

Powerful Cyber Products
Expert Cyber Services
Unified Cyber Solutions



SIXGEN Cybersecurity Capabilities and Services

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SIXGEN

CMMC RPO Certified

1 SIXGEN Background

SIXGEN is a premier cybersecurity assessments provider with full-time operations professionals across the United States. As a GSA Schedule 70, Highly Adaptive Cybersecurity Services prime contract holder (47QTCA18D0019), SIXGEN has successfully completed technical evaluations in Risk and Vulnerability Assessments, High Value Asset Assessments, Cyber Hunt, Incident Response and Penetration Testing. SIXGEN has over \$500,000 in reported sales through GSA IT Schedule 70, with a satisfactory contract performance rating among Government clients. SIXGEN is one of few cyber assessments providers that has continual performance in both Government and Commercial sectors--offering a relevant vantage point for US Government clients.

- ✓ Full-time cyber operations staff
- ✓ Geographically distributed personnel
- ✓ Dedicated assessment Project Coordinator
- ✓ Remote or on-site internal pen test options
- ✓ Timely and comprehensive reporting
- ✓ GSA HACS Verified Vendor (all subcategories)
- ✓ Over 7 years experience in Government red team
- ✓ Over \$500,000 in sales on HACS
- ✓ APT-level, real-world attack simulation experts
- ✓ Industry-certified professionals

SIXGEN's Cybersecurity Resilience Assessment team traverses over 100 different organizations and networks per year. We support up to five concurrent risk and vulnerability assessments, penetration tests, or red team operations on any given day across the United States and Europe. SIXGEN's real-world adversarial attack simulations assess and improve the effectiveness of your network safeguards. Our red teams' penetration tests uncover weaknesses before they can be exploited, and comprehensive assessments result in timely reports consisting of both vulnerabilities and threat analyses. This allows your team to prioritize remediation efforts with clear documentation.

2 Capabilities

CNO Development

SIXGEN CNO programmers develop technologies to defend and exploit. We use agile methods to design, develop, test, and deploy hardware/software solutions. New tools resulting from R&D are in play to enhance the cyber mission across the US Government.

Cyber Resilience Assessments (Red Team)

Our real-world adversarial attack simulations assess and improve the effectiveness of your network safeguards. Our red teams' penetration tests uncover weaknesses before they can be exploited. Assessments result in timely reports. We offer Vulnerability Scanning; Phishing/Vishing Assessment; Wireless Assessment; Web Application Assessment; Operating System Security Assessment; and Database Assessment.

Table 1. Red Team Assessment Tools Used by SIXGEN

Languages/ Virtualization	Operating Systems/Distros	Tools/Frameworks	Kits/IDE	Other
C++	Ubuntu	Puppet/Chef	Eclipse	Metasploit
VHDL	CENTOS	Jenkins	VMM	BEEF
RCC	RHEL	Burpsuite	SQL (My/MS)	Wireshark
C#	BlackArch	Faraday	Cain & Able	PFsense (sensor)
Java	VXWorks	EvilGrade	Kali	Empire
Javascript	TinyOS	COBALTSTRIKE	Autopsy	Pig
Python	UCLinux	ARCHSTRIKE	Hashcat	Aircrack-NG
Ruby	RTLlinux	Routersploit	PFTools	SPARTA
Ruby on Rails	Git/Labs	RTOS (many)	Android SDK	DNSChef
PHP	BlackBuntu	Webgoat	Maltego	Dshell
IOS	Kali	OpenCPI	Django	GNURadio
VMWare	Pentoo	ZedAttack	TRON	Kismet
QEMU/KVM	Blackbox	REDHAWK	Powershell Empire /MimiKatz	Cyberchef

3 Past Performance

SIXGEN has a diverse portfolio and a reputation of providing red team assessment services and solutions across Federal agencies, Department of Defense (DoD) service elements, and Global 2000 commercial clients. SIXGEN has the projects below as a prime contractor. SIXGEN has planned, executed and managed Red Team and extensive cybersecurity assessments for the following programs.

- Large Federal Cybersecurity and Critical Infrastructure organization
 - Red Team Assessments for Federal/State/Local/Tribal organizations
 - Black box style assessment are 3 months each supported by four personnel
 - Development and delivery of custom red team tools and exploits
 - 4 year contract
- Office of Secretary of Defense, Operational Test and Evaluation
 - NSA certified Red Team assessments for Intelligence Community and military service elements
- Commercial Red Team assessments
 - National transportation and rail service companies
 - Global banking and financial industry
 - Medical and IoT device manufacturing