MEDITOLOGY SERVICES

SECURING THE NEXT GENERATION OF DIGITAL HEALTH TECHNOLOGY

Healthcare is boldly moving to new and unexplored ways of delivering care. Engaging in transformative movements like virtual care, personalized medicine, and predictive analytics leaves providers and payors with a greater variety of technology than ever before.

Healthcare organizations and the technology solutions that support them have the potential to transform healthcare. However, they also have the potential to threaten the very bedrock of patient trust if comprised by cyberbreaches.

Threat actors are assimilating technology for their own malicious ends as well. There is a renewed commitment for cybercriminals to compromise healthcare organizations through an increasingly sophisticated arsenal of tactics.

ARE WE PREPARED TO SECURE HEALTHCARE ENTERPRISES? PERHAPS NOT...

- **40%** of healthcare organizations still don't have a CISO
- **50%** of healthcare providers have experienced a data breach
- **42%** of providers may not be prepared to handle a security incident
- **64%** of providers say they've implemented effective security tools and resources
- **63%** of providers believe they cannot keep pace with digital applications and devices
- **72%** of providers believe increasing reliance on internet-connected devices is risky
- **69%** of IT professionals experienced a breach tied to vendor network access
- **68%** of providers say moving to the cloud is risky

TOP AREAS OF HEALTHCARE TECH ADOPTION ARE ALSO TOP CYBER RISK SOURCES

Telehealth, driven by new utilization models that continue post-pandemic

Telehealth utilization has risen **38-fold** from pre-pandemic levels

mHealth, driven by new utilization models and the need for scalability

The global mHealth market is expected to grow at a **CAGR of 24.57 between 2021 and 2027**

Remote patient monitoring, driven by new utilization models and the need for scalability

The remote patient monitoring market is expected to reach **$117 billion** in 2025, up from $23 billion in 2020

Distributed cloud, driven by an increase in cloud adoption

36% of digital leaders in healthcare are **implementing distributed cloud**

Patient experience & personalized care, driven by an increase in cloud adoption

84% of international payors and **36%** of U.S. payors are considering **new technology to improve their personalized-care offerings**

Artificial intelligence & analytics, driven by a focus on data and predictive decision making

Healthcare analytics is expected to grow at a CAGR of 28.9 from 2021 to 2026

Medical devices, driven by increasing sophistication

1/3 of bedside IoT devices **contain critical cyber risks**

Revenue cycle, driven by the need for efficiency and accuracy

Revenue cycle is expected to grow at a **CAGR of 12 from 2021 to 2028**



MEDITOLOGY'S FEDERATION OF CYBER-SOLUTIONS FOR HEALTHCARE

- **Security Risk Assessments**
  Industry-leading methodology aligned with NIST and HITRUST frameworks and designed to satisfy HIPAA and OCR expectations.
- **Ethical Hacking & Penetration Testing**
  Proven healthcare technical testing designed to deliver safe and thorough results with actionable reporting.
- **HIPAA & OCR Compliance**
  A full suite of compliance offerings delivered by OCR's HIPAA Expert Witness firm, Meditology Services.
- **Vendor Risk Management**
  Comprehensive vendor risk management managed services and technology powered by Meditology's sister company, CORL Technologies.
- **Enterprise Risk Reporting**
  Analytics and technology solution that delivers comprehensive out-of-the-box metrics, KPIs, and KRIs derived from premier healthcare cybersecurity programs that can be tailored to your environment.
- **SOC 2 & HITRUST Certifications**
  Full-service security certifications from architects of the HITRUST CSF framework with decades of proven results certifying leading healthcare entities.
- **PCI Services**
  PCI QSA and ASV services dedicated to healthcare including gap assessments, SAQs, vulnerability scanning, and remediation support.
- **Cloud Security**
  Experts in emerging cloud architectures and cybersecurity including cloud risk assessments, cloud penetration testing, Office 365, cloud vendor risk management, implementation and validation consulting, and more.
- **Incident Response**
  Healthcare incident response tabletop exercises from C-level down to tactical execution, incident response planning, ransomware exercises, and more.

Contact our team if you have any questions or if there is any way we can support you to secure your healthcare enterprise.

Meditology Services is a top-ranked cybersecurity, privacy, and risk consulting firm dedicated to the healthcare industry. Meditology also serves as the HIPAA expert witness firm for OCR and supports hundreds of healthcare entities coast-to-coast for the security, privacy, and compliance programs.

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