CENTRALIZED, CROSS-ENTERPRISE NETWORK DEVICE MANAGEMENT

A Total Device Management Solution for Streamlined, Automated Control.

imageFORCE C5170 (shown with optional accessories) and imageFORCE 710.

NETWORK DEVICE MANAGEMENT MADE EASY

Canon imageWARE Enterprise Management Console (iW EMC) is a highly scalable, web-based utility capable of installing and managing multiple Canon and third-party networked devices on customer networks. It offers advanced automated task management features, including retrieving/distributing device settings, rebooting devices, retrieving/distributing address books, discovering new devices, and sending email alerts regarding device errors. iW EMC provides a foundation for future innovation due to its distinctive framework, and it's designed for easy implementation and simplified expandability.

CENTRALIZED DEVICE MANAGEMENT
iW EMC detects and stores information about networked printers, such as location of the device. It can be set up to discover devices across multiple subnets at regular intervals through automated tasks, using the SNMP protocol and Multicast device discovery.

DEVICE SETTINGS DELIVERY/RETRIEVAL
Allows for the retrieval and delivery of device settings such as device location, system manager, and DNS Server. It also provides the ability to reboot a single device or group of devices.

VIEW DEVICE STATUS
An IT administrator can view device status from a single portal. Email alerts can also be set up for various device errors.

SCALABLE
Multiple iW EMC servers can be installed in different geographical locations to help reduce network bandwidth requirements. An IT administrator can access any iW EMC server on the network using the Computer Discovery and Management Module.

CUSTOMIZABLE USER ACCESS PRIVILEGES
iW EMC offers detailed user access administration. An IT administrator can manage access to each iW EMC module by individual user accounts. Active Directory and Microsoft Entra ID are also supported for user authentication.

NOTIFYING USERS
Send notices to other IT administrators about device status. Exchange messages with individuals or every connected user to inform them of changes to the printing environment or device configuration.

CUSTOMIZABLE PORTAL
An IT administrator can customize the main portal to suit each user's needs.
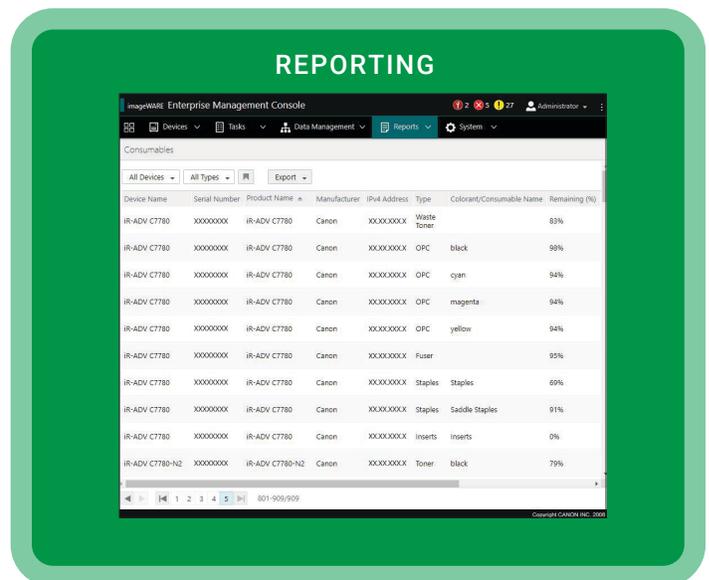
DETAILED SYSTEM LOGS
Comprehensive system logs for each transaction are stored. Logs can also be exported for archival purposes.

ENHANCED COUNTER REPORT FUNCTION
More flexible reporting allows you to enable and specify the cutoff date of monthly reports. You can enable to specify any period you like.

ENHANCED DASHBOARD FUNCTIONS
One-click access to detailed device and task result information gives you easy access to the information you need.

SIMPLIFY YOUR DAY WITH AUTOMATED TASK MANAGEMENT

It's virtually impossible for any corporate IT staff to physically modify the address books of every individual device across the enterprise each time an employee joins, transfers, or leaves the company. imageWARE Enterprise Management Console can help by automatically executing IT administrator-created instructions and tasks, either immediately or at timed intervals, including overnight or on weekends.

Some ways imageWARE Enterprise Management Console can improve your productivity include:

- **Discovery of new devices.** Through SNMP, you can query Canon and third-party networked devices and automatically add new ones to the database for initial setup and configuration.

- **Delivery of device settings**. Retrieve device settings such as IP addresses, locations, and System Manager contact information, then reset them to default conditions to minimize help desk calls or reboot a fleet of devices.

- **Device monitoring.** Devices can be monitored continuously, and common functions such as meter retrieval can be easily accomplished.

BUILT-IN SECURITY
Security is a critical part of your enterprise—and an important part of iW EMC. It features Transport Layer Security (TLS)* and also offers functionality that helps prevent individual users from viewing device groups. In addition, the software also supports native Active Directory integration.

EXPAND YOUR CONTROL
Reduce your total cost of ownership even as you increase device control. The unique architecture of iW EMC provides a foundation for future expansion through device management features that help maximize printing assets across your entire enterprise. These features include:

- Device Firmware Update
- Device Configuration Management
- Device Application Management
- Address Book Management
- Credential Management
- Setting Profile Management
- Meter Capture
- Device Settings Configurator (separate software)
- Consumable Usage Dashboard
- Floor Map

FLOOR MAP

DASHBOARD

CONSUMABLE USAGE DASHBOARD

* Canon products offer certain security features, yet many variables can impact the security of your devices and data. Canon does not warrant that use of its features will prevent security issues. Nothing herein should be construed as legal or regulatory advice concerning applicable laws; customers must have their own qualified counsel determine the feasibility of a solution as it relates to regulatory and statutory compliance.
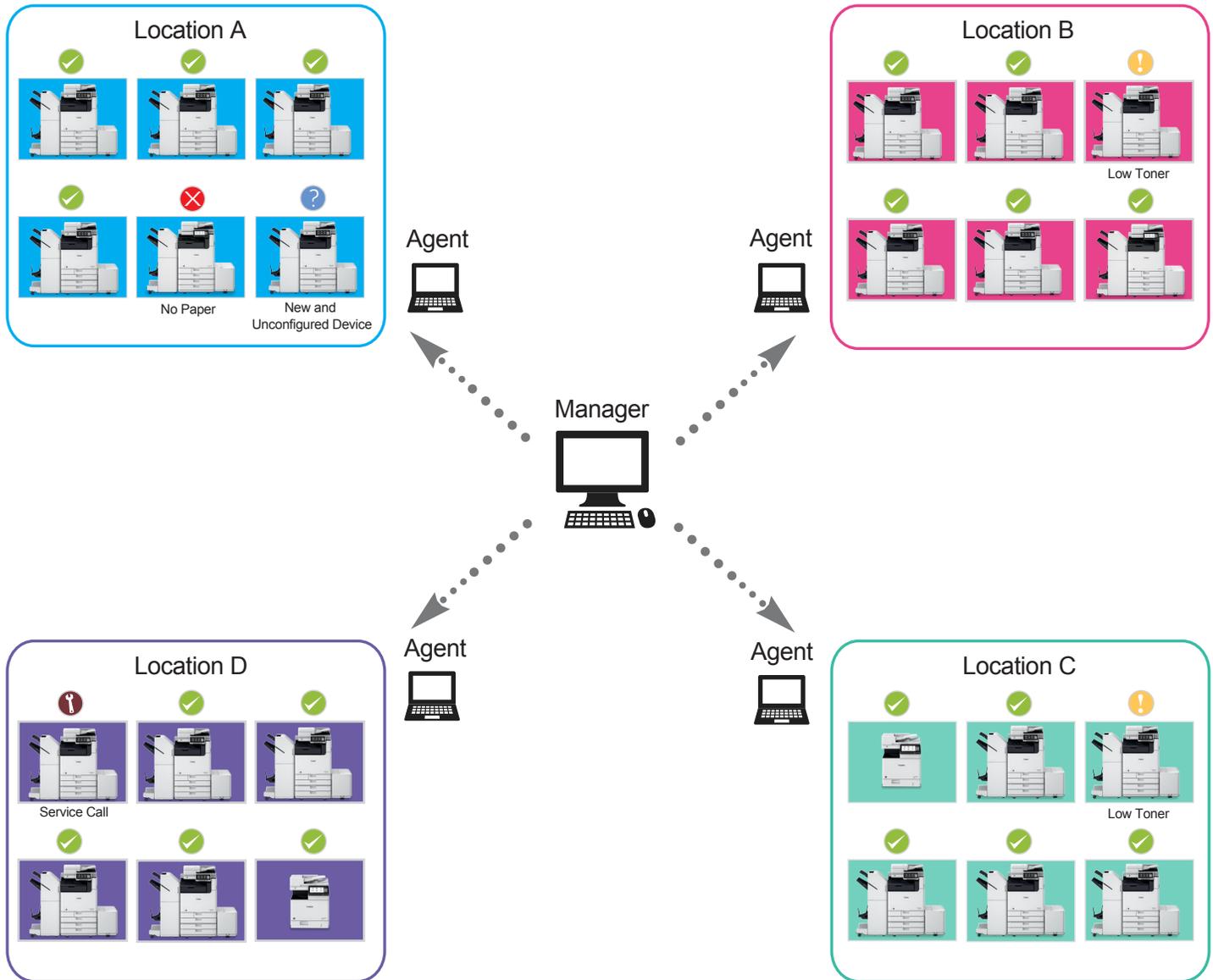
MAXIMIZE UPTIME ACROSS YOUR ENTERPRISE

It's easy to gain control of a large fleet with imageWARE Enterprise Management Console.

LARGE-SCALE CONFIGURATION

Location A

No Paper

New and Unconfigured Device

Agent

Location B

Low Toner

Agent

Manager

Agent

Location D

Service Call

Agent

Location C

Low Toner

BENEFITS
- Centralized Fleet Management
- Device Discovery
- Device Configuration
- Device Monitoring
- Scalable

STREAMLINE TO MEET YOUR NEEDS

To help reduce traffic, multiple servers can be installed on your network in different locations. Simply place device management portals where they're needed most. This will allow you to have the following advantages:

- **Identify device configurations.** IT administrators can identify finishing and feature configurations on the MFP or printer (e.g., all devices that support the "Booklet" function) and enter special data such as Asset Tag, Contact Number, and Lease End Date.

- **Group devices logically.** Simplify device location by logically grouping them (e.g., "N.Y. Office," "Building 2").

- **Manage third-party devices.** Consolidate management of network devices that comply with the standard printer MIB, regardless of brand or manufacturer.

- **View your fleet.** The floor map feature makes it easy to find the device from the map and check the status.

- **View device status in real time.** For fast resolution of errors such as paper jams or out-of-toner/ink conditions, connected devices promptly report status changes via email to a system administrator or specific end user.

- **Customize viewing preferences.** Sort devices by protocol, type, or group (e.g., "all black-and-white printers") to segment and manage them as your environment demands.

- **Refill or replace necessary consumables.** With the consumable usage dashboard, Fleet Admin can identify the timing to refill the paper, replace with the new toner bottle or order it.

DASHBOARD

TASK

MENU OPTIONS

imageWARE ENTERPRISE MANAGEMENT CONSOLE VERSION 4

This latest version offers many advantages for centralized, cross-enterprise network device management.

EASY AND FAST INSTALLATION
- The installation process is simplified. Preparation of software other than iW EMC install-set is not required, except for large-scale environments (which require a Database).

- The previous plug-ins are now built in to v4, helping to reduce installation time.

DESIGNED FOR SMALL TO LARGE ENVIRONMENTS
- The Agent plays an intermediary role in communication between the Manager and the devices. It helps to make network security management easier and clearer. Additionally, it helps to maintain the system across environments of all sizes, from small to large. (Appropriate number of Agents must be in place.)

- With a well-engineered system plan and the appropriate Agents in place, iW EMC can handle a global-wide network environment, including time zone differences.
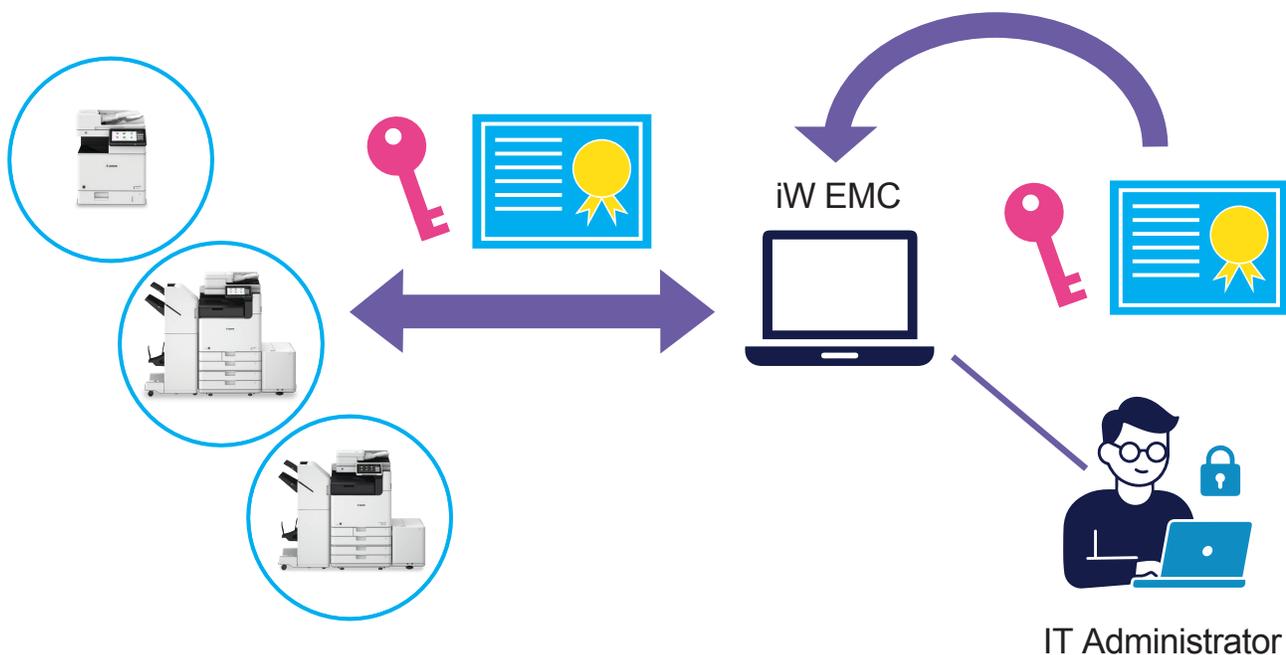
IMPROVED USABILITY AND PERFORMANCE
- An improved, intuitive UI and enhanced dashboard help reduce time and ease operation.

- Improved performance means reduced stress and greater overall efficiency.

ENHANCED FUNCTIONALITY
- Capability of Keys and Certificate Management.

- Monitoring and notifying device setting values.

- Enhanced device monitoring security.*

- Increased supported device counters (Service mode counters can be configured).

KEYS AND CERTIFICATE MANAGEMENT

iW EMC

IT Administrator

SYSTEM REQUIREMENTS

OPERATING SYSTEMS	DATABASE SOFTWARE	WEB BROWSERS	SOFTWARE RUN-TIME ENVIRONMENT
• Microsoft® Windows® Server 2022 (latest service pack) Edition: Standard • Microsoft Windows Server 2025 (latest service pack) Edition: Standard • Microsoft Windows 11 (latest version or one version older than feature-update) Edition: Pro/Enterprise Platform: 23H2	• SQLite • Microsoft SQL Server 2019/2022 Edition: Express/Web/Standard/Enterprise Platform: 64-bit	• Microsoft Edge • Google Chrome • Mozilla Firefox	• .NET Framework (version 4.8 or later)

SYSTEM CONFIGURATION

There's no limit to the number of devices you can connect to imageWARE Enterprise Management Console; the Manager and Agent configuration will change based on the actual count.

When devices managed are **FEWER THAN 5,000**, install the Manager and the Agent to the same computer.

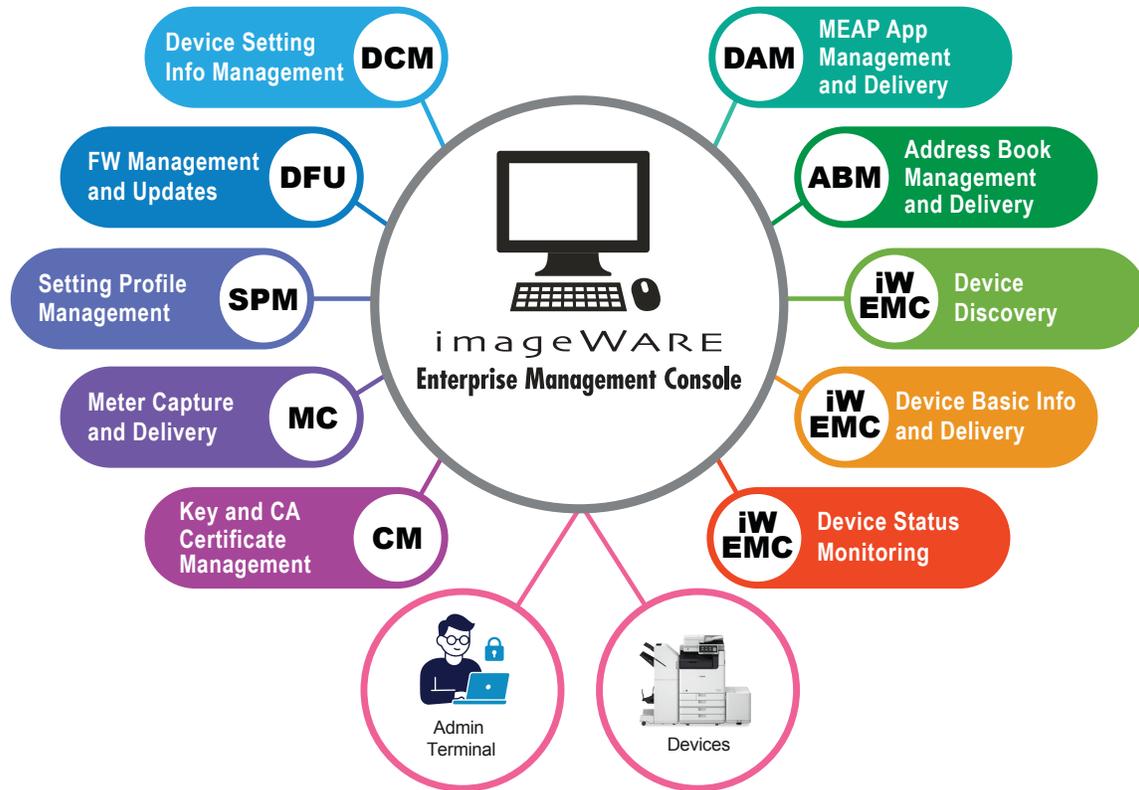| NO. OF MANAGED DEVICES		UP TO 1,000	UP TO 3,000	UP TO 5,000
Computers required to install the Manager and Agent	Processor	Core i7	Core i7	Core i7
	No. of Logical Cores	4	6	6
	Memory (GB)	8	16	16
	Hard Disk Space (GB)	450	450	450

When devices managed **EXCEED 5,000**, allocate multiple Agents so that the number of devices managed by a single Agent is 5,000 or less. One Manager can manage up to 10 Agents. One Agent can also be installed to the same computer as the Manager.

NO. OF MANAGED DEVICES		UP TO 10,000	UP TO 30,000	UP TO 50,000
Computers required to install the Manager and Agent	Processor	Xeon	Xeon	Xeon
	No. of Logical Cores	8	16	20
	Memory (GB)	24	40	40
	Hard Disk Space (GB)	500	700	900
Computers required to install the Manager Only	Processor	Xeon	Xeon	Xeon
	No. of Logical Cores	8	16	20
	Memory (GB)	16	32	32
	Hard Disk Space (GB)	400	600	800
Computers required to install the Agents Only	Processor	Core i7	Core i7	Core i7
	No. of Logical Cores	4	4	4
	Memory (GB)	8	8	8
	Hard Disk Space (GB)	100	100	100
Number of Agents		2	6	10

THE POWER TO MANAGE INFORMATION

With Canon imageWARE Enterprise Management Console, you can streamline device control, speed problem resolution, automate tasks, and reduce IT burdens. You can even expand the solution and optimize administration efficiency throughout your entire enterprise. imageWARE Enterprise Management Console—a total network device management solution.

imageWARE Enterprise Management Console v4 Built-in Features

- **DCM** — Device Setting Info Management
- **DFU** — FW Management and Updates
- **SPM** — Setting Profile Management
- **MC** — Meter Capture and Delivery
- **CM** — Key and CA Certificate Management
- **DAM** — MEAP App Management and Delivery
- **ABM** — Address Book Management and Delivery
- **iW EMC** — Device Discovery
- **iW EMC** — Device Basic Info and Delivery
- **iW EMC** — Device Status Monitoring

imageWARE Enterprise Management Console

Admin Terminal

Devices

Download the imageWARE Enterprise Management Console to get started today!

1-844-50-CANON | usa.canon.com/iwemc