

# SECURITY SOLUTIONS

## The Most Comprehensive Suite of Security Services and Solutions in the Market

With a full suite of service capabilities, Optiv is positioned to help you define your strategy, identify threats and risks and help you deploy the right technology to secure your business. Our services are targeted to meet your specific information security project needs or address your organization's broader strategic requirements.

## SECURITY PROGRAM STRATEGY

The evolving threat landscape continues to elevate information security priority and visibility within organizations. For security leaders, it is imperative to align operational excellence and security priorities, meet business objectives and articulate a clear vision of how the security program maps to the realities of the business. By leveraging Optiv's security program strategy services, you will be better equipped to plan, build and run a business aligned and threat aware security program.

Security Strategy and Program Architecture		
Security Program Assessment, Consulting and Oversight	Security Program Architecture, Evaluation and Implementation	Enterprise Risk Management Integration and Implementation
Privacy Assessment and Readiness Services	Executive Consulting and Staffing - vCISO, vDPO Services and Support	

## RISK AND COMPLIANCE MANAGEMENT

Our security risk and compliance management services are designed to address regulatory requirements, industry standards and security program goals to efficiently measure and manage ongoing risk and compliance initiatives. We can also augment your staff with our resident advisors to help accomplish your daily objectives. Our expert consultants provide the following:

Risk and Compliance Management	
Information Risk Management	
<ul style="list-style-type: none"> <li>Information Risk Assessments (ISRA)</li> <li>Control Framework Assessments and Implementation - NIST, COBIT, ISO, CSC, HIPAA</li> <li>Policy and Standards Development Aligned with Control Frameworks</li> <li>Staff Augmentation Services</li> </ul>	<ul style="list-style-type: none"> <li>EGRC Program Development, Tool Evaluation and Implementation Services (<i>RSA, Lockpath, MetricStream, RSAM</i>)</li> <li>Third-Party Risk Management Program Assessment, Discovery and Analysis, Risk Assessment and TPRM-as-a-Service enabled by Optiv Evantix</li> </ul>
Compliance	
<ul style="list-style-type: none"> <li>Compliance Readiness Assessment - PCI, Experian EI3PA</li> <li>Compliance Audit/Assessment - PCI, EI3PA</li> </ul>	<ul style="list-style-type: none"> <li>Compliance Mandated Services - ASV</li> <li>General Compliance Consulting, Staffing and Support</li> </ul>

## CLOUD SECURITY

As public, private and hybrid cloud environments gain traction among enterprises looking to scale and achieve agility and flexibility, organizations must understand the associated risks and responsibilities and apply a holistic cloud security program across their enterprise. Optiv can help you define, architect and operate cloud security at scale so you can grow your organization with confidence. Our comprehensive suite of cloud security solutions provides you the tools to develop, enhance and mature your cloud security program.

Available Services	
<ul style="list-style-type: none"> <li>Cloud Security Strategy and Architecture (<i>private, hybrid or public AWS/Azure cloud environments</i>) <ul style="list-style-type: none"> <li>Embedded Cloud Security Architecture Team</li> <li>Microsoft Office 365 Security Assessment</li> <li>Micro Service and Container Security Strategy (<i>Docker</i>)</li> </ul> </li> <li>Cloud Access Security Broker Services</li> </ul>	<ul style="list-style-type: none"> <li>Implementation and Integration Services (<i>Palo Alto Networks, VMware, Symantec Elastic, Netskope</i>) <ul style="list-style-type: none"> <li>Embedded Cloud Security Architecture Team</li> </ul> </li> <li>Program Governance and Managed Cloud Security Services (<i>Armor</i>)</li> </ul>

# APPLICATION SECURITY

Optiv provides a comprehensive suite of application security solutions to help clients secure their software development program and reduce risk around third-party applications. Our team of experts goes beyond discovering and remediating software vulnerabilities and can design an application security program tailored for your organization , with a field-tested methodology, that includes deep application profiling, threat analysis, software scanning, and sophisticated code analysis.

Available Services	
<ul style="list-style-type: none"><li>• Web Application Assessments</li><li>• Mobile Application Assessments</li><li>• Threat Modeling</li><li>• Web Application Penetration Testing</li><li>• DevOps Security and Automation</li></ul>	<ul style="list-style-type: none"><li>• Code Review</li><li>• SDL/SDLC Review and Implementation</li><li>• Smoke Testing</li><li>• Architecture and Secure Design</li></ul>

# IDENTITY AND ACCESS MANAGEMENT

We offer comprehensive, integrated IAM solutions to address all of your identity needs. Our IAM solutions advisors leverage a suite of services that includes workshops and assessments, implementation and integration and program governance, as well as technologies developed by Optiv and leading IAM vendors. Our goal is to create customized solutions that help you plan, build and run strategic IAM programs. Our dedicated team of IAM experts deliver the following services:

Available Services	
Strategic Consulting	
<ul style="list-style-type: none"><li>• Strategy Workshop</li><li>• Identity Centric Security Workshop</li><li>• Program Assessment</li><li>• Role Assessment</li></ul>	<ul style="list-style-type: none"><li>• Compliance Identity Management Readiness Assessment</li><li>• Technology Health Checks (<i>BeyondTrust, Ping Identity, RSA, CyberArk, SailPoint, Okta, Lieberman Software</i>)</li><li>• Program Governance</li></ul>
Technology Selection and Sourcing	
Implementation and Integration Services	
<i>(Ping Identity, RSA, CyberArk, SailPoint, Lieberman Software, BeyondTrust, Okta, SecureAuth, STEALTHBits, Varonis and Microsoft FIM/MIM)</i>	
<ul style="list-style-type: none"><li>• Architecture Development and Design Support</li><li>• Product Installation</li><li>• Implementation and Engineering Support</li></ul>	<ul style="list-style-type: none"><li>• Customization Management</li><li>• Staff Augmentation</li><li>• Quick Start Implementations <i>(only Ping Identity, RSA, CyberArk, Okta, SecureAuth)</i></li></ul>
Optiv Developed Technology	
<ul style="list-style-type: none"><li>• Vendor Integrations<ul style="list-style-type: none"><li>• Ping Identity Integration Kits: <i>SiteMinder, Axiomatics, HitachiID</i></li><li>• RSA SecureID Suite Integration Kits: <i>CyberArk, Microsoft Office 365</i></li><li>• Identity Centric Security Integrated Solutions: <i>Ping Identity, Netskope</i></li></ul></li></ul>	<ul style="list-style-type: none"><li>• Migration Tools<ul style="list-style-type: none"><li>• Legacy WAM (<i>Oracle Access Manager and Siteminder</i>) to PingAccess</li></ul></li><li>• Extensions and COTS Enhancements<ul style="list-style-type: none"><li>• RSA SecureID Access Manager and L&amp;G Custom Integration and Extensions</li></ul></li><li>• Unix Access Governance Tool</li></ul>

# SECURITY OPERATIONS

The evolving threat landscape means organizations are increasingly investing in advanced security technologies to effectively predict, prevent, detect and respond to threats. Having a trusted partner that can help with the management, monitoring and orchestration of these disparate tools is a growing necessity, especially given the industry talent shortage. Optiv has the partnerships, teams, skills and services to help our clients with all areas of their security operations.

Managed Security Services		
<ul style="list-style-type: none"><li>Authorized Support (<i>Check Point, F5 Networks, Fortinet, McAfee, Juniper Networks, Palo Alto Networks, Pulse Secure, Symantec</i>)</li><li>Device Management (Firewall, Next Generation Firewall, Unified Threat Management, Network Intrusion Detection and Prevention, SSL VPN, Web Application Firewall, Load Balance, Web Proxy)</li><li>Co-Managed SIEM</li><li>Security Monitoring</li><li>Managed Vulnerability Services</li><li>Managed Endpoint Protection Platform</li></ul>		
Managed Detection and Response		Managed Threat Intelligence
<ul style="list-style-type: none"><li>Managed Endpoint Detection and Response</li><li>Managed Network Detection and Response</li></ul>		<ul style="list-style-type: none"><li>GTIC Services</li><li>Cyber Threat Intelligence as a Service (<i>IntSights</i>)</li></ul>
Security Awareness Training		
<ul style="list-style-type: none"><li>eLearning</li></ul>		
Enterprise Incident Management		Next-Gen Security Operations
Prepare: Plan and Build	Respond: During/Post Incident	<ul style="list-style-type: none"><li>Next-Gen SOC Consulting Services</li><li>Orchestration and Automation Solutions</li></ul>
<ul style="list-style-type: none"><li>Cyber Threat Intelligence Program Workshop</li><li>Cyber Threat Intelligence Consulting</li><li>Strategy/Program Development</li><li>Incident Response (IR) Planning and Readiness</li><li>Incident Management Playbooks</li><li>IR Tabletop Exercises</li><li>IR Training</li><li>IR Retainer</li><li>Threat Hunting</li></ul>	<ul style="list-style-type: none"><li>Incident Response</li><li>Threat Hunting</li><li>Forensics</li><li>Malware Reverse Engineering</li></ul>	
	Maintain: “Always On”	
<ul style="list-style-type: none"><li>Experts On-Call and Available 24X7</li><li>Incident Response</li><li>Threat Hunting</li></ul>		
Attack and Penetration		
Vulnerability Assessment Services		Penetration Testing Services
<ul style="list-style-type: none"><li>Public Information Profile</li><li>Vulnerability Scan</li><li>0-Day Vulnerability Detection</li><li>Vulnerability Assessment</li></ul>	<ul style="list-style-type: none"><li>Social Engineering Assessment</li><li>Wireless Security Assessment</li><li>Voice Over IP Assessment</li><li>War Dialing Assessment</li><li>Physical Security Assessment</li></ul>	<ul style="list-style-type: none"><li>Targeted Penetration Test</li><li>Comprehensive Penetration Test</li><li>Physical Security Penetration Test</li><li>Product Penetration Test</li></ul>
		Breach Simulation Services
		<ul style="list-style-type: none"><li>Remote Breach Simulation</li><li>On-site Breach Simulation</li></ul>

# FOUNDATIONAL SECURITY

Through thousands of engagements with clients from across vertical industries, our highly skilled teams navigate complex environments applying proven methodologies and industry best practices to help ensure invested technologies are optimized for full utilization. With our expertise, experience, business-driven approach and client-first culture, you can rest easy knowing you have a solid foundation for your overall security program. We offer deep and diverse skills, significant expertise in testing and deploying nearly any technology, and a unique ability to help you select the right solution for your environment. Our organization has established Centers of Excellence to provide superior service across the following domains:

Application Security	Data Security	Endpoint Security	Network Security	Security Intelligence
<ul style="list-style-type: none"> <li>• Application Performance</li> <li>• Application Security</li> <li>• Email Security</li> <li>• Web Security</li> <li>• Web Application Firewall</li> </ul>	<ul style="list-style-type: none"> <li>• DLP</li> <li>• Database Encryption</li> <li>• Database Protection</li> <li>• PKI</li> </ul>	<ul style="list-style-type: none"> <li>• Endpoint Suites</li> <li>• Advanced Malware Protection</li> <li>• Application Control</li> <li>• Encryption</li> <li>• Host IPS</li> <li>• Asset Management</li> <li>• Vulnerability Management</li> </ul>	<ul style="list-style-type: none"> <li>• Firewall</li> <li>• DNS/DHCP/IPAM</li> <li>• Mobile Device Management</li> <li>• Network Access Control</li> <li>• Network IPS</li> <li>• Network Malware Protection</li> <li>• Wireless</li> </ul>	<ul style="list-style-type: none"> <li>• SIEM and Logging</li> <li>• Search and Analytics</li> <li>• Threat Intelligence</li> <li>• Behavioral Analytics</li> <li>• Network Security Monitoring</li> </ul>

## Available Services

<p><b>Identification and Selection</b> Determine the most appropriate technology for your dynamic business and technical requirements.</p> <p><b>Proof of Concept</b> A limited implementation into your testing environment to validate product features and functionality, and to gain hands-on experience prior to your implementation.</p> <p><b>Design</b> Optimize system configuration with our technology implementation design. We can also assist with your wireless design needs by conducting a wireless site survey.</p> <p><b>Quick Start</b> Deploy new technologies into your existing environment using a standard Quick Start configuration.</p>	<p><b>Implementation</b> Full integration services that include custom configurations, documentation and knowledge transfer.</p> <p><b>Upgrade</b> Upgrade or replace your existing hardware or software with the latest version to improve functionality and stability.</p> <p><b>Migration</b> Seamlessly move from your existing platform to your new technology, and receive documentation and knowledge transfer.</p>	<p><b>Health Check</b> A high-level review of your current technology solutions complete with recommendations for improvement.</p> <p><b>Optimization</b> Increase effectiveness of your equipment through our technology specific optimization services that include recommendations on operational process, personnel, training and configuration.</p> <p><b>Integration</b> Integrate two or more different products to work together synergistically, improving your overall security posture.</p>	<p><b>Technology Support</b> Frontline technology product support from our highly skilled, certified security engineers that act as a single point of contact for troubleshooting issues related to your security devices. (Blue Coat, Check Point, F5, Fortinet, McAfee, Juniper Networks, Palo Alto Networks and Pulse Secure)</p> <p><b>Resale</b> Our unique industry view provides insight into the technologies that best fit your situation, and our continuum of services complements your chosen technologies throughout their entire lifecycle.</p>
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## Professional Development Training

Optiv provides instructor-led professional development training to help our clients improve data security and maximize ROI on technology investments. Our instructors prepare students for certification testing and deliver real-world, unbiased multi-vendor optimization strategies that can be implemented on day one. Our training courses include the following industry-leading technology solutions: 7Safe, Blue Coat, Check Point, F5 Networks, Palo Alto Networks, CISSP

## Supported Technology Partners

