




Managed Solutions  
for Healthcare

**Improve Network Security, Patient Data  
Protection, and Regulatory Compliance**

 **Learn More:** Call us at **877.634.2728**

[www.megapath.com](http://www.megapath.com)

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## MegaPath's Managed Security for Healthcare

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Healthcare IT is undergoing a massive shift in structure and compliance standards. Hospitals and clinics that have already implemented electronic medical record or electronic health record (EMR/EHR) systems are now contending with new HIPAA logging requirements under the HITECH Act. Healthcare organizations that are still in the planning or implementation stages for EMR/EHR systems are now juggling that implementation with new compliance requirements and Meaningful Use guidelines.

A breach of Protected Health Information can result in serious financial consequences, loss of patient trust, and burdensome remediation efforts for your organization. Yet the regulatory and compliance requirements for the healthcare industry continue to expand rapidly and it can be difficult for even the best IT teams to keep up with the latest requirements and solutions for meeting those mandates.

MegaPath Managed Security Services for Healthcare are designed to assist healthcare delivery organizations in meeting HIPAA standards, including those imposed under HITECH. If your organization also requires compliance with the Payment Card Industry Data Security Standard (PCI DSS) and the Health Information Trust Alliance (HITRUST) Common Security Framework (CSF), MegaPath Managed Security Services deliver essential capabilities for meeting those standards.

Whether based in the MegaPath cloud or in your premises, our Managed Security Services provide a comprehensive, multi-layered approach to network security that helps protect your systems and patient data while maintaining security compliance. Our Security-as-a-Service (SaaS) offerings work together as a security best practice to reduce the risks associated with blended network attacks, as well as to coordinate security alerting, logging, reporting, compliance, and response activity.

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## Security Services to Address HIPAA Technical Safeguards

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The MegaPath Security Services incorporate comprehensive Unified Threat Management (UTM) services that address many of the technical safeguards defined in the HIPAA rules. MegaPath UTM services include Advanced Firewall, Intrusion Prevention, Antivirus, Web Filtering, Anti-spam, Web Application Control, and Data Leak Prevention. All MegaPath UTM services can be fully implemented in the cloud, on your premises, or in a hybrid configuration to provide defense-in-depth security.

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## Security and Process Monitoring Based on Best Practices

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Healthcare organizations need to rigorously monitor the security of their networks and host systems from a regulatory perspective, and from the perspective of security best practices. Your team also needs to continuously identify and assess new IT threats and vulnerabilities to stay ahead of security risks.

MegaPath offers several managed solutions to support these efforts including Managed Logging with real-time log review, File Integrity Monitoring for servers and critical endpoints, and Vulnerability Scanning Services to evaluate the effectiveness of your existing security controls.

Additionally, MegaPath offers a portal-based Security Information Management platform that allows you to track remediation activities, correlate and report on suspicious activities, and produce audit reports to demonstrate due diligence for running an effective information security program.

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## A Cost-Effective Solution for EMR Transition

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Conversion to EMR/EHR systems means that many healthcare organizations do not have the expertise or resources to manage the new security concerns that go along with digitized records. And after making the associated large capital expenditure necessary to modernize IT systems and networks, it is important to control ongoing costs.

MegaPath Managed Security Services help to address these security and cost concerns. Security for the EMR/EHR systems and network connections is managed around-the-clock by MegaPath's network experts. And with a comprehensive, outsourced solution, you can easily plan for ongoing network security costs.

## Healthcare Organization Benefits:

- Reduce Security and Compliance Costs
- Improve Network and Data Security
- Simplify Regulatory Compliance
- Access 24 / 7 / 365 Security and Network Expertise
- Gain Peace of Mind
- Receive One Monthly Bill

## The MegaPath Suite of Managed Security Services Includes:

### - **Managed Firewall**

Features deep packet inspection with up to 500 firewall policies that are configurable via our secure Web portal. This service also includes periodic and on-demand reporting.

### - **Intrusion Prevention**

Detects multi-layered and blended attacks for both known and unknown threats. Powerful anomaly detection functions identify and stop zero-day threats. The MegaPath intrusion prevention solution supports all network types, including wireless with rogue access point detection.

### - **Anti-Malware/Anti-Virus**

Comprehensive, real time, and network-based anti-virus, anti-malware, and anti-crimeware detection, with both signature-based and rules-based blocking of known and zero-day attacks.

### - **Web Filtering**

Manage employee Internet access with White list/Black list and policy-based content filtering to reduce bandwidth consumption and enforce Internet use policies in real-time.

### - **Anti-Spam**

Automatically detects spam email and optionally tags or deletes it based on configurable policy rules before the messages can consume valuable bandwidth or email storage.

### - **Application Control**

Provides granular, precise control of specific applications such as, instant messaging, chat, voice, or video on social media sites such as Facebook or MySpace.

### - **Data Leak Prevention**

In real-time, detects and prevents sensitive data from being transferred outside of the organization, including data such as credit card numbers or patient information.

### - **Managed Logging**

Provides cloud-based log collection, as well as automated daily log review, correlation, alerting, reporting, and archiving. Real-time portal tools for log management enhance your security operations and compliance.

- **Vulnerability Scanning**

A self-service, on-demand vulnerability scanning portal identifies and remediates security vulnerabilities in real time. MegaPath also offers certified quarterly scans for PCI compliance.

- **Security Information Management**

Offers the portal-based workflow management and tracking necessary to demonstrate due diligence in meeting requirements for organizational security policies and compliance reporting.

- **File Integrity Monitoring**

Enables real-time monitoring of critical system or configuration files for unauthorized access or changes. (Supports only Windows-based host systems)