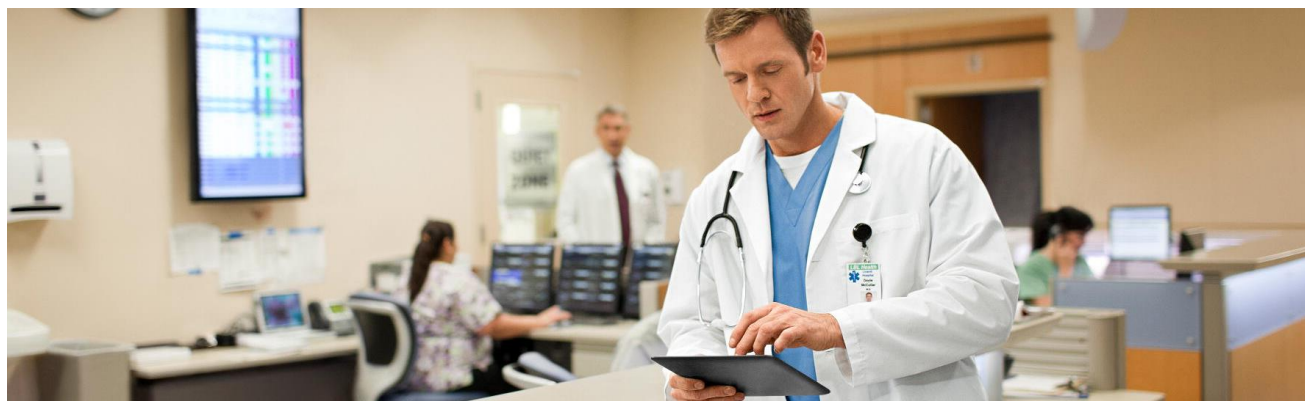


Cisco HIPAA Security Assessment Services

Helping customers safeguard patient data and achieve compliance



Healthcare organizations are realizing the benefits of providing care givers with access to electronic medical records, patient health information and other critical healthcare applications on a variety of devices. While improving patient outcomes and reducing costs, providing electronic access to patient information presents a new set of challenges in addressing the stringent requirements set forth by the Health Insurance Portability & Accountability Act (HIPAA) Privacy and Security Rule requirements for protecting sensitive data that travels across the network.

As the worldwide leader in providing networking and security solutions for healthcare organizations, Cisco Systems® is in a unique position to help healthcare organizations take advantage of Internet technology and help prepare to address HIPAA security requirements. As a result, Cisco has created a set of customizable services to assess the existing security posture of the network, identify gaps in security controls deployed to protect electronic Protected Health Information (e-PHI) assets, and understand the vulnerabilities existing in health IT systems. Cisco offers the following services to help address vulnerabilities and provide remediation steps to help close the identified gaps:

HIPAA Security Rule Assessment Service

- Cisco can provide a comprehensive HIPAA Security Rule Assessment by compliance experts from the Cisco Healthcare Services Team and Cisco IT Governance, Risk, and Compliance (ITGRC) team. Cisco healthcare compliance experts have backgrounds in protecting e-PHI data for several medium and large healthcare environments.
- The Cisco HIPAA Security Rule Assessment service provides analysis and evaluation of the organization's readiness to meet HIPAA compliance requirements. Cisco will identify gaps that must be addressed and make recommendations for resolving problems and building the controls and documentation necessary. Cisco can also provide ongoing assistance to maintain compliance after the completion of the audit.

Cisco Security Design Assessment for Healthcare (SDA)

- This service provides a comprehensive, vendor-agnostic assessment of the network and security infrastructure, based on the Cisco Security Control Framework (SCF) for Healthcare. The framework is consistent with international standards for healthcare security, including the ISO 27000 series (27799), NIST 800-66 (HIPAA), PCI-DSS and ISO 80001.
- This assessment evaluates the capabilities of the network infrastructure to protect an identified business-critical asset and provides a set of recommendations to remediate the risk to the identified asset. The recommendation includes improvements to operations, processes, topology, protocols, device configurations, and security controls.

Cisco Security Posture Assessment for Healthcare (SPA)

- As requirement under many healthcare and government regulations, the security posture assessment monitors the current state of the organization's vulnerabilities, allowing it to prioritize remediation activities based on available resources and risks to healthcare infrastructure. The Cisco SPA Service provides a point-in-time validation of how

effectively the organization’s security controls have been implemented and are being operated. By emulating typical malicious activities using nondestructive means, Cisco identifies the presence of vulnerabilities in the healthcare IT network, wireless, and physical infrastructure.

- Cisco will assess, prioritize, and make recommendations regarding the identified vulnerabilities and the risks they present to the healthcare information assets, infrastructure and business. Cisco probes the IT infrastructure from the interior and perimeter, surveys and maps the wireless network, and attempts to engineer its way into the facility. This analysis is done in a safe and controlled manner simulating activities typical of malicious attackers.

Compliance Support Services

Cisco provides support services to help design and implement security solutions to address HIPAA compliance requirements and also support ITGRC requirements of the organization.

Cisco IT Governance, Risk, and Compliance Service for Healthcare (ITGRC)

- Cisco ITGRC service can provide policy and standards guidance for healthcare organizations. The consultants can be engaged to formulate, or suggest enhancements to, policies and procedures required for healthcare organizations. Based on reviews of current information security policies and procedures, meetings and interviews with customer management, clinical and IT staff, and SMEs, and guidance from healthcare and industry regulations, a control matrix is created identifying risks, applicability (time), control, and what asset(s) would provide risk mitigation., leading to creation of technical controls required in the organization and recommended modification of security policies.
- Cisco can provide ongoing policy and compliance support for your organization using the Cisco Connected Health Optimization Service. Cisco healthcare compliance consultants can be engaged to support ongoing compliance efforts in your organization to provide best practice guidance around people, process, and technology.

Cisco Security Planning, Design, and Implementation Services for Healthcare (PDI)

- Cisco Advanced Services and Partners can help your organization to remediate gaps in compliance using Cisco security solutions and products. Cisco security experts with deep healthcare solution knowledge can help you understand the gaps and design solutions to address them. Cisco or a Partner can help configure and implement solutions.
- Cisco Medical Grade Network Architecture (MGN) is a set of Cisco recommended guidelines for building an optimal, secure healthcare network. Cisco Security Control Framework for Healthcare is a comprehensive framework for designing and implementing security controls to address security and compliance requirements of e-PHI.

FOR MORE INFORMATION

Cisco Connected Health Solutions: <http://www.cisco.com/web/strategy/healthcare/index.html>

Cisco Services for Connected Health: <http://www.cisco.com/web/strategy/healthcare/connectedhealth/index.html>

Cisco ITGRC Solutions: http://www.cisco.com/web/CA/products/services/ps10372/serv_home.html

Cisco Medical Grade Network: http://www.cisco.com/web/strategy/healthcare/cisco_medical-grade_network.html

For further information contact: connected-healthcare@cisco.com



Corporate Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters

Cisco Systems Europe
11 Rue Camille Desmoulins
92782 Issy-Les-
Moulineaux Cedex 9
France
www-europe.cisco.com
Tel: 33 1 58 04 60 00
Fax: 33 1 58 04 61 00

Americas Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Pacific Headquarters

Cisco Systems Australia, Pty., Ltd
Level 9, 80 Pacific Highway
P.O. Box 469
North Sydney
NSW 2060 Australia
www.cisco.com
Tel: +61 2 8448 7100
Fax: +61 2 9957 4350

Cisco Systems has more than 200 offices in the following countries and regions. Addresses, phone numbers, and fax numbers are listed on the

Cisco Web site at www.cisco.com/go/offices.

Argentina • Australia • Austria • Belgium • Brazil • Bulgaria • Canada • Chile • China • Colombia • Costa Rica • Croatia • Czech Republic Denmark • Dubai, UAE
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