

## Software protection of AxisVM

*Software key protection* allows launching the program on the machine where the software key is installed. The license can be ordered with an individual or network access and has the same properties as a dongle. Software keys can be transferred to another machine using a tool (see later). After transferring a software license the program will run only on the other machine and fails to run on the first one.

**Software license is linked to the hardware elements of the computer, therefore any change in the hardware (replacement of the motherboard, CPU, Ethernet card, hard drive, optical drive or other built-in peripherals) could invalidate the license.**

To prevent such loss the license always must be transferred temporarily to another machine before changing the hardware, replace the hardware element then transfer the license from the other machine.

### *Sentinel SL software key*

Sentinel SL is not a physical device attached to a port but a software key specific to the given hardware. It cannot be copied directly but can be transferred to another machine using the RUS tool of the protection package (see details below).

Software key may be a reasonable solution if storage, connection or protection of the physical key raises problems.

As the software key is stored on the hard drive / SSD of the machine, viruses, malware or flaws in the update of the operating system may corrupt the key. In this case another software key must be purchased.

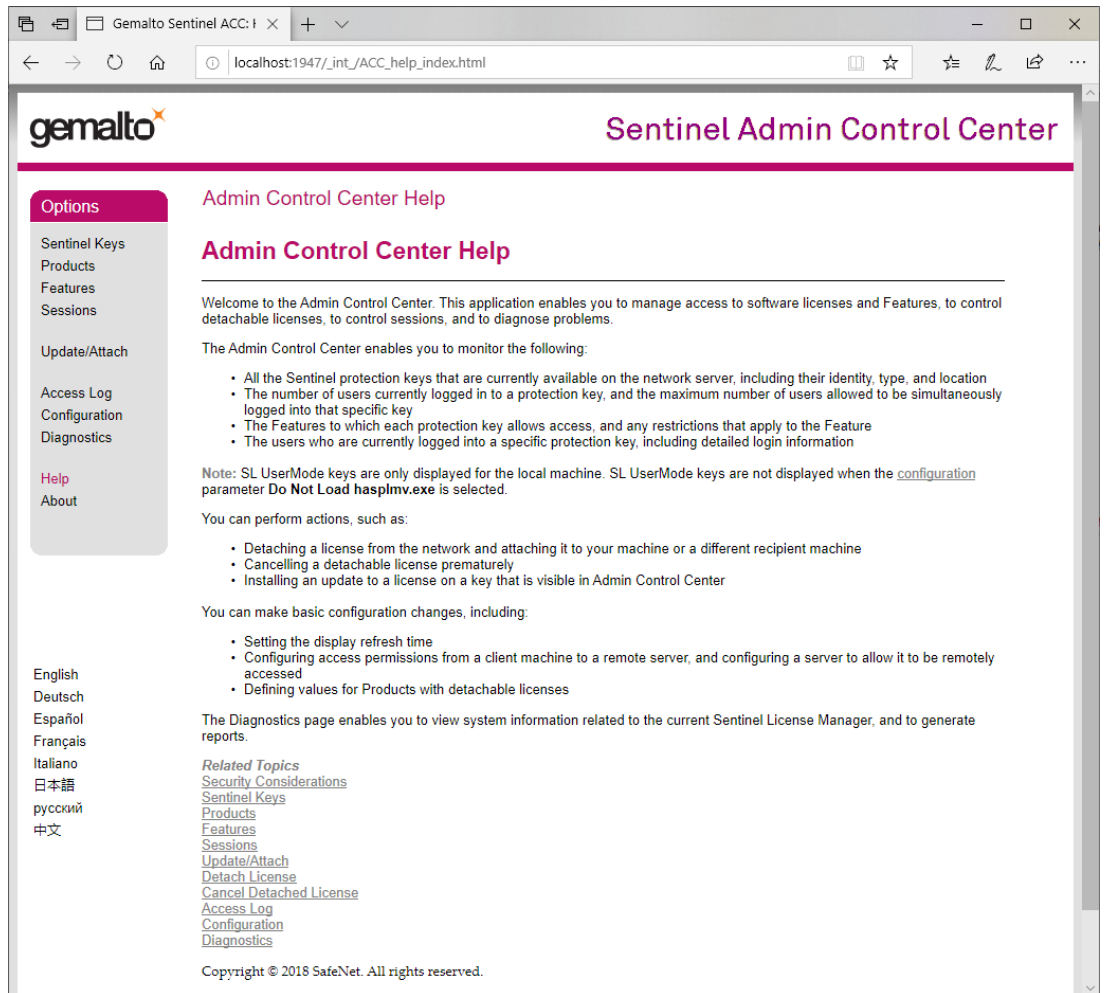
### *Installing Sentinel HASP Run-time Environment*

A software key requires the installation of the Sentinel HASP Run-time Environment.

Download it from [www.axisvm.eu](http://www.axisvm.eu) (find it under Downloads / Download Sentinel driver) or look for InstallSentinelRuntime.exe in the Sentinel LDK folder of your AxisVM installation.

### *Sentinel Admin Control Center*

To check the status of the environment run your internet browser on the server then type <http://localhost:1947>. The Sentinel Admin Control Center will be displayed.



The Admin Control Center provides overview of the Sentinel HL and SL keys, their usage information and helps disconnecting clients from licenses. Choose Sentinel Keys from the menu on the left to display the list of available keys on the network.

If more than one hardware key is plugged and you are not sure which one belongs to AxisVM select Products from the menu on the left. The list of keys will be reorganized by protected products. Look for the one protecting AxisVM.

*Requesting a Sentinel SL software license*

A software key requires the installation of the Sentinel HASP Run-time Environment. See Installing Sentinel HASP Run-time Environment above for the details. After completing the installation run the RUS\_AxisVM\_En.exe application from the SentinelRuntime subfolder in the AxisVM installation folder.

To request a software license select the option Installation of new protection key at the bottom and click on the Collect information button.

Save the file with c2v extension generated by this application and send it attached to a license request email to your AxisVM distributor.

*Applying a Sentinel SL software license*

Software license is a v2c file sent by your distributor. Save it to your computer.

Run the RUS\_AxisVM\_En.exe application from the SentinelRuntime subfolder in the AxisVM installation folder. Choose the Apply License File tab and enter the file name with full path to the Update File field or click on the [...] button to browse.

Clicking on the Apply Update button activates the software license.

Check your license using the Admin Control Center tool (see above). Choose Sentinel Keys from the menu on the left, and check if your Sentinel SL license appears in the list.

*Sentinel SL*  
*License transfer*

A software license can be transferred to another machine. After completing the transfer AxisVM will run only on the other machine (works just like a hardware protection key removed and plugged into the other machine). To transfer the license run the RUS\_AxisVM\_En.exe application on the other machine too, select the Transfer License tab and generate a recipient information file (\*.id) and copy that file to the first machine. Go back to the first machine, select the Transfer License tab, go to the Read the recipient information file from field, click on the [...] button and load the \*.id file you have copied from the other machine, fill out the Generate the license transfer file to field then click on the Generate License Transfer File button. Copy the generated file with h2h extension to the other machine, go there, select the Apply License File tab, go to the Update File field, browse for the h2h file you have copied and click on Apply Update.