



# **SoftControl**

## **Product line 6.1.398**

Hardware and software  
requirements

## Introduction

### Purpose

The document describes system requirements for the ARUDIT SECURITY, LLC software components of the 6.1.398 product line.

### Notational conventions and terms

#### List of acronyms

This document uses the following acronyms:

- ❖ **CPU** – central processing unit;
- ❖ **DBMS** – database management system;
- ❖ **HDD** – hard disk drive;
- ❖ **OS** – operating system;
- ❖ **RAM** – random access memory.

## Hardware and software requirements

### SoftControl Server system requirements

Table 1. Minimal system requirements

OS	CPU frequency	RAM size	HDD free space			
<b>Client operating systems:</b>						
Microsoft® Windows® 7 (SP1) 32-bit/64-bit	3GHz	4GB	100MB + extra 4GB (for embedded DBMS install- ation)			
Microsoft® Windows® 8 32-bit/64-bit						
Microsoft® Windows® 8.1 32-bit/64-bit						
Microsoft® Windows® 10 32-bit/64-bit						
Microsoft® Windows® 11 64-bit						
<b>Server operating systems:</b>						
Microsoft® Windows® Server 2008 R2 64-bit						
Microsoft® Windows® Server 2012 64-bit						
Microsoft® Windows® Server 2012 R2 64-bit						
Microsoft® Windows® Server 2016 64-bit						
Microsoft® Windows® Server 2019 64-bit						
Microsoft® Windows® Server 2022 64-bit						

#### Additional requirements:

- Microsoft® .NET Framework 4.5.
- Supported databases: Microsoft® SQL Server® 2008, SQL Server® 2012, SQL Server® 2014 SP1, SQL Server® 2016, SQL Server® 2017, PostgreSQL® 11.
- For SQL Server® 2014 Express SP1 or SQL Server® 2012 installation on Windows Server 2008 R2, Service Pack 1 (SP1) should be installed in the system.
- For server operating systems, only desktop installation options are supported.
- Microsoft® Windows® 11 may require the TPM 2.0 and Secure Boot in UEFI mode. A CPU with two or more cores is also recommended.

### SoftControl Admin Console system requirements

Table 2. Minimal system requirements

OS	CPU frequency	RAM size	HDD free space
<b>Client operating systems:</b>			
Microsoft® Windows® 7 (SP1) 32-bit/64-bit	3GHz	4GB	100MB
Microsoft® Windows® 8 32-bit/64-bit			
Microsoft® Windows® 8.1 32-bit/64-bit			

OS	CPU frequency	RAM size	HDD free space
Microsoft® Windows® 10 32-bit/64-bit			
Microsoft® Windows® 11 64-bit			
<b>Server operating systems:</b>			
Microsoft® Windows® Server 2008 R2 64-bit			
Microsoft® Windows® Server 2012 64-bit			
Microsoft® Windows® Server 2012 R2 64-bit			
Microsoft® Windows® Server 2016 64-bit			
Microsoft® Windows® Server 2019 64-bit			
Microsoft® Windows® Server 2022 64-bit			

### Additional requirements:

- Microsoft® .NET Framework 4.5.
- For server operating systems, only desktop installation options with installed component Desktop Experience are supported.
- Microsoft® Windows® 11 may require the TPM 2.0 and Secure Boot in UEFI mode. A CPU with two or more cores is also recommended.

## SoftControl SysWatch system requirements

**Table 3. Minimal system requirements**

OS <sup>1</sup>	CPU frequency	RAM size	HDD free space
<b>Client operating systems:</b>			
Microsoft® Windows® XP (SP2) 32-bit <sup>2,3</sup>	800MHz	512MB	150MB + extra 120MB or more for antivirus database updates
Microsoft® Windows® XP (SP3) 32-bit <sup>2,3</sup>	800MHz	512MB	
Microsoft® Windows® XP (SP2) 64-bit <sup>2,3</sup>	800MHz	512MB	
Microsoft® Windows® XP Embedded (SP2) 32-bit <sup>2,3</sup>	800MHz	256 MB	
Microsoft® Windows® XP Embedded (SP3) 32-bit <sup>2,3</sup>	800MHz	256 MB	
Microsoft® Windows® Embedded for Point of Service 1.0 32-bit <sup>2</sup>	800MHz	256 MB	
Microsoft® Windows® 7 (SP1) 32-bit <sup>4</sup>	1GHz	1GB	
Microsoft® Windows® 7 (SP1) 64-bit <sup>4</sup>	1GHz	2GB	
Microsoft® Windows® 8 32-bit	1GHz	1GB	
Microsoft® Windows® 8 64-bit	1GHz	2GB	
Microsoft® Windows® 8.1 32-bit	1GHz	1GB	
Microsoft® Windows® 8.1 64-bit	1GHz	2GB	
Microsoft® Windows® 10 32-bit	1GHz	1GB	
Microsoft® Windows® 10 64-bit	1GHz	2GB	
Microsoft® Windows® 10 IoT Enterprise 32-bit	1GHz	1GB	
Microsoft® Windows® 10 IoT Enterprise 64-bit	1GHz	2GB	
Microsoft® Windows® 11 64-bit	1GHz	4GB	

OS <sup>1</sup>	CPU frequency	RAM size	HDD free space
<b>Server operating systems:</b>			
Microsoft® Windows® Server 2003 (SP2) 32-bit <sup>2,3</sup>	800MHz	512MB	
Microsoft® Windows® Server 2003 (SP2) 64-bit <sup>2,3</sup>	800MHz	512MB	
Microsoft® Windows® Server 2003 R2 (SP2) 32-bit <sup>2,3</sup>	800MHz	512MB	
Microsoft® Windows® Server 2003 R2 (SP2) 64-bit <sup>2,3</sup>	800MHz	512MB	
Microsoft® Windows® Server 2008 R2 64-bit <sup>4,5</sup>	1.4GHz	512MB	
Microsoft® Windows® Server 2012 64-bit <sup>5</sup>	1.4GHz	512MB	
Microsoft® Windows® Server 2012 R2 64-bit <sup>5</sup>	1.4GHz	512MB	
Microsoft® Windows® Server 2016 64-bit <sup>5</sup>	1.4GHz	2GB	
Microsoft® Windows® Server 2019 64-bit <sup>5</sup>	1.4GHz	2GB	
Microsoft® Windows® Server 2022 64-bit <sup>5</sup>	1.4GHz	2GB	

**Notes:**

1. All popular platforms with the above-mentioned operating systems are supported.
2. Visual C++ 2008 SP1 Redistributable Package x86 (including for 64-bit OSs).
3. Additional operations may be required for Windows XP and Windows Server 2003 (see [Updating SoftControl SysWatch and antivirus bases on Windows XP<sup>\(8\)</sup>](#)).
4. Update KB3033929 or equivalent (support of the SHA-256 algorithm for digital signature verification).
5. Only desktop installation options are supported.

**SoftControl DLP Client system requirements****Table 4. Minimal system requirements**

OS	CPU frequency <sup>1</sup>	RAM size	HDD free space
<b>Client operating systems:</b>			
Microsoft® Windows® XP (SP2) 64-bit <sup>2</sup>	800MHz	512MB	
Microsoft® Windows® XP (SP3) 32-bit <sup>2</sup>	800MHz	512MB	
Microsoft® Windows® XP Embedded (SP3) <sup>2</sup>	800MHz	512MB	
Microsoft® Windows® Embedded for Point of Service 1.0 <sup>2</sup>	800MHz	512MB	
Microsoft® Windows® 7 (SP1) 32-bit <sup>3</sup>	1GHz	1GB	
Microsoft® Windows® 7 (SP1) 64-bit <sup>3</sup>	1GHz	2GB	
Microsoft® Windows® 8 32-bit	1GHz	1GB	
Microsoft® Windows® 8 64-bit	1GHz	2GB	
Microsoft® Windows® 8.1 32-bit	1GHz	1GB	
Microsoft® Windows® 8.1 64-bit	1GHz	2GB	
Microsoft® Windows® 10 32-bit	1GHz	1GB	
Microsoft® Windows® 10 64-bit	1GHz	2GB	

OS	CPU frequency <sup>1</sup>	RAM size	HDD free space
Microsoft® Windows® 10 IoT Enterprise 32-bit	1GHz	1GB	
Microsoft® Windows® 10 IoT Enterprise 64-bit	1GHz	2GB	
<b>Server operating systems:</b>			
Microsoft® Windows® Server 2003 (SP2) 32-bit <sup>2</sup>	800MHz	512MB	
Microsoft® Windows® Server 2003 (SP2) 64-bit <sup>2</sup>	800MHz	512MB	
Microsoft® Windows® Server 2003 (SP2) 32-bit <sup>2</sup>	800MHz	512MB	
Microsoft® Windows® Server 2003 (SP2) 64-bit <sup>2</sup>	800MHz	512MB	
Microsoft® Windows® Server 2008 R2 64-bit <sup>3,4</sup>	1.4GHz	512MB	
Microsoft® Windows® Server 2012 64-bit <sup>4</sup>	1.4GHz	512MB	
Microsoft® Windows® Server 2012 R2 64-bit <sup>4</sup>	1.4GHz	512MB	
Microsoft® Windows® Server 2016 64-bit <sup>4</sup>	1.4GHz	2GB	
Microsoft® Windows® Server 2019 64-bit <sup>4</sup>	1.4GHz	2GB	

**Notes:**

1. Support of the SSE2 instruction set is required for CPU. This instruction set is supported by most CPUs released since 2000. A popular CPU that does not support the SSE2 instruction set is Intel Pentium III (released in 1999, stopped being produced in 2003).
2. Additional operations may be required for Windows XP and Windows Server 2003 (see [Updating SoftControl SysWatch and antivirus bases on Windows XP<sup>\(8\)</sup>](#)).
3. Update KB3033929 or equivalent (support of the SHA-256 algorithm for digital signature verification).
4. Only desktop installation options are supported.

**SoftControl SysCmd system requirements****Table 5. Minimal system requirements**

OS	CPU frequency	RAM size	HDD free space
<b>Client operating systems:</b>			20MB
Microsoft® Windows® XP (SP2) 32-bit <sup>1</sup>	800MHz	512MB	
Microsoft® Windows® XP (SP2) 64-bit <sup>1</sup>	800MHz	512MB	
Microsoft® Windows® XP (SP3) 32-bit <sup>1</sup>	800MHz	512MB	
Microsoft® Windows® XP Embedded (SP2) <sup>1</sup>	800MHz	512MB	
Microsoft® Windows® XP Embedded (SP3) <sup>1</sup>	800MHz	512MB	
Microsoft® Windows® Embedded for Point of Service 1.0 <sup>1</sup>	800MHz	512MB	
Microsoft® Windows® 7 (SP1) 32-bit <sup>2</sup>	1GHz	1GB	
Microsoft® Windows® 7 (SP1) 64-bit <sup>2</sup>	1GHz	2GB	
Microsoft® Windows® 8 32-bit	1GHz	1GB	

OS	CPU frequency	RAM size	HDD free space
Microsoft® Windows® 8 64-bit	1GHz	2GB	
Microsoft® Windows® 8.1 32-bit	1GHz	1GB	
Microsoft® Windows® 8.1 64-bit	1GHz	2GB	
Microsoft® Windows® 10 32-bit	1GHz	1GB	
Microsoft® Windows® 10 64-bit	1GHz	2GB	
Microsoft® Windows® 10 IoT Enterprise 32-bit	1GHz	1GB	
Microsoft® Windows® 10 IoT Enterprise 64-bit	1GHz	2GB	
<b>Server operating systems:</b>			
Microsoft® Windows® Server 2003 (SP2) 32-bit <sup>1</sup>	800MHz	512MB	
Microsoft® Windows® Server 2003 (SP2) 64-bit <sup>1</sup>	800MHz	512MB	
Microsoft® Windows® Server 2003 (SP2) 32-bit <sup>1</sup>	800MHz	512MB	
Microsoft® Windows® Server 2003 (SP2) 64-bit <sup>1</sup>	800MHz	512MB	
Microsoft® Windows® Server 2008 R2 64-bit <sup>2,3</sup>	1.4GHz	512MB	
Microsoft® Windows® Server 2012 64-bit <sup>3</sup>	1.4GHz	512MB	
Microsoft® Windows® Server 2012 R2 64-bit <sup>3</sup>	1.4GHz	512MB	
Microsoft® Windows® Server 2016 64-bit <sup>3</sup>	1.4GHz	2GB	
Microsoft® Windows® Server 2019 64-bit <sup>3</sup>	1.4GHz	2GB	

**Notes:**

1. Additional operations may be required for Windows XP and Windows Server 2003 (see [Updating SoftControl SysWatch and antivirus bases on Windows XP<sup>\(8\)</sup>](#)).
2. Only desktop installation options are supported.

## Supplemental information

### Updating SoftControl SysWatch and antivirus bases on Windows XP

Depending on Service Pack, Windows XP either does not support new certificates at all or supports them not completely. It is related to the fact that newer algorithms (SHA-256) were used for generating the certificates.

To ensure that SoftControl products are updated properly, perform the operations described in this section for the update modules.

Follow steps in this section to ensure proper update of the SoftControl SysWatch application and antivirus bases on 32-bit Windows XP.

Note. If you install version 5.1.79 or later of SoftControl SysWatch and it is the first installation of the application on your computer, these actions are not required: all updates will be performed properly. For SoftControl DLP and SoftControl SysCmd, you do not need to perform instructions from this section if you have version 6.0.95 or later.

1. Open the client settings editor in SoftControl Admin Console.
2. Go to **Modules**.
3. Click on .
4. On **Identification data of the module** tab, enter the module name (the name of the executable file) and its path according to the table below.

**Table 6. Update modules**

Component for updating	Module name	Path
SoftControl SysWatch	snsupd.exe	C:\PROGRAM FILES\SOFTCONTROL\SYSWATCH\
SoftControl SysCmd	upd.exe	C:\Program Files\SoftControl\SysCmd\Updater
SoftControl DLP Client	upd.exe	C:\Program Files\SafenSoft\DLP Client\Updater

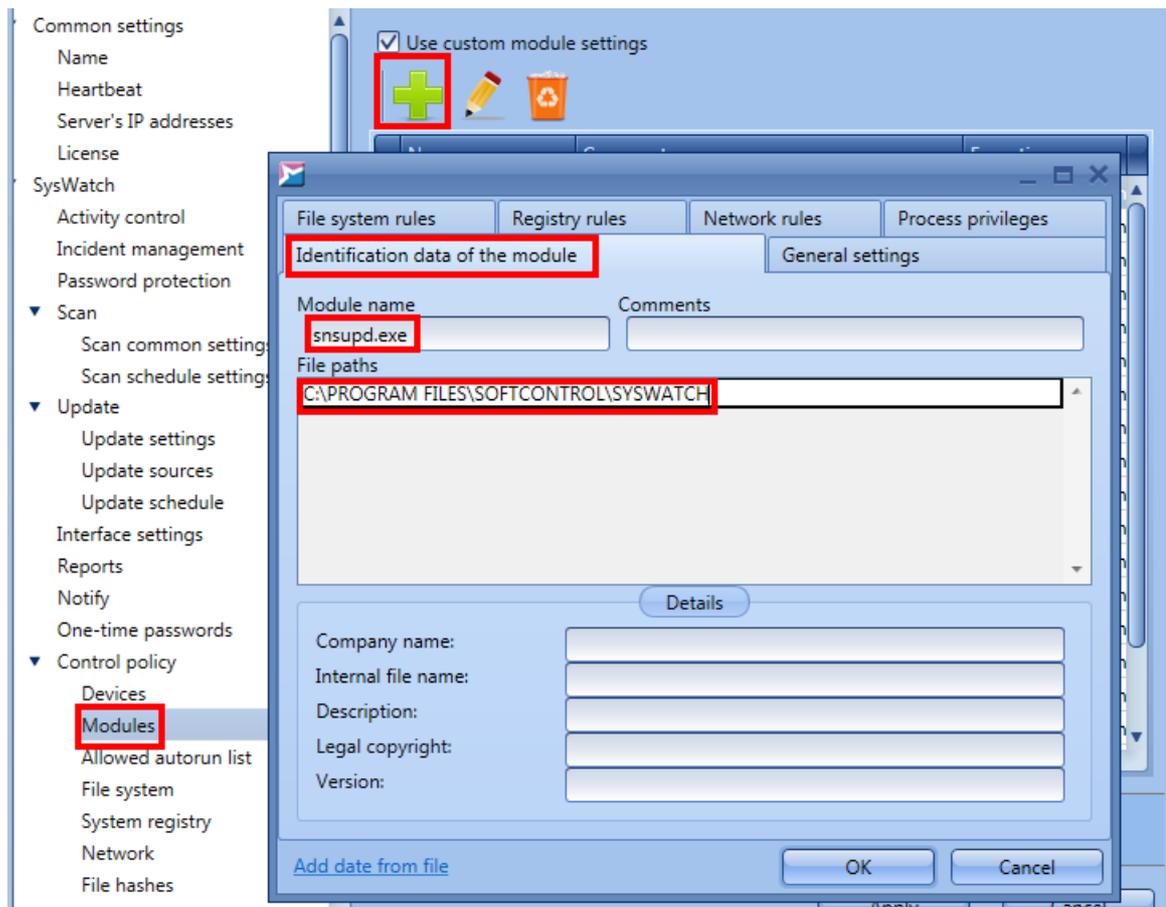


Figure 1. Setting up an update module (for SoftControl SysWatch)

5. On **General settings** tab, select **Trusted application** execution zone and check **Enable software update mode**.

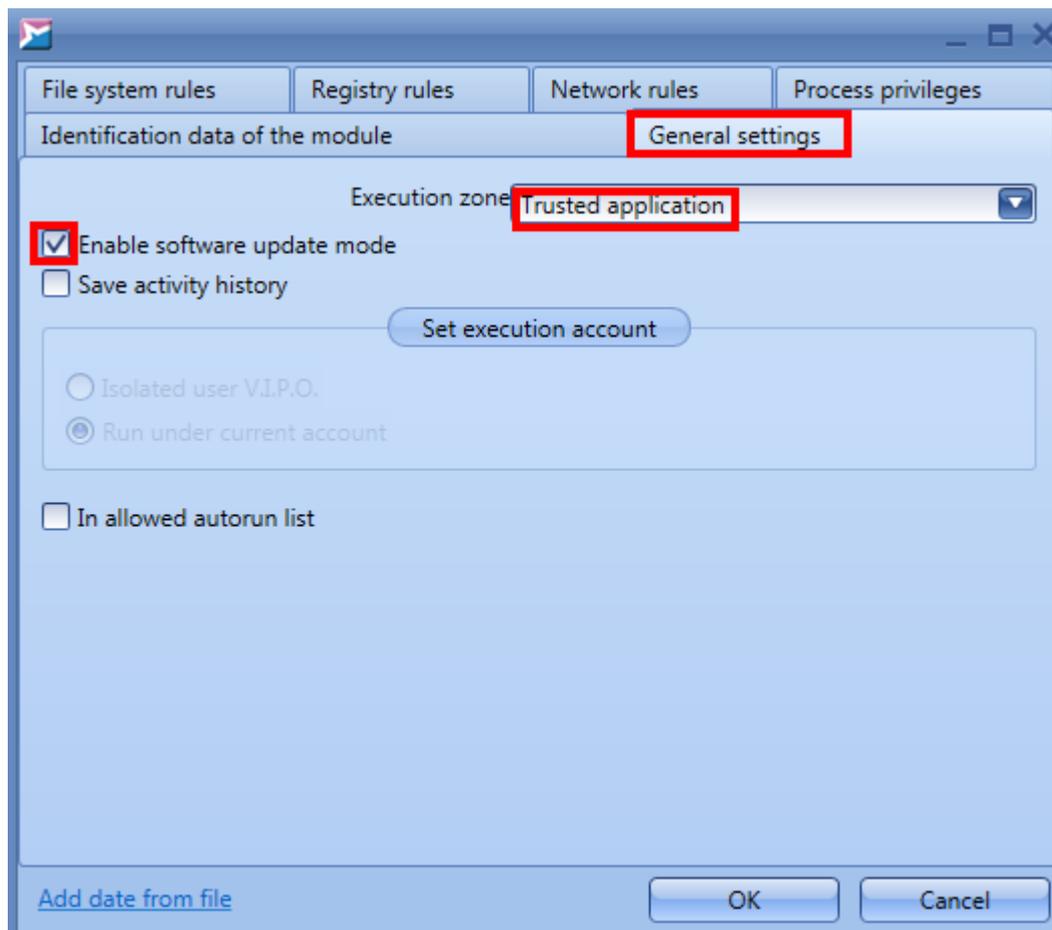


Figure 2. Adding the module to trusted applications

6. Click **OK**.
  7. Save the client settings under a new name and apply them to the organizational unit of the clients that require updating.
- If you are setting up updating for SoftControl SysWatch, now you can create a task to update the antivirus bases or wait for a scheduled update.