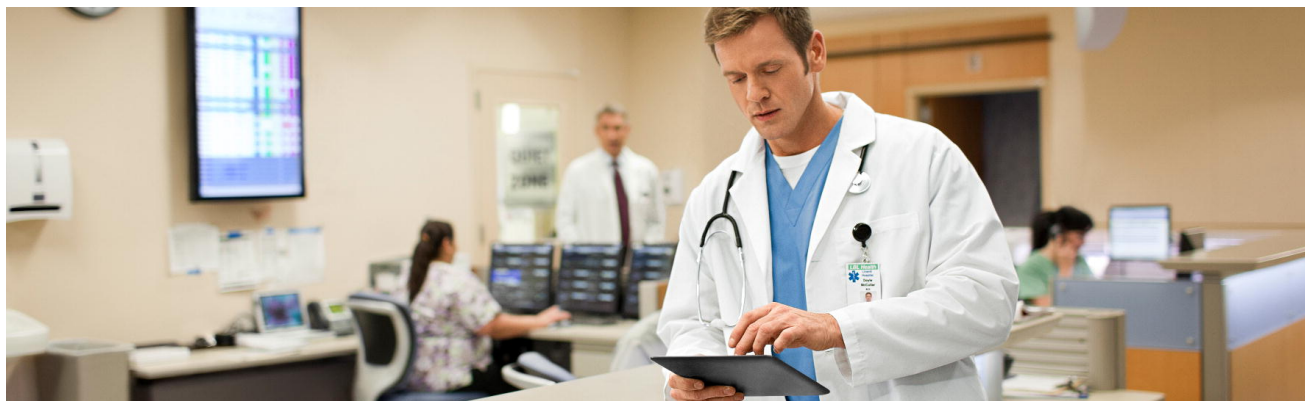# Cisco HIPAA Security Assessment Services
Helping customers safeguard patient data and achieve compliance

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 care and reducing costs, providing electronic access to patient information presents a new set of challenges in addressing the stringent requirements required by the Health Insurance Portability & Accountability Act (HIPAA) Privacy and Security Rule requirements for protecting sensitive data that travels across the network.

As a 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 evolving technology and 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:

Cisco Security Design and Compliance Assessment for Connected Health (CH-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 e-PHI and provides a set of recommendations to remediate the risk to the identified e-PHI. The recommendation includes improvements to operations, processes, topology, protocols, device configurations, and other security controls.
- Cisco provides a comprehensive HIPAA Security Rule Assessment as part of the service by compliance experts from the Cisco Healthcare Services Team and Cisco IT Governance, Risk, and Compliance (ITGRC) team. Cisco healthcare compliance experts have background in helping medium and large healthcare organizations protect e-PHI. Cisco will identify gaps that should be addressed and make recommendations for resolving them and building the controls and documentation necessary.

Cisco Security Posture Assessment for Connected Health (CH-SPA)
- As required 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.
- 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

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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 recommended technical controls and modifications of security policies.

Connected Health Compliance and Configuration Management (CHCCM)
- As part of the Cisco Connected Health Optimization Service (CCHO), this service allows you to understand and control regulatory, commercial, and organizational compliance across your network, enabling you to achieve and then maintain ongoing network compliance. With smart automation capabilities for compliance and configuration management, software image management and workflow controls, you gain visibility into the environment to strategically address expanding compliance and change, reduce risk, resolve issues faster, and achieve the highest levels of efficiency. Cisco healthcare compliance consultants and clinical technology experts can be engaged to help ongoing compliance efforts through 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 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 (SCF) is a comprehensive framework for designing and implementing security controls to address security and compliance requirements of e-PHI.

FOR MORE INFORMATION

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
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