Cyber Security: Defending Your Enterprise
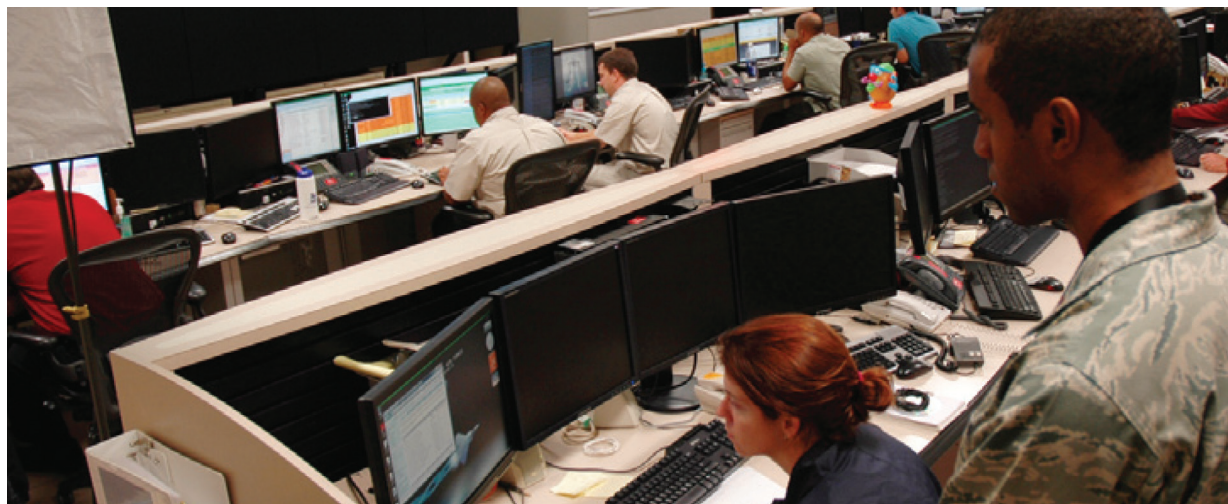
General Dynamics IT defends our Nation's critical cyber resources and networks

Defense-in-Depth Across Your Cyber Security Life-Cycle

Faced with today's intensifying threat environment, where do you turn for cyber security answers you can trust? How do you keep pace with rapidly changing threats, technologies and requirements? How do you choose the best cyber defense? And once in place, how do you know it's working – 24/7?

General Dynamics Information Technology helps you define your cyber security needs and provides the solutions to achieve them. As a leading cyber security integrator, we deliver agile, defense-in-depth solutions geared to your mission and enterprise needs. Our full life-cycle capabilities range from assessments and architectures to operational support to innovation. After decades of proven experience with the defense and intelligence communities, we know how to make cyber security work – reliably, repeatably, measurably and affordably.

Our cyber security solutions have defended the most mission-critical systems, including tactical, cross-domain, large-enterprise and national networks. We use leading edge technology to correlate information on millions of cyber events to identify critical actionable incidents. Currently, the company operates more than 20 security operations centers (SOCs) and 15 critical incident response teams (CIRTs) across government and industry. We also provide proven metrics to measure SOC performance. You know how well your cyber security operations are working and how best to improve them.

Experience Proven on Major Cyber Security Initiatives

General Dynamics Information Technology develops and manages SOCs throughout federal civilian government. Serving 5,000 sites, these include SOCs for the U.S. Department of the Treasury, Internal Revenue Service and Food Safety Inspection Service.

Our cyber security and network operations services support organizations such as the FBI, Federal Energy Regulatory Commission, Veterans Affairs, National Archives and Records Administration, Federal Highway Commission and the International Trade Administration.

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General Dynamics Information Technology is the prime contractor for the IRS's Computer Security Incident Response Center, proactively protecting and responding to threats against the IRS's vast financial records and network since 2006. For the Federal Aviation Administration, we support its migration to a modern, secure communications infrastructure, including enterprise SOC support.

Your Best Defense for the Cyber Challenges Ahead

Our strengths and innovation protect critical networks that are part of your federal enterprise today – and lay the foundation for more resilient cyber defenses in the future.

Cyber Security's Front Lines. Our expert workforce features hundreds of IA professionals with sweeping technical skills, in-depth training and industry-recognized certifications. Those serving the defense community typically have current DoD security clearances or higher. We are also one of the first companies to adopt DoD 8570.01 certifications for IA workforce improvement.

Innovation Reduces Risk. We drive innovations you won't find anywhere else. Our Security Management Operations Approach (SOMA) provides a repeatable, prescriptive framework for implementing and managing an enterprise cyber security operations program. Incorporating ideas and best practices from the IT Information Library (ITIL), CMMI for Services and CERT's Incident Management Capability Metric, SOMA helps ensure effective operations, continuing improvement and comprehensive performance measurement

Meeting Critical Standards. Through our extensive C&A experience, we help you meet the latest security and IA standards. These include FISMA, DIACAP, NIST, ISO and NIACAP, as well as HIPAA, HITRUST and ISO 27799:2008 standards for healthcare. Our specialists monitor and work closely with government cyber security programs, regulatory agencies and standards organizations. We also help you develop continuous compliance monitoring to support timely, affordable audits, C&A and reporting.

Filling Gaps. Our innovative products fill key gaps, providing capabilities that commercial tools may lack.

- *TruDetect:* Network Intrusion Detection System (IDS). TruDetect finds sophisticated threats that signature and behavioral based IDS's miss.

- *Citadel Cyber Targeting and Analysis Tool.* Citadel creates models that help senior managers make smart decisions on complex, high priority operational programs.

- *Specialized Tools.* We provide proven assessment, C&A and policy automation tools, plus customized tools for network defense and analysis.

- *Security Vulnerability Management Tool (SVMT).* Developed for the U.S. Citizenship and Immigration Services (USCIS), SVMT automates the aggregation and filtering of vulnerabilities from 350 field offices, 100 information technology systems and 40 applications. SVMT was a key component in raising the USCIS's FISMA score from a failing grade to an "A".

Respond Agilely, Defend Globally. Reduce your risk in an uncertain world. With cyber security solutions from General Dynamics Information Technology, you will respond agilely to the threats ahead as you defend your enterprise network around the globe.

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About General Dynamics Information Technology

As a trusted systems integrator for more than 50 years, General Dynamics Information Technology provides information technology (IT), systems engineering, professional services and simulation and training to customers in the defense, federal civilian government, health, homeland security, intelligence, state and local government and commercial sectors. With approximately 21,000 professionals worldwide, the company delivers IT enterprise solutions, manages large-scale, mission-critical programs and provides mission support services. General Dynamics Information Technology is one of four business units of the General Dynamics Information Systems and Technology business segment. Headquartered in Fairfax, Va., General Dynamics Information Technology has major offices worldwide.

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