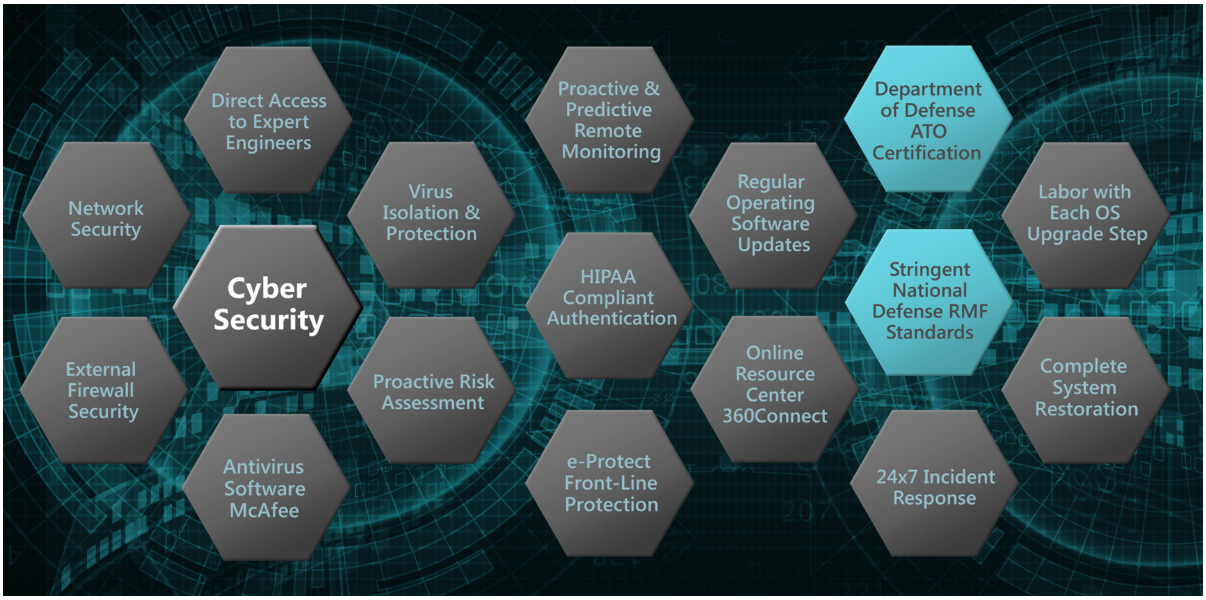
Canon

Canon Cybersecurity Service

Cybersecurity Protection. Made Possible.

Your Patient's Security is Our Top Priority.

Cyberattacks, viruses, and other malicious threats continue to increase in frequency and sophistication, with HIPAA Journal[1] reporting that more than 400,000 healthcare records were exposed in January 2018 alone. To combat these types of attacks, Canon Medical addresses system vulnerabilities on all fronts: firewall and network protection, antivirus software, live monitoring, predictive technologies and a well-trained team that is ready to help you withstand an attack.


Network Security
Direct Access to Expert Engineers
Cyber Security
External Firewall Security
Antivirus Software McAfee
Virus Isolation & Protection
Proactive Risk Assessment
Proactive & Predictive Remote Monitoring
HIPAA Compliant Authentication
e-Protect Front-Line Protection
Regular Operating Software Updates
Online Resource Center 360Connect
Department of Defense ATO Certification
Stringent National Defense RMF Standards
24x7 Incident Response
Labor with Each OS Upgrade Step
Complete System Restoration

Cybersecurity protection is available to customers with an active InTouch service agreement or systems under warranty and bundles our industry-leading cybersecurity solutions and services for unparalleled defense against RansomWare, malware and other malicious attacks. We safely secure patient information using a multilayered, proactive approach that meets the high levels of security, protects against unauthorized access, meets customer privacy expectations and guards against downtime caused by cyber attacks, and excessive security costs.

Canon for You - Proactivity

Cybersecurity Risk Management Team

Receive rigorous risk assessment and proactive threat monitoring from our dedicated world-wide task force, collaborating to discuss vulnerabilities, requests, and risks. The cybersecurity risk management team performs regular testing and evaluation of systems for vulnerabilities, develops and maintains cybersecurity regulations and standards, responds to security incidents, and streamlines security procedures. The team continually reviews the latest cyber risks and provides support to help your business respond to potential hazards.

Virus Isolation & Protection

Meet the federal quality standards for system protections. Our industry-leading technologies also satisfy Risk Management Framework (RMF) guidelines developed by the National Institute of Standards and Technology (NIST)[2], mandatory for federal agencies and desired by those customers who demand an industry-standard cybersecurity benchmark.

Operating Software (OS) Updates

Receive the latest updates for Microsoft operating software and McAfee, and other authorized providers as they are released by Canon. Only approved and trained Canon engineers will install each OS update, helping your institution control threats and manage access to your system.

Canon for Your Patients – Security

InnerVision® Plus

Increase productivity, boost system availability, and isolate your imaging systems from outside threats before data can be damaged or exposed with InnerVision® Plus' proactive and predictive remote support. Streamline system cleanup, and troubleshoot devices with data analysis capabilities, on-demand system diagnosis, prevention and early detection alerts, and environmental monitoring status including temperature, humidity and helium levels.

Authorization to Operate (ATO)

Uphold the standards for security as established by the Department of Defense (DoD), and adhere to NIST's Risk Management Framework guidelines for protecting Patient Health Information (PHI) and guard against malware, viruses and other malicious attacks. Canon Medical Systems became the first OEM to achieve the ATO certification with the U.S. Air Force for medical imaging equipment in 2014.

Risk Management Framework (RMF)

Satisfy the requirements for the DoD's gold-standard RMF for overseeing cybersecurity capabilities and managing organizational risk by establishing and implementing security measures including unauthorized access deterrence, on-site equipment testing, and ongoing system monitoring. Continually observe and analyze security efforts and efficacy through continuous monitoring, and ensure that all devices connected to your system are up-to-date on the latest threat resolution techniques.[3]

McAfee Solidifier Antivirus

Block suspicious files and applications on your network, reduce risk, and eliminate maintenance-heavy list management and application updates. McAfee's Solidifier is a whitelisting solution that uses a dynamic trust model for user authorization, lets you control traffic, and prevents risks to your system.[4]

eProtect Firewall Device[6]

Keep threats from impacting your system by insulating your diagnostic imaging equipment from network traffic. eProtect Firewall serves as an additional external layer of protection between your devices and your network, and meets both industry and DoD guidelines for validating and controlling the traffic moving in and out of your system for reliable performance and management of cyber concerns.

Canon for Your Partnership

360º Connect

Access a 24x7 snapshot of your system's health at any time with 360º Connect, Canon Medical's cloud-based, online self-service portal. 360º Connect allows you to quickly and easily monitor equipment, review essential information, check service status or history, store and view important documents and maintenance schedules.

Rapid Response - 24x7

Get the help you need, when you need it. Canon Medical's expert engineers and technical staff are available around the clock when you need them for application support, monitoring and recovery guidance. Reach out by email to CanonMedicalSystemsSecurity@us.medical.canon for 24x7 response.

Financial & Operational Risk Mitigation

Manage costs related to downtime, potential lawsuits, RansomWare, and expenses to rebuild records and reconstruct compromised systems. Maintain existing levels of protection and system confidence with uninterrupted security protections while undertaking change management efforts. Canon Medical's cybersecurity offerings package the tools and products that you need to prevent cyberattacks, data breaches, and other malicious security threats that could result in significant lost revenue, productivity or patient trust.

Canon Medical Systems protects your patients' information just like you protect their health. Stop data breaches before they occur with a comprehensive cybersecurity solution.[5] Protecting the patient is our joint responsibility.

For more information on Canon Medical's cybersecurity offerings, visit https://us.medical.canon.

Stay up-to-date with the latest Canon Medical Systems USA, Inc. news by joining our mailing list at https://us.medical.canon/.

[1] *https://www.hipaajournal.com/hacking-responsible-83-breached-healthcare-records-january/*
[2] *National Institute of Standards and Technology standards 800:37 and 800:53.*
[3] *XR devices excluded. Modality and instrument availability may vary. Check with your local Canon Medical representative to confirm coverage.*
[4] *Modality and instrument availability may vary. Check with your local Canon Medical representative to confirm coverage.*
[5] *Select products are cyber secure.*
[6] *This service configuration is dependent on service contract level.*

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