



CSC

CYBERSECURITY SOLUTIONS

**DELIVERING  
CONFIDENCE**

# STAYING ONE STEP AHEAD

CSC

Cyber attacks pose a real and growing threat to nations, corporations and individuals globally. As a trusted leader in cyber solutions around the world, CSC protects some of the nation's—and the world's—most sensitive systems and networks.

We understand the links between the private sector and interests of governments. We also recognize that safeguarding governments and businesses against this complex and continually evolving challenge is essential to national security, public health and safety, and economic vitality.

We work with government agencies to protect their ability to operate securely in cyberspace.

We also help companies that support governments, operate critical infrastructures, and comprise the bulk of the economy. Our goal is to achieve the outcomes in cyberspace they require to support their vital missions and business objectives.

Whether yours is a public or private organization, we are committed to helping you protect your information systems to ensure that what you want to have happen in cyberspace happens—when you want it to happen— without disruption from those with malicious intent.

# LEADERSHIP IN THE WORLD OF CYBER

CSC

## Restoring Confidence in an Era of Uncertainty

One of the biggest challenges we face is restoring confidence in an era of uncertainty. Because of our unique position, we are intimately aware of and deal with the current threats government and industry face every day.

We harness this intelligence to give you the best and most accurate information available to protect your systems. We deliver fully integrated, end-to-end cyber solutions that are designed to safeguard critical systems, protect business operations and secure the enterprise.

Drawing on our 50 years of expertise and experience, CSC has a deep understanding of cyber complexities. From offensive, defensive and exploitative perspectives, CSC gives you the assurance you need to take action, mitigate risks and realize your full potential in this digital economy.

As one of the few providers with both government and commercial implementation experience across the globe, CSC has an unparalleled ability to solve the critical cyber challenges you face. Our cybersecurity solutions are built upon an in-depth understanding of information technology vulnerabilities, knowledge of cyber enemies and proven experience building and managing enterprise networks and systems.

Bringing together vision, thought leadership and technologies, we develop and implement innovative information assurance strategies and IT architectures that are intrinsically secure.

We deliver confidence through:

- **Architecture**—We provide advanced information technology infrastructure
- **Longevity**—We have delivered comprehensive solutions for 50 years
- **Experience**—We leverage vast knowledge in the public and private sectors
- **Security**—We secure the most highly sensitive networks in the world
- **Perspective**—We gather insights from government and commercial markets around the world
- **Resilience**—We develop solutions that withstand the vulnerabilities of hardware and software
- **Trust**—We collaborate with you to ensure your architecture meets mission-critical requirements
- **Transparency**—We build trust to encourage openness between private and public sectors
- **Integration**—We bring cross-discipline capabilities and shared insights to the table

# UNPARALLELED EXPERTISE ON A GLOBAL SCALE

CSC

## A GLOBAL CSC CLIENT

**Challenge:** A large global client faced a number of security issues throughout its infrastructure. These issues presented potential vulnerabilities and weaknesses leading to increased risk, requiring a comprehensive program to manage that risk effectively.

**Solution:** CSC's approach combined static and dynamic counter-measures, delivering more comprehensive security in a much shorter timeframe than a reactive, case-by-case basis to solving problems.

**Results:** In short, CSC's experts were able to help the client achieve the following:

- 90% reduction in vulnerability ratios
- 97% reduction in denial-of-service vulnerabilities
- 530% increase in systems with NO vulnerabilities

### Proven in Public and Private Sectors

CSC's breadth and depth of experience in cybersecurity is unmatched by any other technology provider. In the U.S., we pioneered the development and implementation of secure architecture that protects some of the nation's most critical information infrastructures. Our expertise extends across defense, homeland, civil and intelligence agencies. Every major department and agency in the U.S. government, including the Departments of Defense (DoD) and Homeland Security (DHS), National Oceanic and Atmospheric Administration and the Federal Bureau of Investigation, as well as major intelligence agencies and combatant commanders, have confidence in our cyber solutions and support.

Our experience working with commercial enterprises spans more than 16 different market sectors, including banking, telecommunications, energy, transportation, healthcare, finance, manufacturing, and aerospace and defense. CSC protects the networks of some of the world's major corporations, including a large number of defense industrial base organizations. With an established worldwide cyber footprint, we support FORTUNE Global 500 businesses and government ministries/departments around the globe.

### Trusted Partnerships Worldwide

CSC's deep expertise in the cyber domain is demonstrated through trusted partnerships with a number of leading solution providers around the world. We share information and communicate through our Leading Edge Forum—CSC's global network of thought leaders—and our Global Alliance Program. Our U.S. government engagements include working with a major intelligence agency providing internationally recognized cyber forensics experts, delivering cutting-edge biometrics and participating in cyber strike force. Commercially, we secure systems for commercial banking on an international scale and much more.

### Paving the Way for Cyber Innovation

At our Cyber Research Lab, you can see how our programs block potentially devastating intrusions. We simulate current and future cyber environments, threats and security solutions. This environment encompasses several geographically dispersed facilities for a more accurate demonstration of our effective computer network operations solutions. By witnessing what we can do for you, it instills confidence to help you move forward with your cyber initiatives to meet your business and mission objectives.

Our common criteria laboratories in the U.S., Australia and Germany perform evaluations of products and systems in conformance with the Common Criteria standard within their respective government schemes. Our U.S. Security Testing and Certification Laboratory is one of the few labs in the United States accredited to perform cryptographic module validation program conformance testing.

### We are Committed to Cyber

Our commitment to cyber is demonstrated by the support our people give to the:

- National Communications System
- Center for Strategic and International Studies
- Tech America (formerly Information Technology Association of America)
- National Intelligence Council
- Intelligence and National Security Alliance
- Armed Forces Communications and Electronics Association (AFCEA)
- CyberWatch Center
- DHS Cyber Storm
- National Security Telecommunications Advisory Committee
- National Security Intelligence Exchange
- Defense Industrial Base
- National Security Business Alliance Council
- Leading Academic Institutions

CSC

# WE SOLVE CYBER CHALLENGES

## Defense Cyber Investigations Training Academy (DCITA)

**Challenge:** Create the first federal institution exclusively dedicated to digital forensics training.

**Solution:** Design and teach more than 20 standards-based courses including Introduction to Networks and Computer hardware, Computer Search and Seizure, and Deployable Forensics.

**Results:** More than 10,000 enrollments since the Academy's inception. These DCITA/CSC-trained investigators have gone on to solve crimes of terrorism, fraud and computer or network intrusion both in the United States and around the world.

## Integrated End-to-End Solutions

Our experienced cyber team will help you select the right solution and customize it based on your specific needs to stay ahead of emerging threats.

### Intrinsically Secure Architecture.

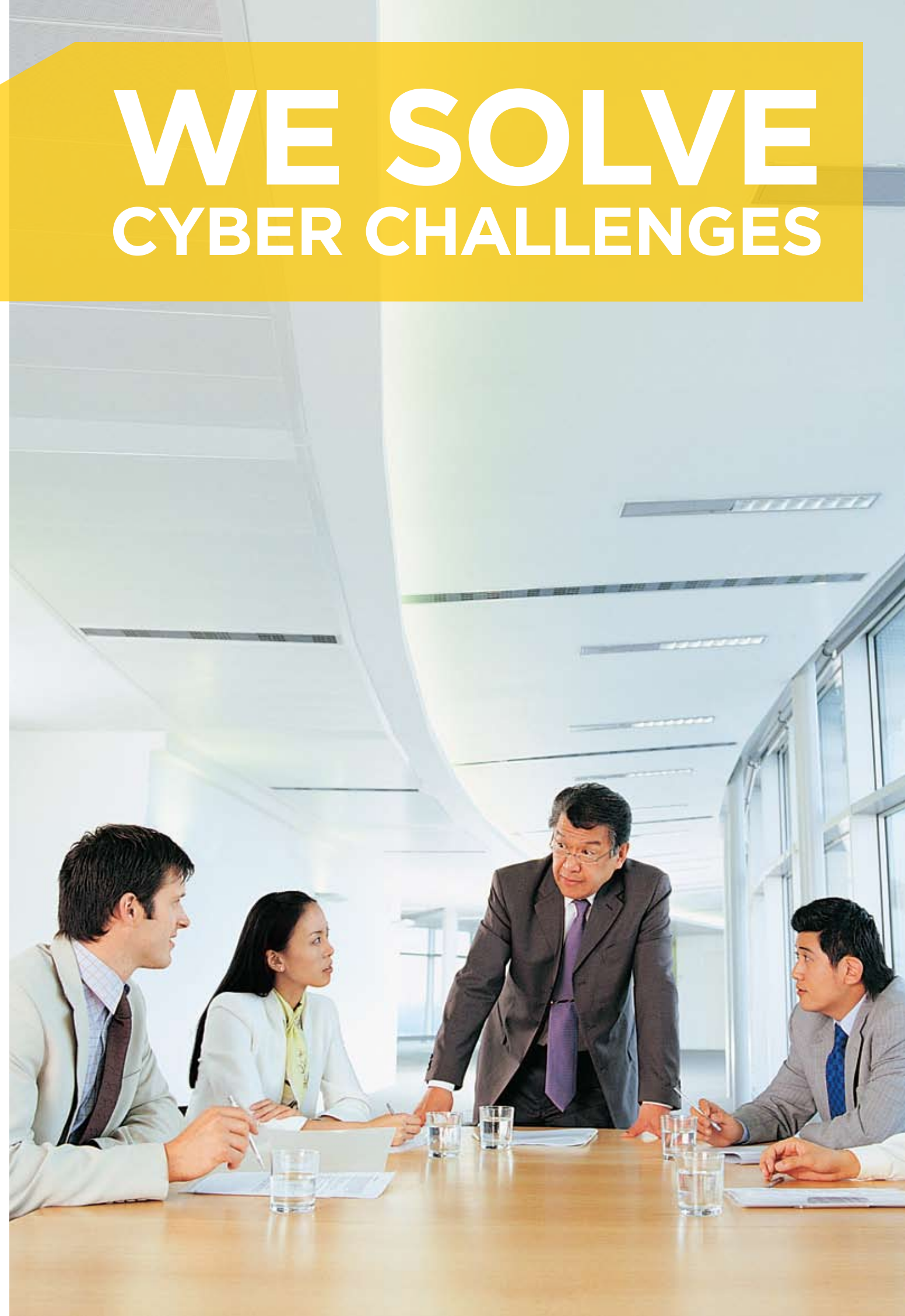
*Establish an infrastructure that is secure based on its design.* CSC uses intrinsically strong architectures and robust security tools that overcome the vulnerabilities of hardware and software, ensuring compliance with security requirements and no single point of failure. Our government and international experience includes working with the intelligence community and a DoD combat support agency that provides intelligence solutions.

### Federated Identity Management.

*Achieve balance between availability and protection.* Our accelerated, operationally-proven solution enables you to fulfill both the business and technical requirements for federation with CSC to access hosted applications, and/or their business partners and other outside parties in a timely and cost-effective manner.

### Cyber Network Warfare Operations.

*Secure your network operations with solutions that meet the specific needs of your organization.* As a client-focused provider, we understand that although everyone operates in the same cyber domain, each customer has unique interests, concerns, tasks and constraints. We provide extensive cyber network warfare operations in the areas of computers, communications, command and control, reconnaissance, surveillance, intelligence and battle damage assessment.





# COMMITTED TO DELIVERING CONFIDENCE

CSC

**Cyber Training, Simulation, Development.** *Provide professional security and training services for your team. Our skilled, qualified and experienced personnel have the security clearances and required certifications to provide high quality cybersecurity training. Our proven expertise includes security and training services through the Defense Cyber Investigations Training Academy and cyber information assurance in the distance learning field.*

**Digital Investigative Services.** *Examine malicious attacks on information systems and the data they contain. The need for digital forensic and investigative services by corporate legal counsel, human resources and IT departments has burgeoned over the past few decades and there are no signs of it letting up. We provide full-scope digital media forensic analysis, defensible investigative strategies, digital media analysis and reporting, malware analysis, incident response support and much more.*

**Global Strikeforce and Red Teaming.** *Test and strengthen your defense, national or industrial base IT infrastructure through our expert knowledge of exploitation and adversary techniques. We conduct penetration testing and vulnerability analysis to expose weaknesses, eliminate vulnerabilities and guard against future attacks. We provide government and commercial entities with classified and unclassified adversarial attack methods, penetration testing, application assessments and vulnerability analysis.*

**Enterprise Cross Domain Service Management.** *Improve IT cost awareness and management. CSC manages all computer resources throughout all security domains, providing true end-to-end event correlation, root cause analysis and management across the entire IT infrastructure. In a multi-level security environment, we integrate continuous network monitoring with the best in help desk response, predictive network loading and analysis, event management and continuous network defense.*

**Business Continuity and Disaster Recovery.** *Provide consistent readiness in business continuity and disaster recovery functionality. Using our results-driven approach of governance, business continuity management and technical disaster recovery, we infuse management's commitment to maintain revenue and brand image in the event of a catastrophic disruption on revenues and brand value, as well as facilitate accountability to stakeholders.*

**Data Loss Prevention.** *Increase customer and shareholder confidence by safeguarding intellectual property, protecting customer data and passing standard audits. CSC discovers and monitors sensitive data and puts in place appropriate mechanisms to protect and monitor that data. Our automated solution supports all regulatory compliance requirements pertaining to the protection of sensitive data for global companies and across many industries.*

**Situational Awareness.** *Enhance your understanding of intruder activity. CSC monitors the environment and provides dashboard metrics to help you understand where vulnerabilities may be present. Our expertise includes unclassified and classified network administration, intrusion detection and predictive analysis, higher-end forensics analysis, reverse engineering and exploitative capabilities.*



BUSINESS SOLUTIONS  
TECHNOLOGY  
OUTSOURCING

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The mission of CSC is to be a global leader in providing technology-enabled business solutions and services.

With the broadest range of capabilities, CSC offers clients the solutions they need to manage complexity, focus on core businesses, collaborate with partners and clients, and improve operations.

CSC makes a special point of understanding its clients and provides experts with real-world experience to work with them. CSC is vendor-independent, delivering solutions that best meet each client's unique requirements.

For 50 years, clients in industries and governments worldwide have trusted CSC with their business process and information systems outsourcing, systems integration and consulting needs.

The company trades on the New York Stock Exchange under the symbol "CSC."