



Security Center Mobile System Requirements 4.0

Security Center Mobile 4.0 system requirements

System requirements are the recommended hardware and software components that are required for your product and system to run optimally.

In order to determine which configuration is best suited for your application, please refer to the design tables below or contact the Genetec Sales Engineering team at salesengineering@genetec.com.

Mobile Server streaming capabilities

The Mobile Server streaming capabilities in Security Center Mobile 4.0 depend on the camera settings in Security Center and the Mobile Server configuration.

The Mobile Server streaming tests were performed on a 4 Core 2.99 Ghz Intel Xeon E5-1607 processor @ 3.00 Ghz with 16 GB RAM, running Mobile Server exclusively.

1: Security Center cameras configured to 320 x 240 H.264 15 fps @ 200 Kbps

Mobile Server configuration	Max number of streams	Outbound network traffic (Mbps)	Outbound network traffic per stream (Kbps)
320 x 240	110	55 Mbps	500 Kbps
640 x 480			
1280 x 1024			

2: Security Center cameras configured to 640 x 480 H.264 15 fps @ 500 Kbps

Mobile Server configuration	Max number of streams	Outbound network traffic (Mbps)	Outbound network traffic per stream (Kbps)
320 x 240	55	30 Mbps	500 Kbps
640 x 480	45	60 Mbps	1300 Kbps
1280 x 1024			

3: Security Center cameras configured to 1280 x 720 H.264 30 fps @ 2.5 Mbps

Mobile Server configuration	Max number of streams	Outbound network traffic (Mbps)	Outbound network traffic per stream (Kbps)
320 x 240	28	15 Mbps	600 Kbps

Mobile Server configuration	Max number of streams	Outbound network traffic (Mbps)	Outbound network traffic per stream (Kbps)
640 x 480	22	30 Mbps	1450 Kbps
1280 x 1024	20	80 Mbps	4380 Kbps

4: Security Center cameras configured to 1920 x 1080 H.264 15 fps @ 3 Mbps

Mobile Server configuration	Max number of streams	Outbound network traffic (Mbps)	Outbound network traffic per stream (Kbps)
320 x 240	10	5 Mbps	450 Kbps
640 x 480	10	14 Mbps	1500 Kbps
1280 x 1024	8	30 Mbps	4000 Kbps

Mobile Server software requirements

Before installing Mobile Server, you must familiarize yourself with which operating systems are supported with Mobile Server.

Mobile Server is supported with the following operating systems:

- Microsoft® Windows 7 Professional and Ultimate (32-bit/64-bit)
- Microsoft® Windows 8 Professional and Ultimate (32-bit/64-bit)
- Microsoft® Windows Server® 2003 Standard Edition SP1/SP2/R2 (32-bit/64-bit)
- Microsoft® Windows Server® 2003 Enterprise Edition SP1/SP2/R2 (32-bit/64-bit)
- Microsoft® Windows Server® 2008 Standard Edition SP2/R2 (32-bit/64-bit)
- Microsoft® Windows Server® 2008 Enterprise Edition SP2/R2 (32-bit/64-bit)
- Microsoft® Windows Server® 2012 Standard Edition (32-bit/64-bit)
- Microsoft® Windows Server® 2012 Standard Edition R2 (32-bit/64-bit)

Mobile Server hardware requirements

System requirements are the recommended hardware and software components that are required for your product and system to run optimally.

The hardware requirements for Security Center Mobile 4.0 servers are the same as the Security Center 5.3 server requirements. For more information about Security Center 5.3 server requirements, [click here](#).

Mobile Admin software requirements

Familiarize yourself with the software requirements for Mobile Admin, so that you know which browsers you can use to configure Mobile Server.

Mobile Admin is supported on the following browsers:

- Microsoft Internet Explorer 10 and 11
- Microsoft Edge for Windows 10
- Mozilla Firefox
- Google Chrome
- Apple Safari (desktop, and mobile version for iPad)

Web Client software requirements

Before using Web Client, familiarize yourself with the operating systems and browsers that are supported with Web Client.

The software requirements for Web Client are the following:

NOTE: The minimum recommended resolution for using Web Client is 1024 x 768.

Operating system	Supported Browsers
Microsoft® Windows 7 Professional and Ultimate (32-bit/64-bit)	• Microsoft Internet Explorer 10 and 11
Microsoft® Windows 8 Professional and Ultimate (32-bit/64-bit)	• Microsoft Edge for Windows 10
Microsoft® Windows 8.1 Enterprise (32-bit/64-bit)	• Mozilla Firefox
Microsoft® Windows 10 Enterprise (32-bit/64-bit)	• Google Chrome
• Microsoft® Windows Server® 2003 Standard Edition SP1/SP2/ R2 (32-bit/64-bit)	• Microsoft Internet Explorer 10 and 11
• Microsoft® Windows Server® 2003 Enterprise Edition SP1/ SP2/R2 (32-bit/64-bit)	• Mozilla Firefox
• Microsoft® Windows Server® 2008 Standard Edition SP2/R2 (32-bit/64-bit)	• Google Chrome
• Microsoft® Windows Server® 2008 Enterprise Edition SP2/R2 (32-bit/64-bit)	
• Microsoft® Windows Server® 2012 Standard Edition and R2 (32-bit/64-bit)	
Mac OS X	Apple Safari (desktop version)
iOS 8 and later	Apple Safari (mobile version)
Android OS 3.1 and later	Google Chrome

Supported mobile devices for Web Client

Before using Web Client on a mobile device, familiarize yourself with which devices are supported.

The following mobile devices are supported with Web Client

NOTE: The minimum recommended resolution for using Web Client is 1024 x 768.

Mobile devices	Operating systems
Apple iPad	iOS 8 and later
Android tablets	Android OS 3.1 and later
Windows Surface	Windows RT 8.1 and Windows 8.1 and later (IE 11 only)

Supported mobile devices for Mobile app

Before using Mobile app, familiarize yourself with which mobile devices are supported.

The following mobile devices are supported with Mobile app:

Mobile devices	Operating systems
Apple devices (iPhone, iPod, iPad)	iOS 8 and later
Android devices ¹	Android OS 3.1 and later
Windows Phone	Windows Phone 8.1

¹ The minimum recommended resolution for Android devices is 320 x 480.

Supported number of connections per Mobile Server

Security Center Mobile 4.0 supports a maximum number of user connections per Mobile Server using Mobile app or Web Client.

A maximum of 50 different Security Center Mobile user accounts can be logged on to a single Mobile Server simultaneously using Mobile app or Web Client. This number is the maximum scalability on a single server, using the highest-end server. To increase overall system scalability, add additional Mobile Servers.