

Security Center 5.1 GA Server and Client Requirements

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

Security Center Client Station Requirements

Low¹

- **Intel Core 2 X6800 @ 2.93 Ghz**
- **2 GB of RAM**
- 80 GB hard drive for OS and Security Center applications
- **256 MB PCI-Express x16 dual-head video adapter**
- 1280 x 1024 or higher screen resolution
- 100/1000 Ethernet Network Interface Card
- 16x DVD+/- RW Drive

Medium²

- **Intel Core i7 870 @ 2.93 GHZ**
- **8 GB of RAM DDR3**
- **80 GB SATA II** hard drive for OS and Security Center applications
- **512 MB PCI-Express x16 dual-head video adapter**
- 1600 x 1200 or higher screen resolution
- 100/1000 Ethernet Network Interface Card
- 16x DVD+/- RW Drive

High³

- **Intel Core i7 2600 @ 3.4 GHZ**
 - **8 GB of RAM DDR3**
 - **80 GB SATA II** hard drive for OS and Security Center applications
 - **NVidia GTX 570 or DirectX VA 2.0 compatible card with 1 GB of RAM**
 - 1600 x 1200 or higher screen resolution
 - 100/1000 Ethernet Network Interface Card
 - 16x DVD+/- RW Drive
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¹ This low-performance configuration will allow users to view up to 4 H.264 HD cameras/30fps at 2 Mbps, 9 H.264 cameras at 640x480/30 fps or 32 H.264 cameras at 320x240.

² This medium performance configuration will allow users to view up to 8 H.264 HD cameras/30 fps at 3.5 Mbps, 48 H.264 cameras at 640x480/30 fps or 64 H.264 cameras at 320x240. Requires Windows 7 64 bits.

³ This high performance configuration will allow users to view up to 10 H.264 HD cameras/30 fps at 3.5Mbps, 60 H.264 cameras at 640x480/30 fps or 90 H.264 cameras at 320x240/30 fps. Requires Windows 7 64 bits.

Security Center Server⁴ Requirements

Low

- **Intel Core 2 Duo 3.0 GHz or better**
- **2 GB of RAM or better**
- 80 GB hard drive for OS and Security Center applications
- Standard SVGA video card
- 1024 x 768 or higher screen resolution
- 100/1000 Ethernet Network Interface Card
- DVD ROM drive

Medium

- **Dual Core Intel Xeon 2.66 GHz or better**
- **4 GB of RAM or better**
- 80 GB hard drive for OS and Security Center applications
- Standard SVGA video card
- 1024 x 768 or higher screen resolution
- 100/1000 Ethernet Network Interface Card
- DVD ROM Drive

High⁵

- **Quad Core Intel Xeon E5640 2.66 GHz or better**
 - **8 GB of RAM or better**
 - **64 bits operating system**
 - **80 GB SATA II** hard drive or better for OS and Security Center applications
 - Standard SVGA video card
 - 1024 x 768 or higher screen resolution
 - 100/1000 Ethernet Network Interface Card
 - DVD ROM Drive
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Software Requirements

Operating Systems⁶

- Microsoft® Windows 7 Professional SP1 32-bit/64-bit
- Microsoft® Windows XP Pro SP3 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

Database Engines

- SQL Server 2008 Express/Standard/Enterprise (R2)

Browsers

- Internet Explorer 7 / 8 / 9 (for Synergis Web Client and GSC Server Admin)

Virtualization⁷

- VMware vSphere 4.1 (client), ESXi 4.0, ESX 4.1 (server)
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⁴ Archivers may record up to 300 cameras depending on the server's specifications and the recording quality settings. To determine which configuration is best suited for you, contact Sales Engineering at salesengineering@genetec.com

⁵ Requires Windows server 2008 64 bit

⁶ Installation of the Security Center is not supported on a Windows 2003/2008 Server running a Domain Controller

⁷ Virtual machine must run on Windows Server 2008 R2 and VMware Ready hardware