TOTAL SECURITY FOR HEALTHCARE'S DIGITAL AGE

From device birth to secure software development – DigiCert ensures the security of healthcare devices.

Overview

DigiCert is at the forefront of healthcare's digital transformation, leading the way in patient care with strong cybersecurity. Our approach covers all aspects of healthcare technology, from the infrastructure supporting critical devices to the software handling patient data. We offer a defense against current cyber threats and a security platform for future medical innovations, ensuring the healthcare industry grows with a foundation of trust and resilience.

Comprehensive Coverage

DigiCert secures the very foundation of IoMT – the devices themselves, the software that runs them, and the infrastructure that connects them. Our solutions ensure that your patients can trust that your devices are authentic, are communicating securely with your internet infrastructure, and are running software that is authentic and tamperproof and is free of malware and vulnerabilities. DigiCert also helps with the many emerging compliance requirements that our industry faces.

DigiCert's focus on security enables your product development and operations teams to focus on what matters most to your business – innovation, time to market, and efficiency. Our solution enables you to centrally manage your devices' identity, authentication, and encryption from silicon to patient. Our software security solution ensures that your software supply chain is safe from vulnerabilities, malware, and tampering, and supports emerging regulatory requirements such as bills of materials.

IoMT Security Essentials

Identity and Certificate Management: Establishes a unique device identity and manages certificates for authenticity and encryption.

Tamper-proof Updates and Dynamic Security: Provides secure software updates and dynamically adjusts security to mitigate new threats.

Secure Software Development: Protect against software supply chain attacks.

Automated Setup and Continuous Monitoring: Automates secure device configuration and continuously monitors for and responds to threats.

Software Integrity and Compliance Assurance: Ensures software authenticity, prevents tampering, and maintains compliance with irrefutable records like software bills of materials.

Encryption and Privacy Protection: Implements end-to-end encryption to safeguard patient privacy and ensure trust across the IoMT ecosystem.

digicert®

IOMT SECURITY ESSENTIALS

Where device integrity meets software assurance – the new standard in medical device security.

Foundational Security Principles

Unified Security Architecture: Provides integrated security across device hardware and software, streamlining protection and management across the technological ecosystem. This architecture reduces complexities associated with disparate systems, enhancing overall security efficiency.

Secure Software Development: IoMT runs on software – software that resides on the device as well as software that runs the infrastructure that connects to the device. A breach in the software development lifecycle for any of this software risks exposing patient data, or worse, injuring the patient. Software supply chain attacks are increasing at alarming rates. Steps must be taken to secure your software development process.

Compliance and Governance: Ensures adherence to international standards, facilitating efficient navigation of the compliance landscape. This aspect is crucial for healthcare organizations, providing assurance that they are aligned with current and evolving regulatory standards.

Scalable Trust: Supports the growth of healthcare organizations by ensuring that the security framework is capable of expanding with the business. This pillar provides robust and adaptable protection for an increasing range of devices and networks, critical for maintaining security integrity in growing healthcare services.

The DigiCert Difference

Partner with DigiCert for a security foundation that enhances your healthcare initiatives. Contact us at digicert.com/contact-us to learn how our security not only ensures compliance but also leads healthcare innovation.

Compliance Simplified

DigiCert plays a crucial role in ensuring healthcare technologies comply with global regulations, including the FDA in the United States and the Medical Device Regulation (MDR) in the European Union. Our comprehensive approach guarantees that devices and software not only adhere to safety and security standards but also build trust for their use in critical healthcare settings.

Broad Regulatory Alignment: Automates and simplifies compliance with FDA and MDR, easing market entry across jurisdictions.

Enhanced Data Security: Provides top-tier encryption and data protection to meet FDA and EU MDR requirements, safeguarding medical device data.

SBOM Compliance: Meets FDA and MDR mandates for Software Bills of Materials (SBOMs), ensuring software supply chain transparency and security.

Continuous Compliance Monitoring: Keeps pace with changing FDA and MDR standards, streamlining compliance for medical device manufacturers.