

Cisco Security Optimization Service



Cisco Security Optimization Service – Overview

An employee attempts to access a video from his mobile device and can't. Perhaps an intrusion prevention rule is blocking all video. The employee is also blocked from accessing email. Frustrating! These are just two of the issues that can arise if corporate security policy has been misapplied.

Over time, your original security strategy, plan, products, and policies may no longer provide either the business access or the protection you need. If only your organization had a way to keep security strategy, designs, and operations up to date, fine-tuned, and firing on all cylinders!

Keep Up with Security in a Constantly Changing Environment

Your organization constantly faces security issues as your workforce, technologies, and regulations change. And, as network perimeters dissolve, security considerations and concerns change. How do you determine the security risk of moving to the cloud? With more devices accessing your network, is your corporate mobile device security policy adequate and effective? If you make changes to your network, will you compromise reliability or security? And with IT resources maxed out, how can you handle these constant security changes?

The Cisco® Security Optimization Service helps you address these challenges. We look at your business goals in the context of your compliance requirements, mobile worker program, branch locations, and plans for implementing new technology. Our comprehensive service combines strategy, assessments, support, and learning activities in to one package. Our ongoing support can help you evolve and improve your security posture, policies, and the effectiveness of your security infrastructure.

And partnering with our security experts will give you access to a wealth of knowledge and best practices, quarterly site visits, and regular analysis. Our team will also help you implement new technologies, such as cloud and virtualization, more securely, and work with you to manage risks and threats to help you meet evolving compliance requirements. Cisco Security Optimization Service takes into consideration:

- **Improving security** – Understand vulnerabilities in your security and networking infrastructure to help you achieve expected levels of protection
- **Compliance policies** – Evolve your network security as you add new applications and technologies while still complying with policies and regulations
- **Public clouds** – Understand what changes are needed to promote security when your people, applications, and data connect to third-party clouds
- **Branch offices** – Implement highly secure payment processing or other data transit between your locations
- **Working more securely in new ways** – Protect information and critical data while people use social networking and collaboration, instant messaging, screen sharing, web conferencing, and shared workspaces
- **Mobility** – Allow users to access data more securely from any device, anytime, anywhere

Expand Your Resources with Professional Service

Our team will work with you to develop an end-to-end view of your security architecture. We will partner with you to determine the best approaches on improving system design, identifying vulnerabilities, reducing performance issues, and supporting new business requirements. We will also help you implement new technologies more securely.

The Cisco Security Optimization Service provides you with support in four areas:

1. **Strategy and Planning:** We help you develop a risk management strategy and security policy so you can protect company resources while providing your customers, vendors, and employees with highly secure access from anywhere using any device.
2. **Periodic Assessments:** We conduct assessments and analyze security gaps providing you with recommendations on how to address these gaps.
3. **Ongoing Optimization Support:** We provide ongoing, expert advice as you develop and validate your security plans.
4. **Ongoing Knowledge Transfer:** We provide informal sessions to build your IT staff's security knowledge.





The services are more fully described in Table 1.

Table 1. Types of Support Provided by Cisco Security Optimization Service

Security Strategy and Planning	
Risk management strategy and security policy	Based on a security assessment, develop a security strategy and policy to meet your business and IT goals
Periodic Assessments	
Security Technology Readiness Assessment	Assess current network and security technologies and provide recommendations for the security strategy based on assessment findings
Network Device Security Assessment	Analysis of network device configurations focused on security hardening of the individual devices relative to Cisco security best practices
Security Posture Assessment	Point-in-time assessment of the risk posed to an organization by vulnerabilities present in the organization's IP-networked systems and security control
Security Architecture Assessment	Assess the effectiveness of the Network architecture in protecting identified business critical assets from a specific set of threats across many infrastructure domains
Collaboration Security Architecture Assessment	Assess the effectiveness of the unified communications and/or unified contact center architecture in protecting identified business critical assets from a specific set of threats across many infrastructure domains
Ongoing Optimization Support	
Security Strategy and Planning Support	Provide strategic and tactical guidance via a series of meetings or workshop around a customer-selected security topic
Design Review and Support	Review security design requirements and provide support for incremental changes to the security architecture
Design Development Support	Assist in developing a high-level security design
Validation and Testing Support	Execute network tests of Cisco security solution for you
Performance Tuning	Analyze device configurations and policy implementation and compare them to Cisco leading practices
Change Support	Review proposed changes, implementation plans, test plans, and rollback plans for your advanced security technologies
Network Consulting Support	Designated engineer to support customer identified security projects
Ongoing Flexible Support	Security support for what you need, when you need it

Ongoing Knowledge Transfer	
Remote Knowledge Transfer	Consult with you to identify requirements and topics for informal training sessions
Proactive Software Recommendation	Provide proactive software recommendations that evaluate and identify the current network security software's ability to meet current and future requirement
Software Security Alert	Proactive analysis of security advisories Cisco generates that may impact the customer network and actions necessary to protect the network
Security Knowledge Service	Access to security knowledge and information through secure web-based portal

Why Cisco?

Cisco has the expertise and global reach to conduct a comprehensive and knowledgeable examination of your security environment. Cisco has over fifty million devices in use worldwide. You benefit from global best practices and the largest database of validated designs based on internal Cisco resources and expertise.

With our deep security expertise and broad ecosystem of partners, we help you to successfully manage risk. Are you looking to seize new opportunities? Meet rising customer expectations? Improve operational efficiency to lower costs or accelerate growth? We have a service that can help you.

Next Steps

Connect with Cisco Security Optimization Service specialists to learn more or visit <http://www.cisco.com/web/services/index.html>.