



## Cybersecurity Gold and Platinum

### What is it?

Canon Medical Systems USA takes the security and protection of customer's very seriously. In doing so, Canon Medical Systems now offers two types of Cybersecurity protection that provide a high level of mitigation against new threats. In addition to protection of Canon's Win10 imaging devices, these offerings are an ideal choice for Canon imaging devices that are no longer commercially supported and providing patches.

The offerings, Cybersecurity Gold and Cybersecurity Platinum, both offer a deny-all firewall configuration to block undesired traffic to the imaging devices.

### GATEWAY GOLD

Offered at no cost to our warranty and service contract customer's, Gateway Gold offers a standard level of protection against zero day threats as well as known vulnerabilities to protect your Canon imaging device.

### Gateway Gold consists of the below 3 pillars:

#### SP Firewall hosted on Windows 10 Features include:

- Stateful firewall protection
- Only DICOM traffic, point-to-point and port-to-port, is allowed through. This has proven to be very effective against malware attack.
- Automatic OS updates using Canon's WSUS server

**InnerVision Plus with Windows 10** – 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. For a nominal charge, environmental monitoring status including temperature, humidity and helium levels can also be included.

**Secure VPN to Canon Medical Control Center** – Get the highest level of protection with Canon Medical's "always on" secure site-to-site VPN tunnel with multi-factor authorization for Canon Medical Control Center device access. Experience a high standard of cryptology following industry standards and ensure only known IP addresses from recognized facilities can pass the firewall thanks to "deny all firewall" capabilities.

### [Gateway Gold Whitepaper](#)

**CANON MEDICAL SYSTEMS USA, INC.**

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## GATEWAY PLATINUM

Canon offers the only integrated security solution for customers at this level. The system provides reports and alerts to keep customer IT teams and Canon Risk Management notified on malicious activity and network traffic and health.

### Gateway Platinum consists of the below 3 pillars:

**Cybersecurity (powered by Barracuda)** – NextGen, deny-all firewall that isolates the imaging system from the hospital network. Features include:

- Integrated, next-gen firewall protection
- Advanced Intrusion Protection System (IPS) that will alert in real time when any high or critical threats are detected
- Continuous data feed, also known as syslog, to customer's Security Information System (SIEM) to provide real time data of the configuration of the device, applications and protocols being used, and other detailed information that is configurable to the facilities discretion
- Utilization and statistical reporting
- Dynamic Alert Engine that will alert the Cybersecurity Risk Management team 24x7 at Canon Medical Systems when malicious high / critical threats are found, malicious activity is noted (i.e., bad actor trying to login), and a wide array of other possible threats
- Detailed audit reports that is essential for our customer's protection of PHI

**InnerVision Plus with Windows 10** – 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. Included at no cost to warranty and service contract customers, environmental monitoring status including temperature, humidity and helium levels are also included.

**Secure VPN to Canon Medical Control Center** – Get the highest level of protection with Canon Medical's "always on" secure site-to-site VPN tunnel with multi-factor authorization for DMZ device access. Experience the highest standard of cryptology following industry standards and ensure only known IP addresses from recognized facilities can pass the firewall thanks to "deny all firewall" capabilities.

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**Benefits include...**

Cybersecurity Features	Gateway Gold	Gateway Platinum
Cybersecurity Protection with Remote System Diagnosis	•	•
InnerVision™ Plus is Canon Medical's "Remote Support and Diagnostics" suite, provided through a secured VPN tunnel	•	•
Standard Firewall protection from malicious actors using port & IP filtering of network segmentation	•	•
High-security site-to-site VPN tunnel with direct connection to Canon Medical Control Center	•	•
Remote quantitative/qualitative analysis and inspection of image quality	•	•
Remote application support, includes remote viewing scan technique and protocol/ sequence parameters	•	•
Message alert system notifies CE for prevention and early detection of system problems and fast issue resolution	•	•
Protected Health Information (PHI)	•	•
360° Connect a self-service portal that provides account visibility and management of assets, service contracts and service cases	•	•
Integrated, NextGen Firewall technology with complete security stack, provides comprehensive cybersecurity protection		•
Firewalling, Intrusion Prevention System (IPS), Enhanced threat protection and Application layer protection		•
FIPS 140-2 validated standard of encryption		•
Continuous network traffic data to Customer's Security Information and Event Management		•
Direct on-demand reporting of network traffic and health to customer		•
Dynamic alert notification system of network activity to customer		•
e-Watch™ remote environmental monitoring of specific system components		•

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