protect your secure and valuable data from system crashes, natural or human disasters other unplanned events that can damage data, as well as threaten or even cripple an agency's operations. We use industry proven practices and standards, as well as our own refined processes to ensure data can be backed up and recovered quickly. Our services include:

- Business impact analysis
- Disaster recovery plans
- Continuity of operations and disaster recovery testing and conduct
- Preventive controls
- Compliance with NIST 800-34 and proven practices

Security

Security services and solutions are an integral part of all of CSC's core infrastructure services. We have experience applying the Defense Information Assurance Certification and Accreditation Process (DIACAP) on projects for our defense customers, and the National Information Assurance Certification and Accreditation Process (NIACAP) on projects involving federal agency customers. In fact, we have adopted some of these rigorous disciplines and methodologies used for government programs into our commercial proven practices, producing outstanding results for our customers.

Physical Security

With a new facility in Culpeper, Virginia, we offer physical security compliant with Department of Justice Level IV. This facility operates sophisticated surveillance systems, biometric scanners, and secured areas for processing of staff, customers and visitors, in addition to a 24/7 security staff with Department of Defense trained anti-terrorism members.