

TRUSTED DATA CENTER SOLUTIONS



CSC
NORTH AMERICAN
PUBLIC SECTOR



In today's world, processing data in a trusted, secure environment is vital to your operations. You want to know your IT provider has a solution that withstands all possible physical and cyber threats. That solution starts with a secure facility. Our highly secure campus is located in Northern Virginia, 60 miles from Washington, DC (outside of the blast zone), and has been built to meet Department of Justice (DOJ) Level IV requirements. CSC operates this data center using its proven methodologies, practices, and standards to bring you the best IT Infrastructure services capability in the most secure facility in the region.

Benefits of CSC's Trusted Data Center Solutions:

- 100% Service Level Agreement (SLA) for power and HVAC
- 24x7 armed security force trained in antiterrorism techniques
- DOJ Level IV compliant
- Designed to meet stringent physical security requirements
- Located 60 miles from Washington, DC
- Tier IV facility
- Sensitive Compartmented Information Facility (SCIF) capable

Why CSC?

- A trusted industry partner
- Serving the U.S. Government for nearly 50 years
- Only IT 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

What is a trusted and secure data center?

A *trusted* data center means your information and applications will be available whenever you need them, regardless of the time, number of users, or power required. A *secure* data center means your information and applications are protected from cyber threats and physical attacks 24x7. CSC now has such a facility, allowing you to feel secure in knowing your IT infrastructure will be safe and available.

Access Whenever You Need It

In today's business environment, 24x7 access to information and applications is critical to operations. Ensuring your IT infrastructure has the wherewithal to meet the most rigorous and time-sensitive demands is CSC's business. Our new Northern Virginia data center facility can meet these demands with state-of-the-art power, connectivity, and security.

Environment and Power

Without power, you cannot run your equipment, plain and simple. What makes our facility stand out in this regard?

Our data center is engineered to provide power distribution and HVAC at an N+2 level, with Service Level Agreements (SLAs) of 100%. The facility is configured for 120-180 watts per square foot, and is easily configurable to 280 watts and beyond. Commercial power is provided from three separate sources, with backup provided by eleven 2.25 megawatt diesel generator sets.

Stay Connected

You depend on robust connections for access to your information and applications. With connectivity to over 170 carriers, our facility ensures access at any time. In addition, on-demand network capacity prevents high levels of Internet traffic from saturating your network or interrupting your data flow. Further connectivity highlights include the following:

- Fiber optic cable distribution scheme with three diverse entry points to the two meet-point rooms and out to our facility
- Dark fiber providing access to an additional nine local carriers
- Engineered for the installation of six 16-meter satellite ground stations, with expansion capability to 12 stations

Location, Location, Location

Located in Culpeper, Virginia, 60 miles from Washington, DC, and 45 miles from Charlottesville, Virginia, the facility is situated on a 30-acre campus with the latest in security enhancements. The location is off the beaten path, but still close enough to the DC area for easy travel. Key benefits of the location include:

- Outside of the Washington, DC, 50-mile blast zone
- Easy access to several major Interstates (I-95, I-64, I-81, and I-66) via local state routes
- Easy access to rail line

IT Infrastructure Solutions

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Physical Security

The facility has the security needed to ensure continuous operation of critical hardware and applications and to protect vital information. The data center has been constructed to meet DOJ Level IV requirements using the latest tactics and technology. Highlights of the physical security system include:

- A 10-foot earth berm surrounding the entire campus
- 150-foot building set-backs
- Compliant fencing, video monitoring, and electronic passage technology
- Roving perimeter and operating-building security guards
- DoD-trained antiterrorism personnel on staff
- Compliant and flexible Tiered Access Control Protocols to conform to all levels of established threat conditions
- Primary entrance processing point outside the protective berm
- No vehicle traffic in the vicinity of data operating buildings

Data Center Operations

With over four decades of experience in both the commercial and Federal sectors, CSC offers solutions to meet the challenges faced in operating data centers, including the unique challenges associated with protecting high-security/high-survivability Government facilities.

Our data center capabilities include:

- 24x7x365 mission-critical operational focus
 - Automated monitoring and management functions
 - Cleared staff focused on mission-critical applications

- Proven and accredited policies, procedures, and practices
 - Work control/change and configuration management
 - Physical security/access control/personnel security
 - Backup/recovery/batch processing
 - Patch management/vulnerability scanning

Through our experience supporting hundreds of data center engagements in various industries around the world, we have developed an extensive portfolio of operational processes. We have tailored these IT Infrastructure Library (ITIL)-based practices to meet client standards and fulfill enterprise architecture and system development life cycle needs. Our approach is built around five core processes:

- Daily Service Review (DSR)
- Escalation and Notification
- Service Restoration Team (SRT)
- Root Cause Analysis (RCA)
- Change Management

Green IT and High-Density Solutions

High-density IT solutions such as virtualization and storage area networking offer a powerful means of reducing the IT footprint while increasing the availability of IT resources. At CSC, green IT and high-density solutions are integral to our culture and key components of an overall strategy to keep costs low while maintaining operational excellence. Our strategy includes the following elements:

- All IT waste recycled
- General waste recycling targets (>70 percent)
- Centralization, consolidation, and virtualization of IT infrastructure
- Improved platform utilization