



# Kofax SafeCom Technical Specifications

Version: 10.7

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**KOFAX**

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# Introduction

Kofax SafeCom is a print management solution that ensures secure print workflows while minimizing the cost of ownership. The technical specifications in this document are specific to SafeCom 10.7.

To support your SafeCom solution, ensure that you meet the requirements for memory and disk space listed in this document. These specifications apply only to the Kofax SafeCom product. They do not include requirements for the operating system, or for other software that may be running alongside SafeCom in the same environment.

# Server component requirements

Specification	Description
Hardware	<p><b>G4:</b></p> <ul style="list-style-type: none"><li>• 2.0 GHz CPU with 4 cores</li><li>• 16 GB RAM or greater</li><li>• 10 GB disk space or more</li></ul> <p><b>Web Interface:</b></p> <ul style="list-style-type: none"><li>• 2.0 GHz CPU with 4 cores</li><li>• 16 GB RAM or greater</li><li>• 10 GB disk space or more</li></ul> <p><b>Device Server (Server Deployment):</b></p> <ul style="list-style-type: none"><li>• 2.0 GHz CPU with 4 cores</li><li>• Server: 16 GB RAM or greater</li><li>• Workstation: 8 GB RAM or greater</li><li>• 10 GB disk space or more</li></ul>
Accessibility	<ul style="list-style-type: none"><li>• G W CAG 1.2 Level AA</li><li>• Narrator for Windows</li></ul>
Browser	<ul style="list-style-type: none"><li>• Google Chrome 97</li><li>• Microsoft Edge 97</li><li>• Windows 10 Narrator for screen reading within the web browser</li></ul>
Server Operating Systems	<ul style="list-style-type: none"><li>• Windows Server 2022</li><li>• Windows Server 2019</li><li>• Windows Server 2016</li></ul>
Database Management System	<ul style="list-style-type: none"><li>• Microsoft SQL 2019</li><li>• Microsoft SQL 2017</li><li>• Microsoft SQL 2016</li></ul>

Specification	Description
	<p><b>i</b> In a SafeCom multiserver installation, the SQL primary server must run Microsoft SQL Server 2019, 2017, or 2016 SP1. SQL Server 2019 Express is bundled in the G4 Server installer for standalone installations and for secondary server installations in multi-server scenarios.</p>
Required Third-Party Technologies	<ul style="list-style-type: none"> <li>• .NET Core 6 (Web Interface)</li> <li>• .NET 4.8 or above (G4, Print Client)</li> <li>• VC++ 2022 Runtime (packaged)</li> </ul>
Compatible Kofax Software	<ul style="list-style-type: none"> <li>• SafeCom Mobile Print 4.2.6.103</li> <li>• SafeCom Mobile Print 4.2.8</li> <li>• SafeCom Device Web Server 5.10</li> <li>• SafeCom Print Client 10.7</li> <li>• SafeCom Device Server 90.12</li> <li>• SafeCom Web Interface 10.7 or later</li> </ul>
Other notes	<p>Do not install SafeCom Device Server on a computer that already has a Print Client installed.</p> <p>To avoid connection issues due to NetBIOS limitations, the computer name in the SafeCom environment must be shorter than 16 characters.</p>

# SafeCom G4 Server requirements

- [Server requirements](#)
- [Print Client requirements](#)

## Server requirements

- Windows Server 2022, 2021, 2019 or 2016. For demo purposes, SafeCom G4 Server can also run on Windows 10.
- Virtualization software, such as VMware and Microsoft Virtual Server, is supported as long as it supports the operating system.
- 16 GB RAM or more.
- 120 GB or more disk space to allow for database growth and print job storage (depends on utilization).
- TCP/IP protocol installed and configured.
- Windows Installer 4.5
- Microsoft .NET Framework 4.6.
- SafeCom license key code.

### Database

- Microsoft SQL Express 2019 is distributed and installed with the software, except when the primary server is installed using Microsoft SQL Server.
- In a SafeCom multiserver installation, the SQL primary server must run Microsoft SQL Server 2016 R2, 2017, or 2019 Standard edition as a minimum. It must be licensed and installed (including replication option). Microsoft SQL is quite memory intensive and more memory leads to better performance. 16 GB RAM is the required minimum.

For more information, refer to "Multiserver installation" in the *Kofax SafeCom G4 Server Administrator's Guide*.

The preceding requirements are general rules for the configuration of the SafeCom servers (CPU, RAM, and disk space). The load on the system is very difficult to predict since it depends on many things, including the number, size, and type of documents to be printed, the printer driver, number and types of printers, number of users, and so on.

For more information on scalability, refer to "Are SafeCom solutions scalable" in the *Kofax SafeCom G4 Server Administrator's Guide*.

- The Smart Printer Driver supports both 32-bit and 64-bit versions of the operating system.

- Printer client has 32-bit and 64-bit versions.
- Ensure that the computer names in the SafeCom environment are shorter than 16 characters, to avoid connection issues due to NetBIOS limitations.
- Ensure that ICMP traffic is allowed between SafeCom components (SafeCom G4 Server, Device Servers, Print Client, devices using various SafeCom Go implementations).
- Do not install your SafeCom Device Server on a computer that already has a Print Client or HP Unified Client for SafeCom installed.

#### **Cluster**

- The SafeCom server and the SafeCom printers on Windows Server 2019 and 2016 are cluster-aware (requiring a SafeCom Cluster Server license). If one server in the failover cluster goes down, another takes over. This increases availability of the SafeCom server installation significantly. Refer to [microsoft.com](https://www.microsoft.com) for additional information on the resulting hardware and software requirements.

## Print Client requirements

- Windows Server 2022, 2019, or 2016
- Windows 10 or 11
- Clients running Citrix and Windows Terminal Service (WTS)
- 1 GHz CPU and 4/8 GB RAM or higher
- 1 GB free disk space (or more depending on the amount of printing)
- TCP/IP protocol installed and configured

Printing through LPD/LPR from Apple Mac, UNIX, Novell and Host systems (mainframe) is possible to a shared SafeCom Pull Printer, but can require additional software.



# Web Interface requirements

SafeCom Web Interface requires Windows Server 2022, 2019 or 2016 with IIS role enabled.

To install the SafeCom Web Interface, the following options must be enabled in the IIS configuration:

- Common HTTP Features
  - Default Document
  - HTTP Errors
  - Static content
- Health and Diagnostics
  - HTTP Logging
- Performance Features
  - Static Content Compression
- Security
  - Request Filtering
  - Windows Authentication
- Management Tools
  - IIS Management Console

The installer requires the site to have enable HTTPS enabled and supplied with a certificate. The application can be installed on a secure site only.

SafeCom Web Interface 10.7.0 is compatible with SafeCom G4 Server 10.7.0.

# Supported languages for MFP devices

Go Canon	Go Fuji Xerox Go Xerox Go HP FutureSmart	Go HP Device Server	Go Konica Minolta	Go Ricoh	Go Sharp	HP Unified Client	Web Interface
-	Chinese (simplified)	Chinese (simplified)	-	-	Chinese (simplified)	Chinese (simplified)	
-	Chinese (traditional)	Chinese (traditional)	-	-	Chinese (traditional)	Chinese (traditional)	
-	-	-	-	-	-	Czech	
Danish	Danish	Danish	-	Danish	Danish	Danish	Danish
Dutch	Dutch	Dutch	-	Dutch	Dutch	Dutch	Dutch
English	English	English	English	English	English	English	English
-	-	-	-	Finnish	-	Finnish	
French	French	French	-	French	French	French	French
German	German	German	-	German	German	German	German
-	-	Hebrew	-	-	-	-	
-	-	-	-	-	-	Hungarian	
Italian	Italian	Italian	-	Italian	Italian	Italian	Italian
-	Japanese	-	-	-	Japanese	Japanese	
-	Korean	-	-	-	-	Korean	
Norwegian	Norwegian	Norwegian	-	Norwegian	Norwegian	Norwegian	Norwegian
Polish	Polish	Polish	-	Polish	Polish	Polish	Polish
-	Portuguese	-	-	Portuguese	-	Brazilian Portuguese	Brazilian Portuguese
-	-	-	-	-	-	Russian	
Spanish	Spanish	Spanish	-	Spanish	Spanish	Spanish	Spanish
Swedish	Swedish	Swedish	-	Swedish	Swedish	Swedish	Swedish
-	-	-	-	-	-	Thai	
-	-	-	-	-	-	Turkish	