



# Activation Guide

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# 1 Activation Guide. Introduction.

On page:
<ul style="list-style-type: none"><li>• <a href="#">General information</a></li><li>• <a href="#">Purpose of the document</a></li></ul>

## 1.1 General information

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## 1.2 Purpose of the document

The [Axxon Next software system Activation Manual](#) provides the information necessary for licensing the *Axxon Next* software system.

The chapters titled [Activation Guide. Introduction.](#) and [Overview on licensing the Axxon Next software system](#) are intended as general guidance on the *Axxon Next* licensing process.

The chapter [Activating Axxon Next Free](#) contains instructions for activating your *Axxon Next Free* license.

The chapter [Activating Axxon Next](#) contains instructions for activating your paid license of *Axxon Next*.

The chapter [Upgrading Axxon Next](#) contains instructions for upgrading your paid license of *Axxon Next*.

A description of additional actions that may be carried out with the license utility is provided in the [Additional license utility actions](#).

[Generating license files via the licensing web server](#) chapter provides instructions on generating license files.

## 2 Overview on licensing the Axxon Next software system

### 2.1 Types of licenses

There are 5 types of *Axxon Next* license: **Demo**, **Free**, **Start**, **Professional**, and **Universe**. Upon installation, the software will be launched in demo mode.

You should activate Axxon Next VMS to utilize the full feature set of the security software package. You can activate the software by distributing an activation key on the system.

As for validity of the license, there are two types:

- Unlimited
- 1 year subscription

Data on all the types of Axxon Next licenses is presented below.

Functionality	Type of license	Axxon Next Demo (8:00-18:00)*	Axxon Next Free	Axxon Next Professional
Maximum number of Servers in Axxon domain		Unlimited	1	Unlimited
Maximum number of channels in Axxon domain		Unlimited	4	Unlimited
Support for SD cards (edge storage)		Yes	No	Yes
Macros		Yes	No	Yes
Situation analysis detection tools (excluding line crossing)		Yes	No**	Yes
Line crossing		No	No	Yes
Events from external systems (POS terminals, ACFA)		Yes	No	Optional
Scene synopsis (TimeCompressor)		No	No	Yes
Cross-System Client		No	No	Yes
Advanced archive search: <ul style="list-style-type: none"> <li>• MomentQuest</li> <li>• Face search</li> <li>• LPR search***</li> </ul>		Yes	No	Yes
Tag&Track Pro		Yes	No	Yes
Retail Analytics: <ul style="list-style-type: none"> <li>• Visitors counter</li> <li>• Queue detection</li> <li>• Heat map</li> <li>• AxxonNet reports</li> </ul>		Yes	No	Yes
Face recognition evasion detection		Yes	No	Yes

Neural Tracker	Yes	No	
Smoke and fire detection	Yes	No	
Neural Counter	Yes	No	
Pose detection	Yes	No	
Personal protective equipment detection	Yes	No	
Water level detection	Yes	No	
IntelliVision Automatic Number Plate Recognition	No	No	
Real-time facial recognition	Yes	No	
FaceCube external face recognition module	No	No	
Real-time vehicle license plate recognition*****	Yes	No	
Searching for LPR numbers on video from multiple cameras	Yes	No	
Data replication	No	No	
Failover	No	No	
Video walls management	Yes	No	
LDAP authentication supported	Yes	No	
Offline analytics	No	No	
<b>System features available for all licenses</b>			
<p style="text-align: center;"><b>Hardware</b></p> <p style="text-align: center;">Control panels</p> <p style="text-align: center;">Security keyboards</p> <p style="text-align: center;">Joysticks</p> <p style="text-align: center;">I/O modules</p>	Unlimited	Unlimited	Unlimited
<a href="#">AxxonNet cloud service</a>	Yes	Yes	

<p><b>Server</b></p> <ul style="list-style-type: none"> <li>Support for ONVIF (profiles G, S, T), RTSP, GB/T28181</li> <li>H.265 support</li> <li>Metadata from IP devices</li> <li>Configuration backup and restore</li> <li>Mass configuration of cameras</li> <li>Multicasting</li> <li>Hotkeys</li> </ul>	<p>Yes</p>	<p>Yes</p>	
<p><b>Recorded Video / Investigation</b></p> <ul style="list-style-type: none"> <li>Local and network archives</li> <li>Events search</li> <li>TimeSlice</li> <li>Operator comments</li> </ul>	<p>Yes</p>	<p>Yes</p>	
<p><b>Live Monitoring</b></p> <ul style="list-style-type: none"> <li>Basic audio and video analytics</li> <li>Embedded detection tools (except for Axis on-board tracker *****)</li> <li>Interactive 3D map</li> <li>GreenStream</li> <li>Tag&amp; Track Lite</li> <li>OnScreen PTZ mode</li> <li>Support for fisheye cameras and ImmerVision lenses</li> <li>Export of snapshots and video episodes to multiple formats</li> <li>Information boards</li> </ul>	<p>Yes</p>	<p>Yes</p>	
<p><b>Remote clients</b></p> <ul style="list-style-type: none"> <li>Web client</li> <li>iOS app (including Apple TV)</li> <li>Android app</li> </ul>	<p>Yes</p>	<p>Yes</p>	

Information about the type of license you are using is displayed in the server properties in the **Product Type** field.

\* The system will operate in demo mode from 8:00 AM to 6:00 PM.


\*\* Axxon Next Free license allows you to further use metadata from core VMD with any Scene Analytics detection tool except line crossing and abandoned objects tools.

\*\*\* Please contact our sales team to confirm if LPR country is supported and find out more about licensing policy.

\*\*\*\* Axxon Next Start license allows you to use metadata from a basic VMD with the MomentQuest forensic search.

\*\*\*\*\* To use VT and IV automatic number plate recognition tools, you have to re-activate the updated license of the ANPR.

\*\*\*\*\* the module has to be purchased separately.

 **Note**

You (**admins** users) get a reminder to renew license 30 days before it expires.

## 2.2 Licensing methods for Axxon Next

There are two licensing methods for Axxon Next:

1. License file only

The license file contains data on basic hardware configuration (motherboard, processor, hard disk, video adapter, RAM, and network card) of all Servers. If you change any 2 of the basic hardware components, your license will be invalid. For example, this is the case when you change both CPU and motherboard. However, changing a graphics card or upgrading RAM will not affect the license.

This is why when working with Axxon Next you should bear in mind the following:

- a. The activation request should be sent from the computer that will host the Axxon Next Server.
- b. You can upgrade your license only if you retain the initial basic hardware configuration of all the Servers.
- c. It is not possible to transfer a license from one computer to another.

2. License file + Guardant dongle.

this method allows replacing server hardware and transferring the license to another computer. To activate Axxon Next via this method, contact AxxonSoft to receive a license file and Guardant dongle.

If you already have a Guardant dongle, you can perform activation yourself. To do so, connect the Guardant dongle to the computer that you wish to activate and perform the standard activation steps.

 **Attention!**

You may use a Guardant Sign key with Linux.

 **Note**

If you install virtualization products such as VirtualBox, VmWare etc. , this may affect the license. Should you encounter this problem, you are advised to uninstall all virtualization products or apply for a new license file

## 2.3 Product license utility

Activating an *Axxon Next* license is done through the product license utility.

The product license utility is launched from the *Windows Start* menu: **Start -> Programs -> Axxon Next -> Utilities -> Product Activation.**

 **Note.**

The product license utility executable file LicenseTool.exe is located in the following directory: <Directory where Axxon Next is installed>\AxxonSoft\AxxonSmart\bin\

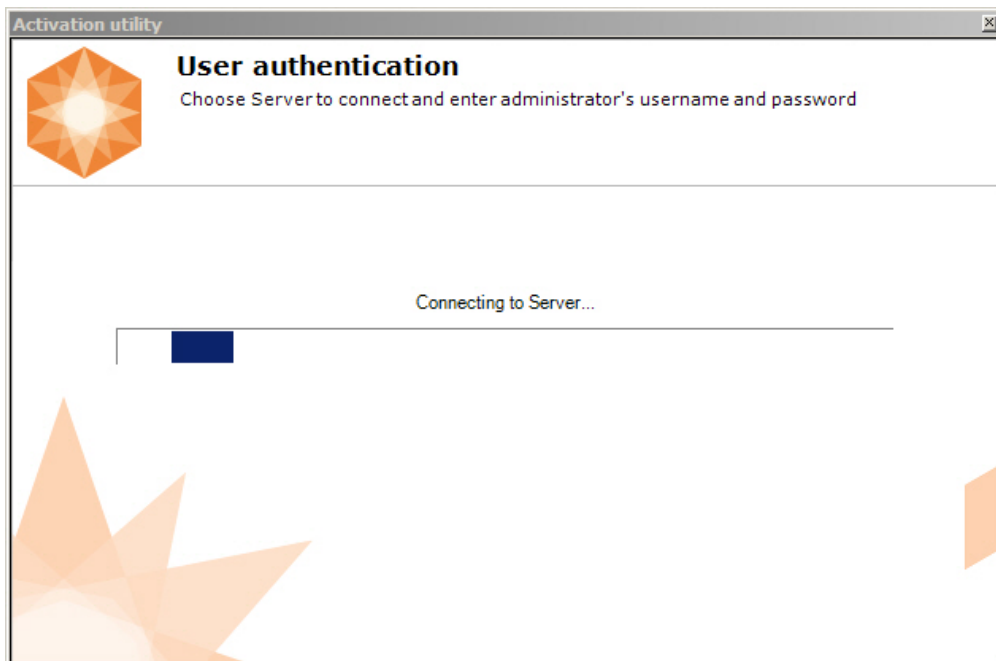
Next, select the name of one of the Axxon-domain servers, which will provide the license file (this file is distributed to all servers running at the time of activation of this Axxon-domain), and login to the system using the *Axxon Next* administrator name and password, to continue the activation process.

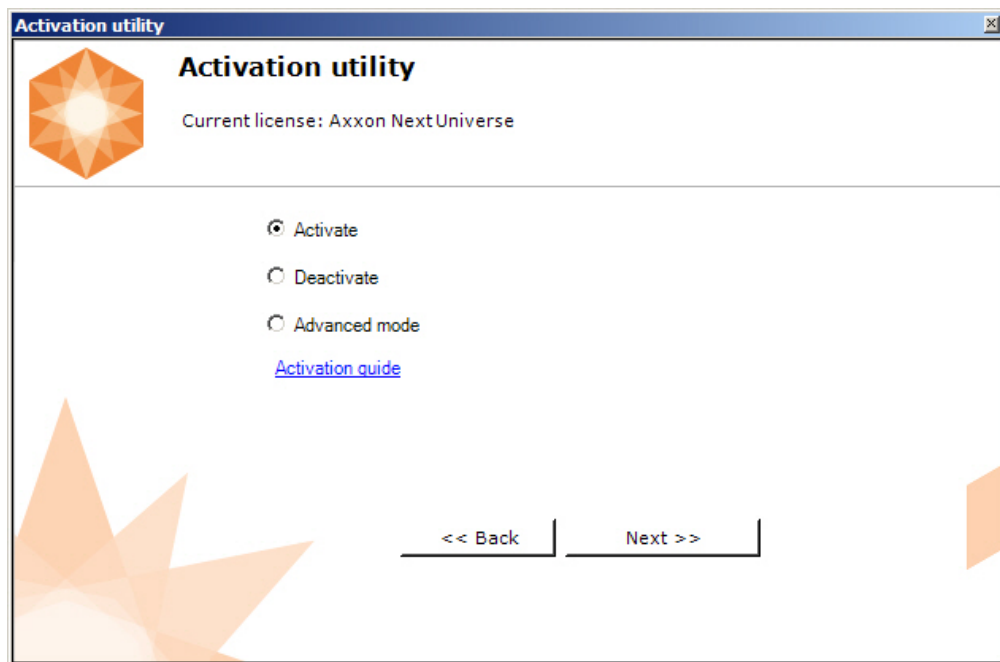


After the download is complete the license utility will display the home screen.

**Note**

To activate Axxon Next, connect to a Server in the Axxon domain. Otherwise, an error message appears.

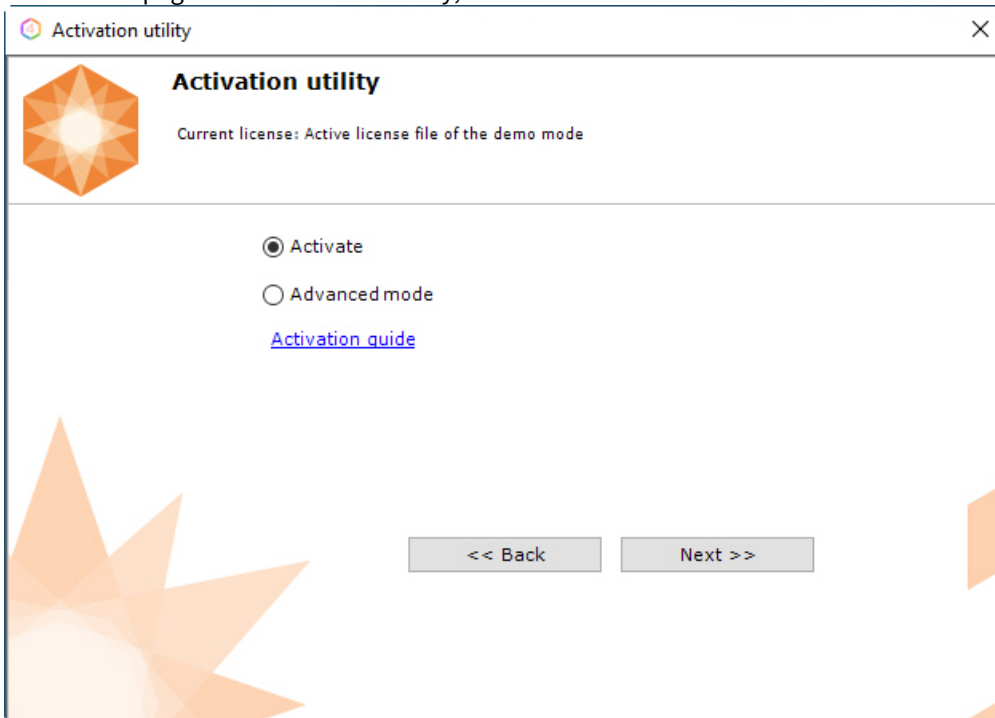




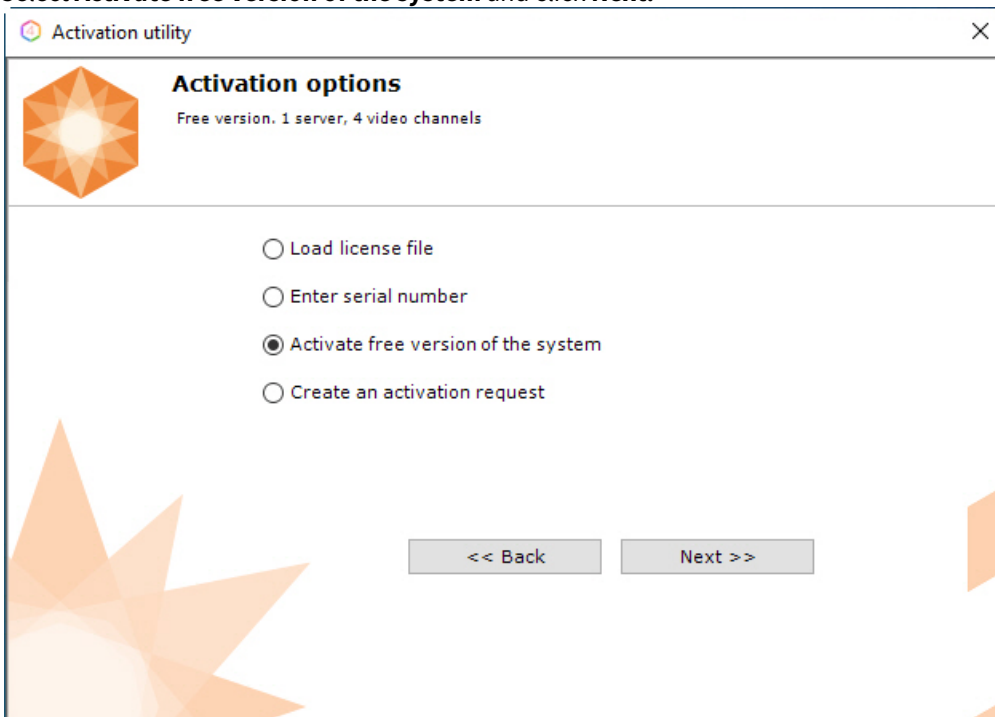
### 3 Activating Axxon Next Free

To activate Axxon Next Free, do as follows:

1. On the main page of the activation utility, select **Activate** and click **Next**.

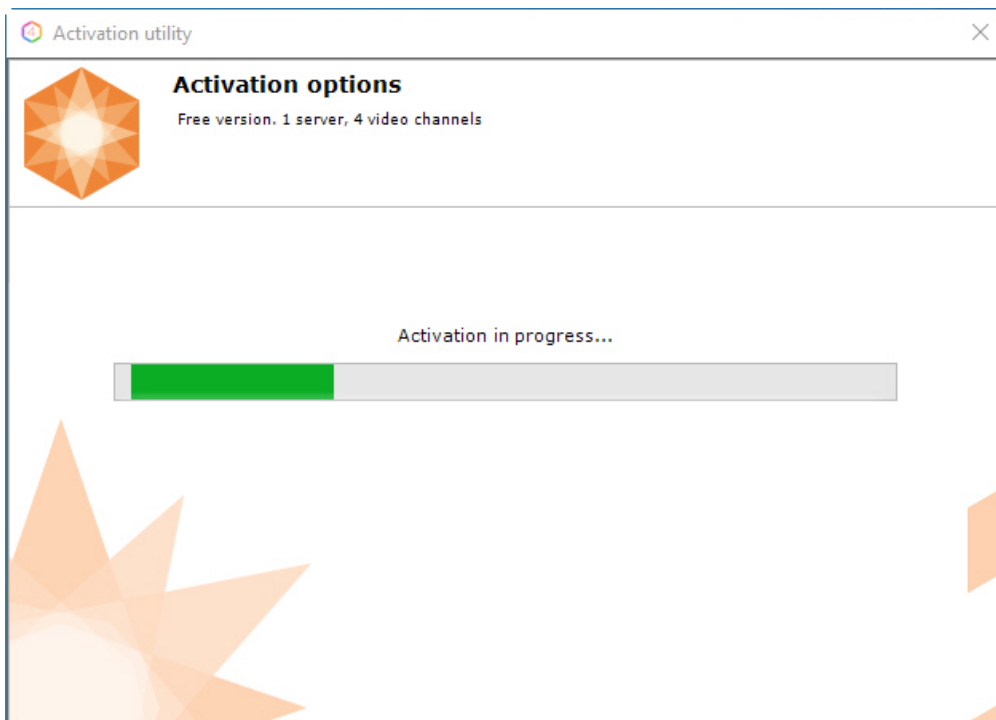


2. Select **Activate free version of the system** and click **Next**.

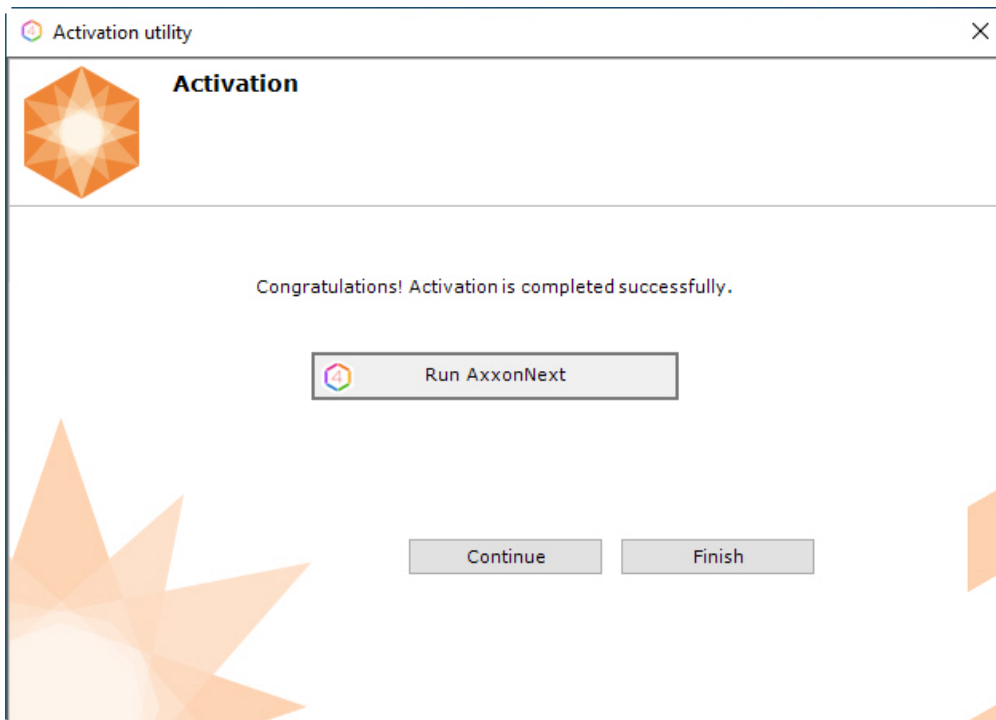


**⚠ Attention!**  
 You cannot activate VMS, if you have over 4 cameras set up in the system.

Your activation request will be sent online.



If activation is completed successfully on the licensing server (<https://sale.axxonsoft.com/>), the license file will be automatically downloaded and distributed within the system.

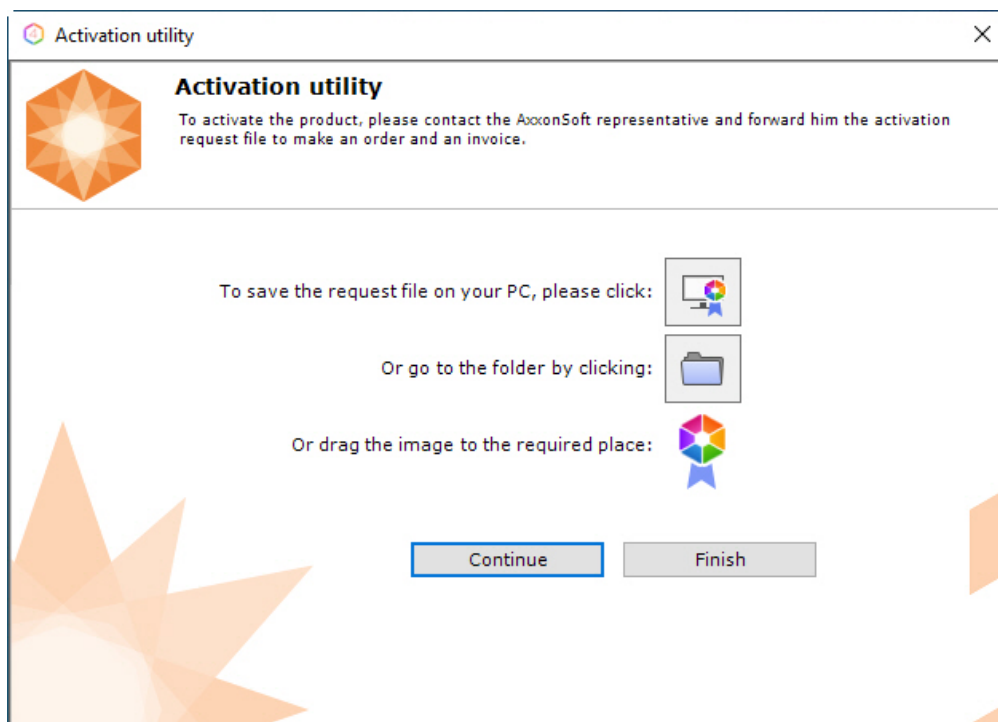





You have completed your Axxon Next Free activation.

**Note**

Click **Continue** to return to the Activation Utility home page. To exit, click **Finish**. To close the utility and start the **Axxon Next** client, click **Run Axxon Next**.

If your computer is offline, you will be prompted to save the activation request file using any of the following methods:



1. Click the  button in the standard *Windows* dialog box to browse for file location and enter the name.
2. Click the  button. The folder that contains the request file opens.
3. Drag and drop the  image to the destination folder.

Submit the request file to an AxxonSoft rep. You can also generate an activation key on your own through the licensing server's Web interface (see [Generating the Axxon Next Free license file](#)) and download the license file to the system (see [Activation by applying license file](#)).

**⚠ Attention!**

The Axxon Next Server must be restarted after activation.

## 4 Activating Axxon Next

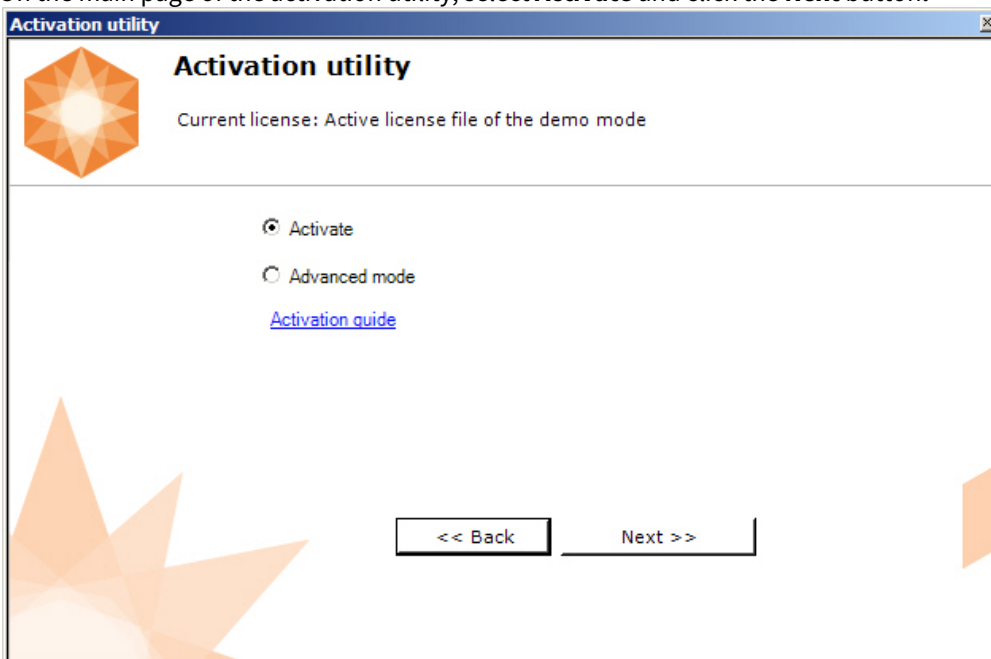
To activate your Axxon Next, do as follows:

1. Create an activation request file. Submit it to an AxxonSoft rep.
2. Payment and delivery of the license file or serial number.
3. License activation.

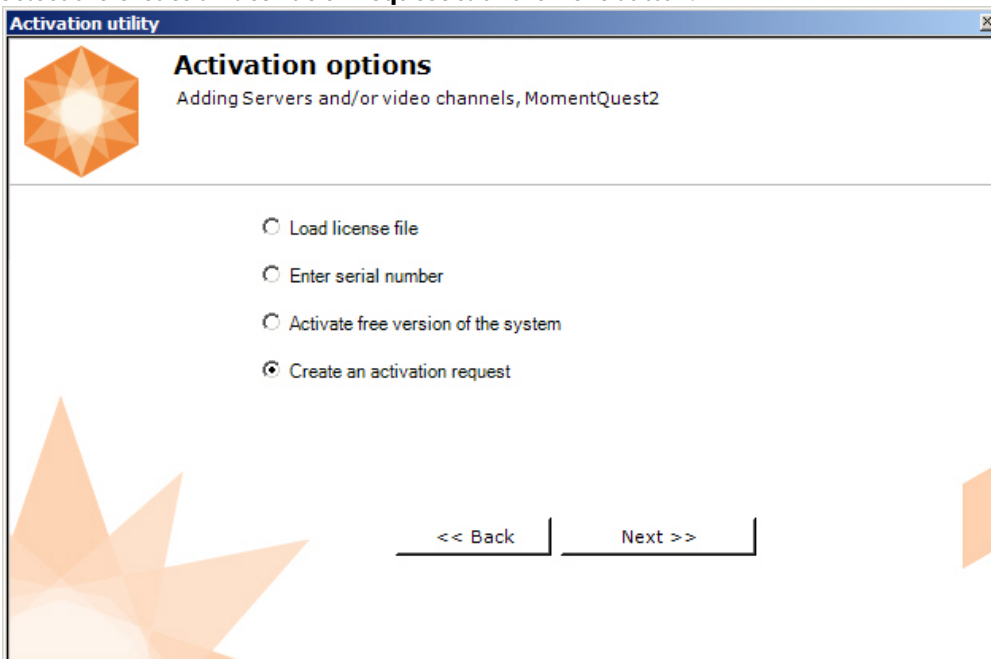
### 4.1 Creating an activation request

To create an activation request, do as follows:

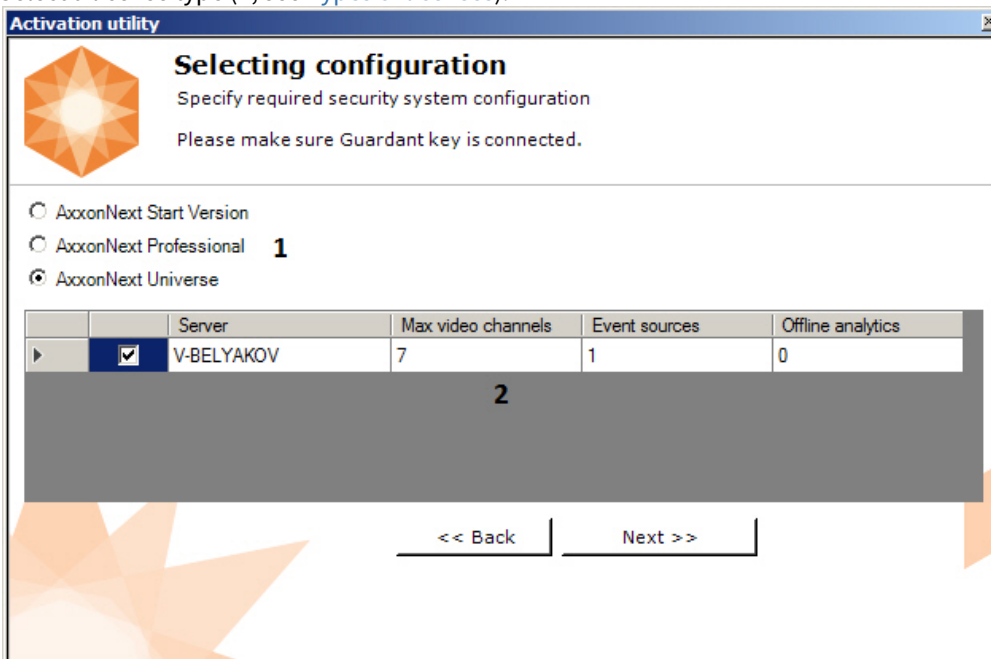
1. In demo mode, you can add servers to your Axxon domain, if you want to create a distributed system.
2. On the main page of the activation utility, select **Activate** and click the **Next** button.



3. Select the **Create an activation request** click the **Next** button.



4. Select a license type (1, see [Types of licenses](#)).



5. Select servers and the required feature set (2).

- a. Number of video channels (for all license types);
- b. The number of NVR video channels (for all license types);
- c. The number of sources for external events (specify the number of connections (the [Event Source](#) objects) for Start, Professional and Universe licenses)
- d. Forensic Search in recorded video (Optional only for Professional license). This specifies the maximum allowed quantity:
  - i. The Object Tracking objects.
  - ii. Automatic Number Plate Recognition tools (ANPR)
  - iii. Face detection tools
  - iv. Smoke and fire detection tools
  - v. PTZ cameras to use with Tag & Track.

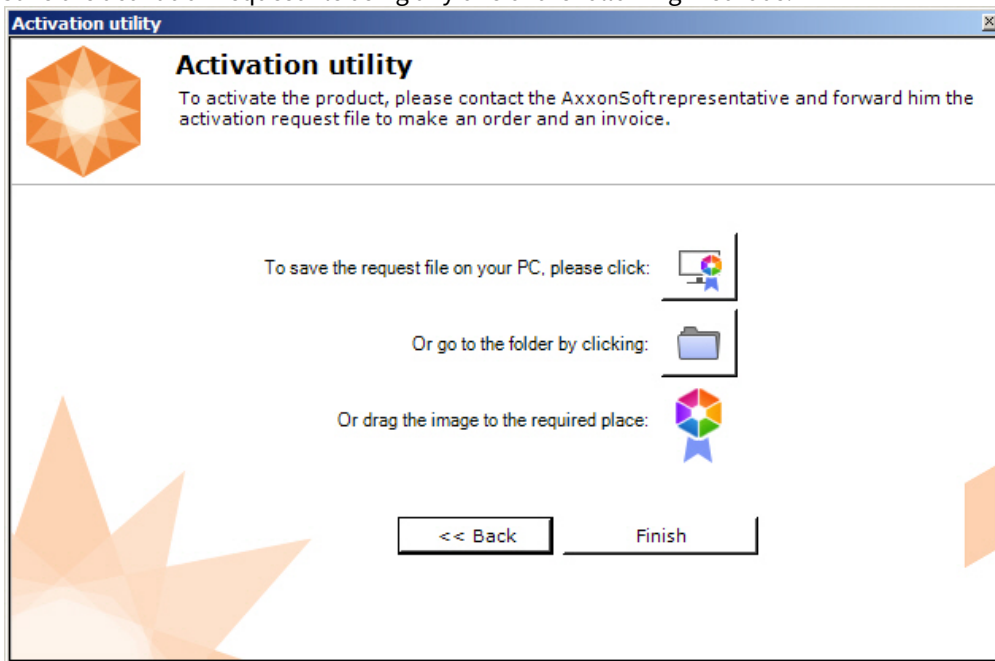
**⚠ Attention!**  
Turning off a detector does not de-activate its license.




- e. The number of video channels available for face recognition (see [Configuring real-time facial recognition](#), Professional and Universe licenses).
- f. The number of video channels for online ANPR (see [Configuring real-time vehicle license plate recognition](#), Professional and Universe licenses).
- g. Analyze video from external systems (Offline Analytics, only for Universe license).

**i Note**  
When you create a request file, all servers in the Axxon domain must be online. If the server on which you are creating the request file, cannot connect to any selected server, the request file cannot be created.

**⚠ Attention!**  
There is no license type selection window in Axxon Next 4.5.6 and later versions. The request file is created upon the activation request.

6. Save the activation request file using any one of the following methods:



- a. Click the  button in the standard *Windows* dialog box to browse for file location and enter the name.
- b. Click the  button. The folder that contains the request file opens.
- c. Drag and drop the  image to the destination folder.

You have created an activation request file.

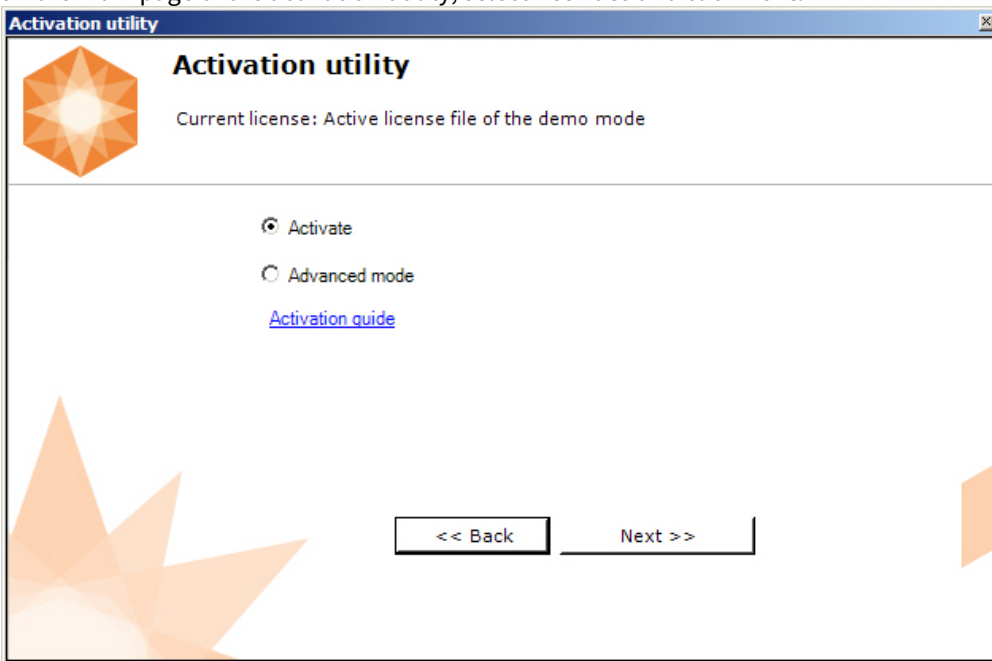
**Note**

To return to the Home page of the activation utility, click **Back**, to exit it - click **Finish**

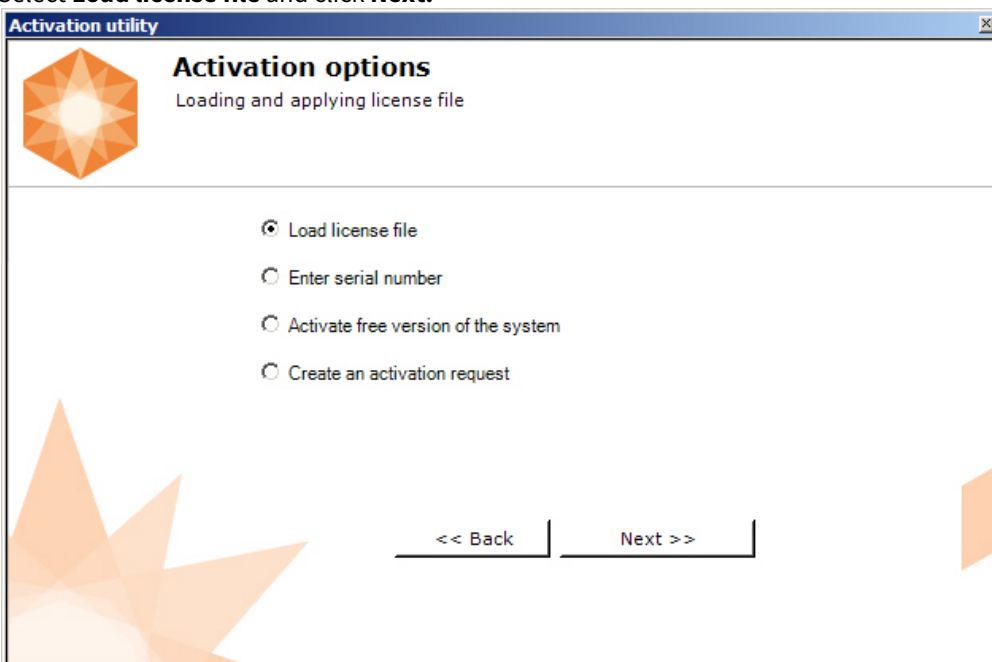
## 4.2 Activation by applying license file

You can apply your Axxon Next license file as follows:

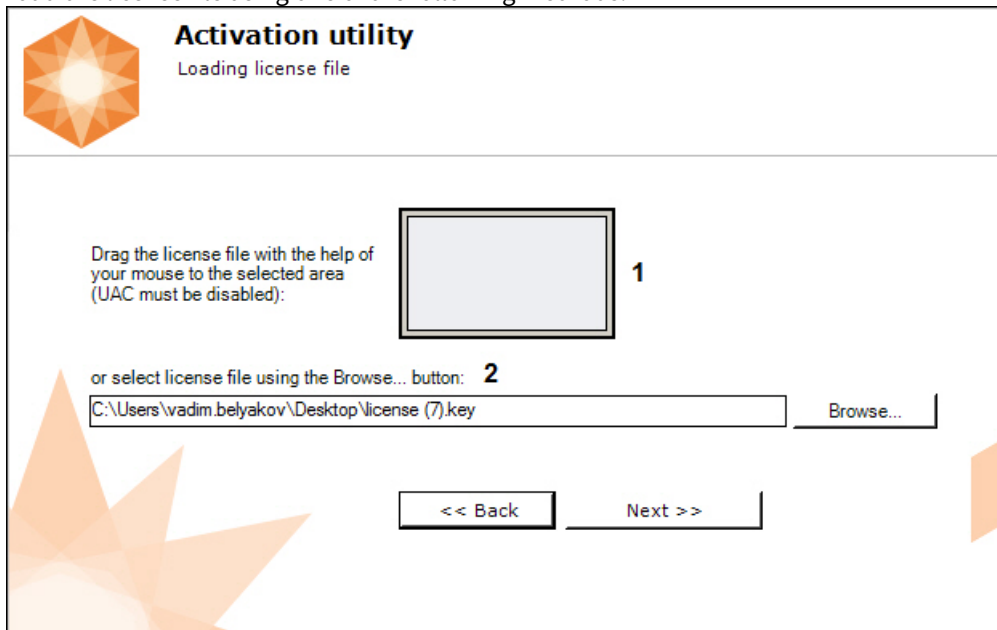
1. On the main page of the activation utility, select **Activate** and click **Next**.



2. Select **Load license file** and click **Next**.



3. Load the license file using one of the following methods:



- a. drag and drop the license file to the selected area (1).
- b. click the **Browse** button and select a license file (2).

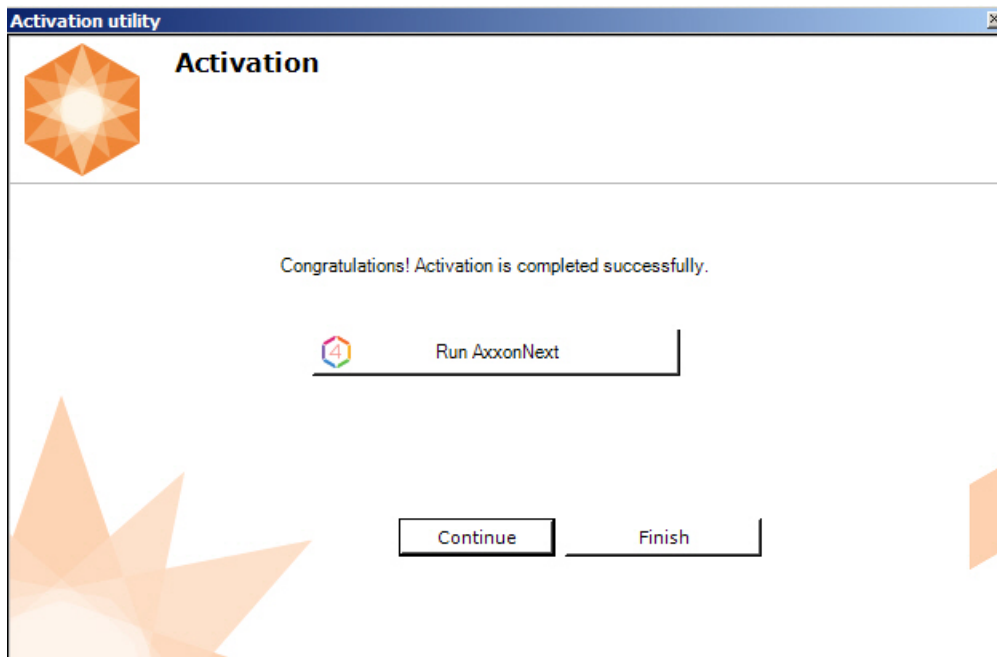
4. Click the **Next** button.

This will load the license file.

**⚠ Attention!**

The license file defines configuration of the system (the maximum number of servers, video channels and detection tools).

If completed successfully, a message is displayed.



You have activated Axxon Next.

**Attention!**

The Axxon Next Server must be restarted after activation.

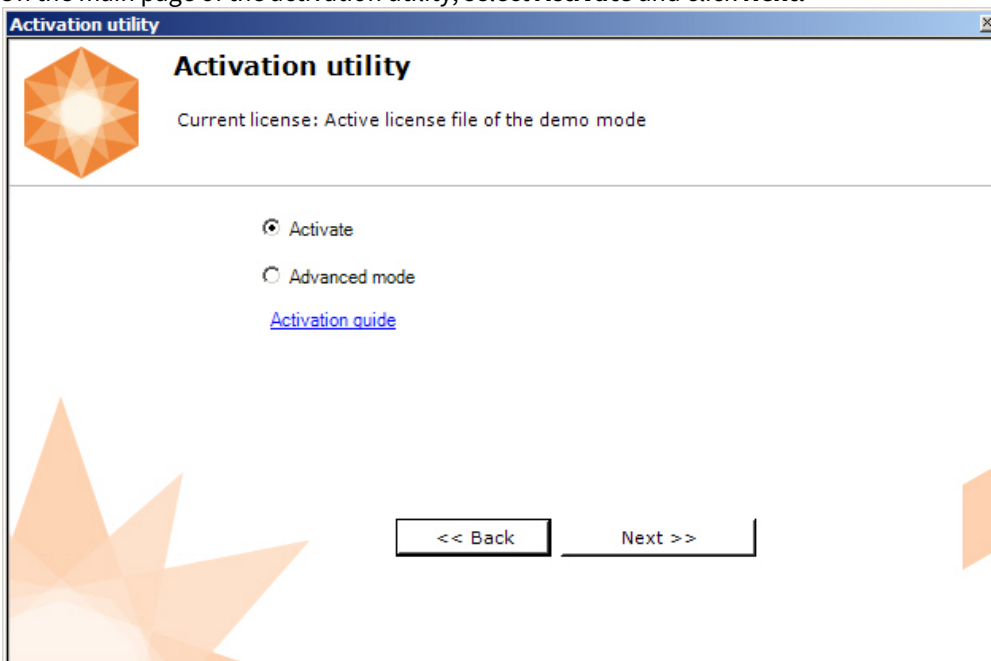
**Note**

Click **Continue** to return to the Activation Utility home page. To exit, click **Finish**. To close the utility and start the **Axxon Next** client, click **Run Axxon Next**.

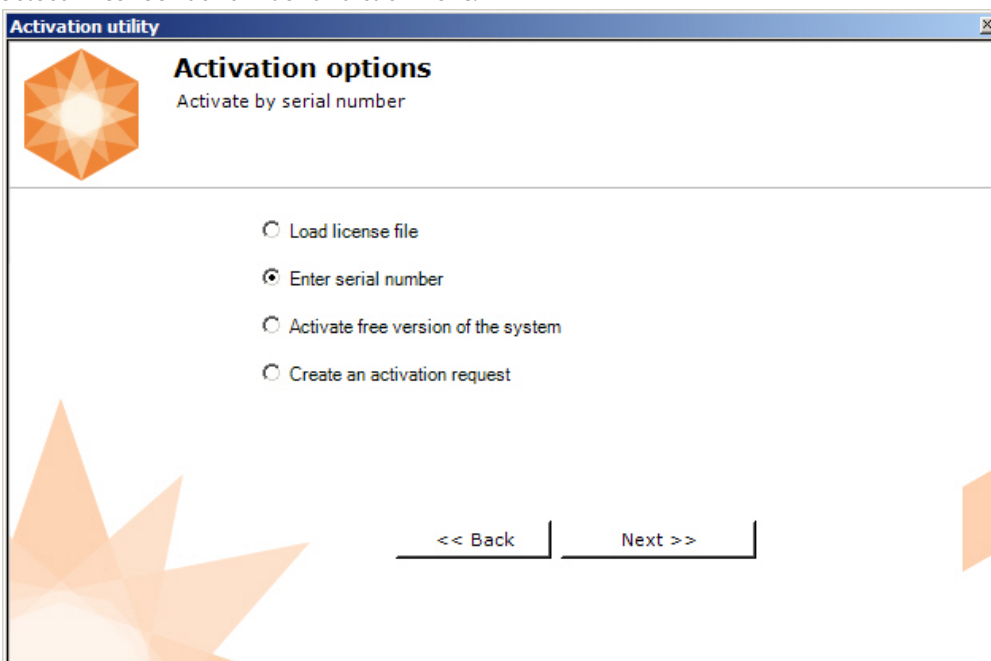
### 4.3 Activation with serial number

If you have a serial number, you can activate Axxon Next follows:

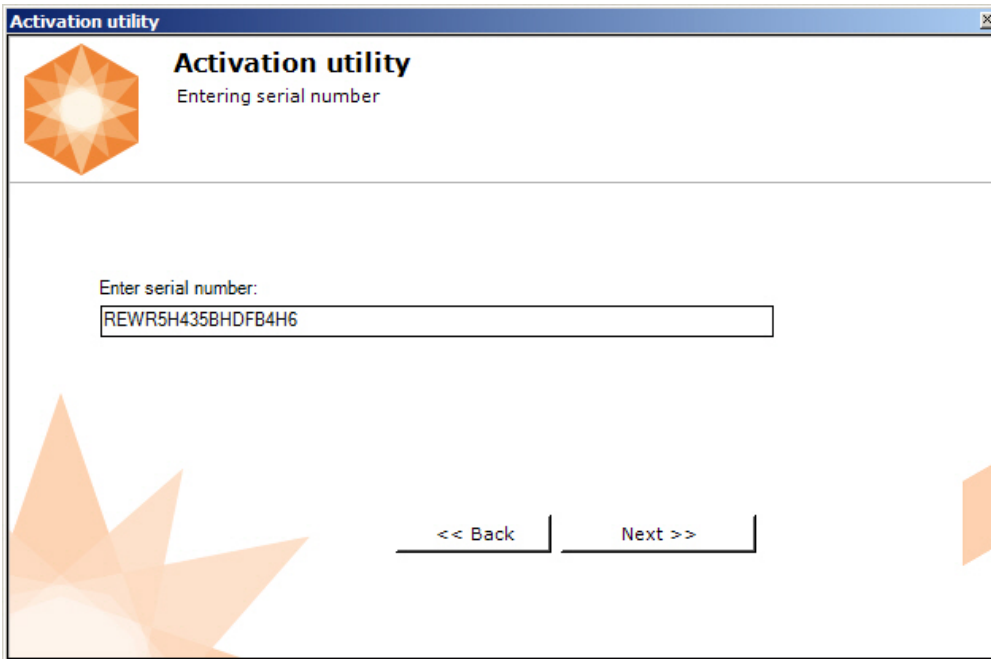
1. On the main page of the activation utility, select **Activate** and click **Next**.



2. Select **Enter serial number** and click **Next**.



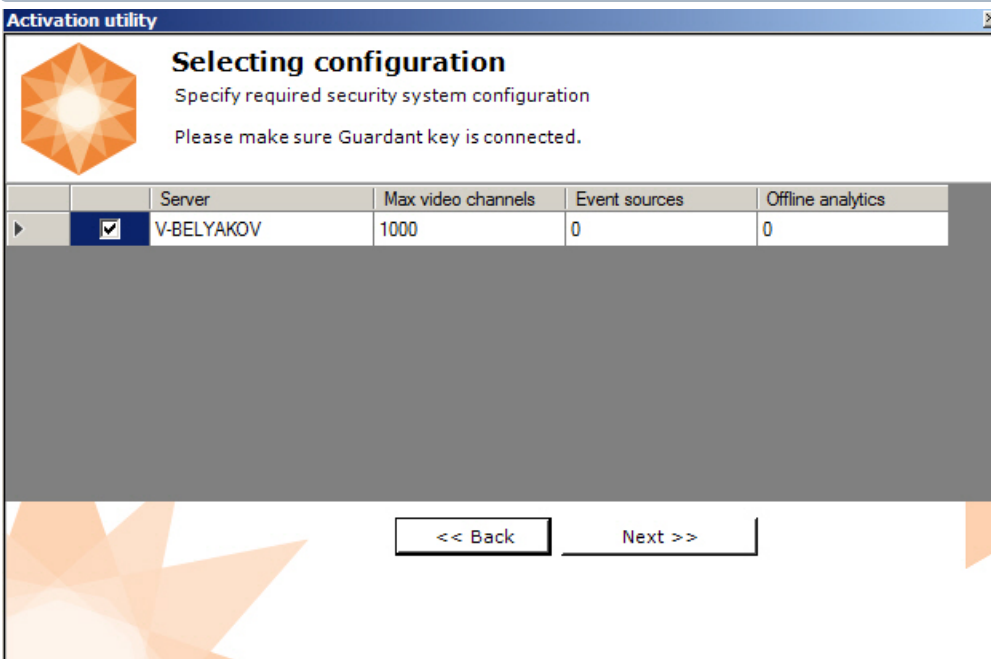
3. Enter serial number and click **Next**.



4. If there is more than one Server in the Axon domain or in the license file, a window will open, that shows the maximum number of modules for activation. By default, the modules will be divided equally between the Servers..

**Note**

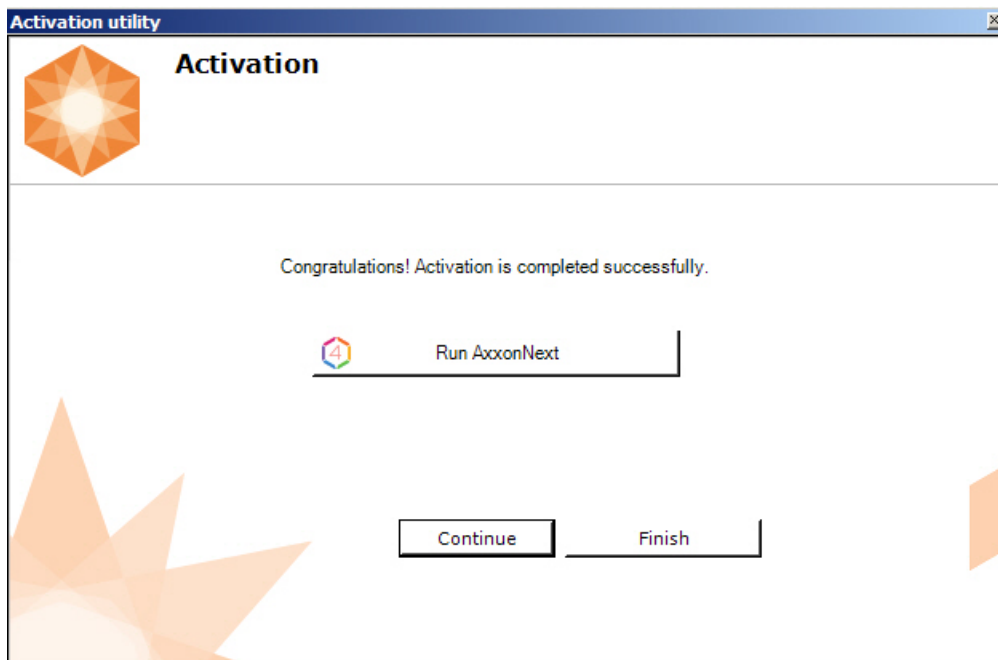
If there are multiple servers in the configuration, the modules will be equally distributed among them.



5. Select the number of modules to activate and click **Next**.

Your activation request will be sent online.

If activation is completed successfully on the licensing server (<https://sale.axxonsoft.com/>), the license file will be automatically downloaded and distributed within the system.

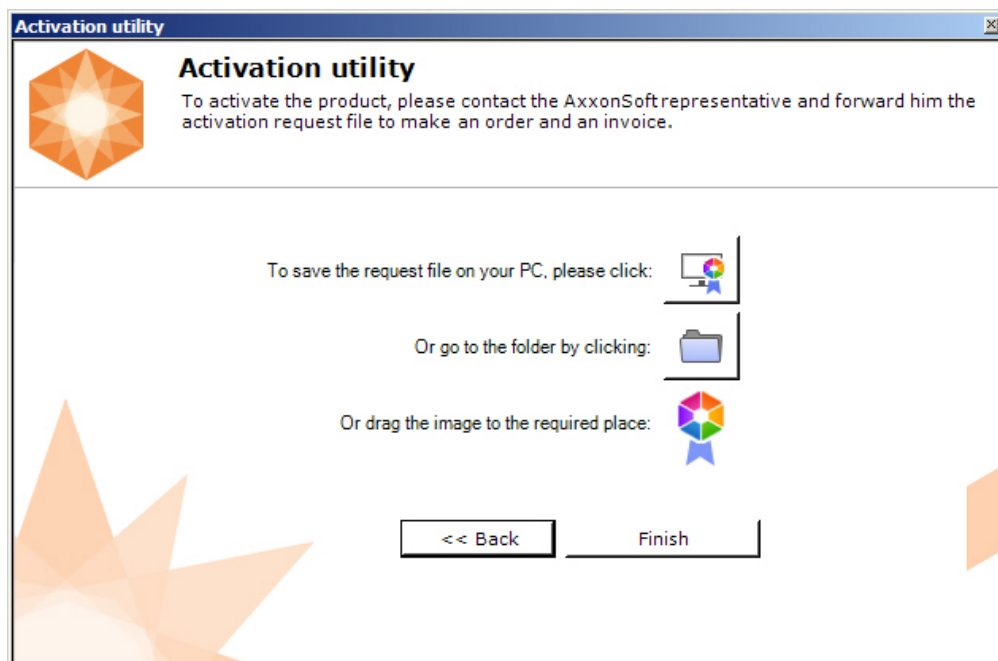




You have activated Axxon Next.

**Note**


Click **Continue** to return to the Activation Utility home page. To exit, click **Finish**. To close the utility and start the **Axxon Next** client, click **Run Axxon Next**.

If your computer is offline, you will be prompted to save the activation request file using any of the following methods:



1. Click the  button in the standard *Windows* dialog box to browse for file location and enter the name.
2. Click the  button. The folder that contains the request file opens.



3. Drag and drop the  image to the destination folder.

Submit the request file to an AxxonSoft rep. You can also generate an activation key on your own through the licensing server's Web interface (see [Generating the Axxon Next license file](#)) and download the license file to the system (see [Activation by applying license file](#)).

 **Attention!**

The Axxon Next Server must be restarted after activation.

## 5 Upgrading Axxon Next

To upgrade Axxon Next, do as follows:

1. Deactivate you license (see [Deactivating a license](#)).
2. Generating an activation request (see [Creating an activation request](#)). Proceed with payment.
3. Activate your purchased license (see [Activation by applying license file](#), [Activation with serial number](#)).

 **Note**

Skip the second step, if you activate a license for purchased configuration.

## 6 Transferring a license to another computer while maintaining configuration

You can transfer an Axxon Next license to another computer while maintaining your existing configuration only if your license file and Guardant dongle are tied to each other and the network name of the new computer is the same as on the old one.

To transfer a license:

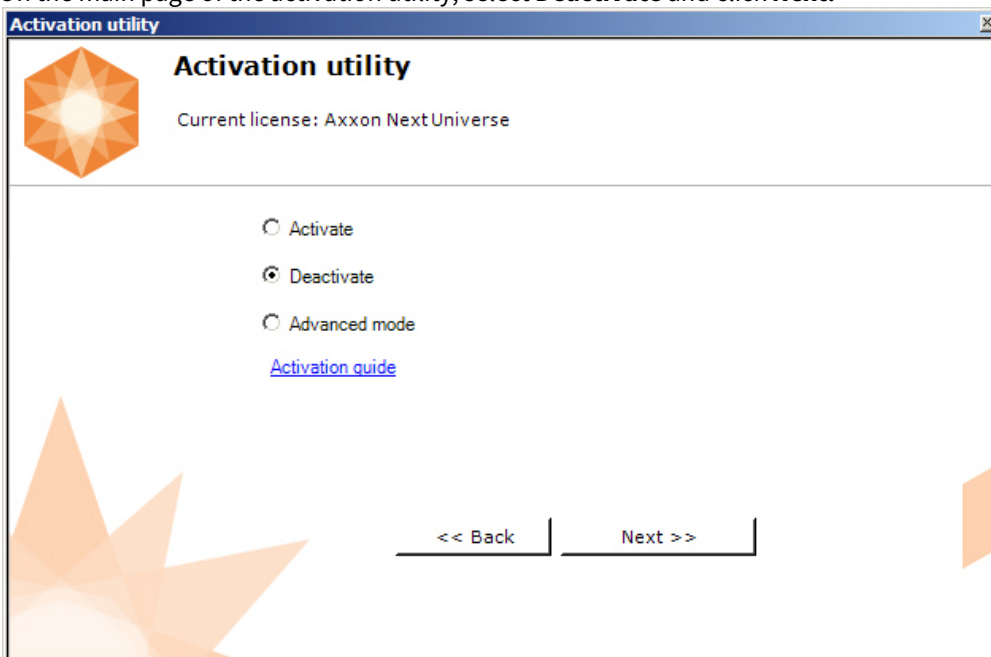
1. Save the license file (see [Saving the license file](#)).
2. Uninstall Axxon Next, but save the configuration, on the old computer (see [Removal](#)).
3. Copy the configuration folder to a new computer (C:\ProgramData\AxxonSoft\AxxonNext by default).
4. Install Axxon Next on the new computer.
5. Apply the license file (see [Activation by applying license file](#)) and insert the Guardant dongle.

Transfer of the Axxon Next license while maintaining the previous configuration is now complete.

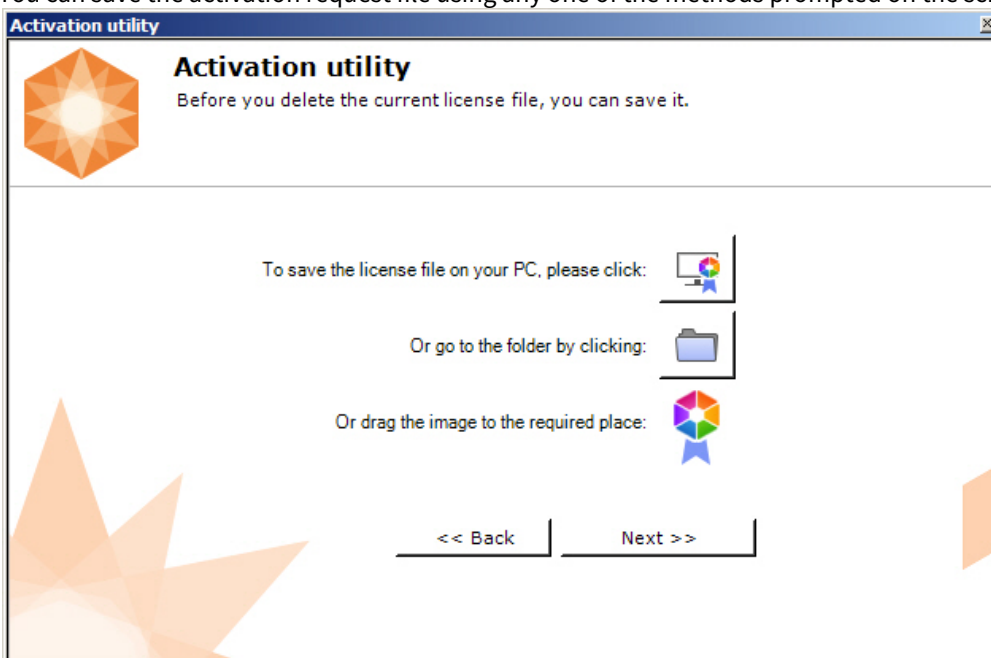
## 7 Deactivating a license

To delete the license file from the system, follow these steps:

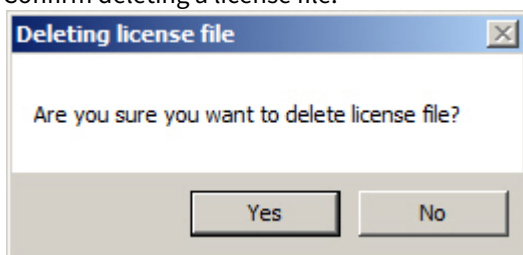
1. On the main page of the activation utility, select **Deactivate** and click **Next**.



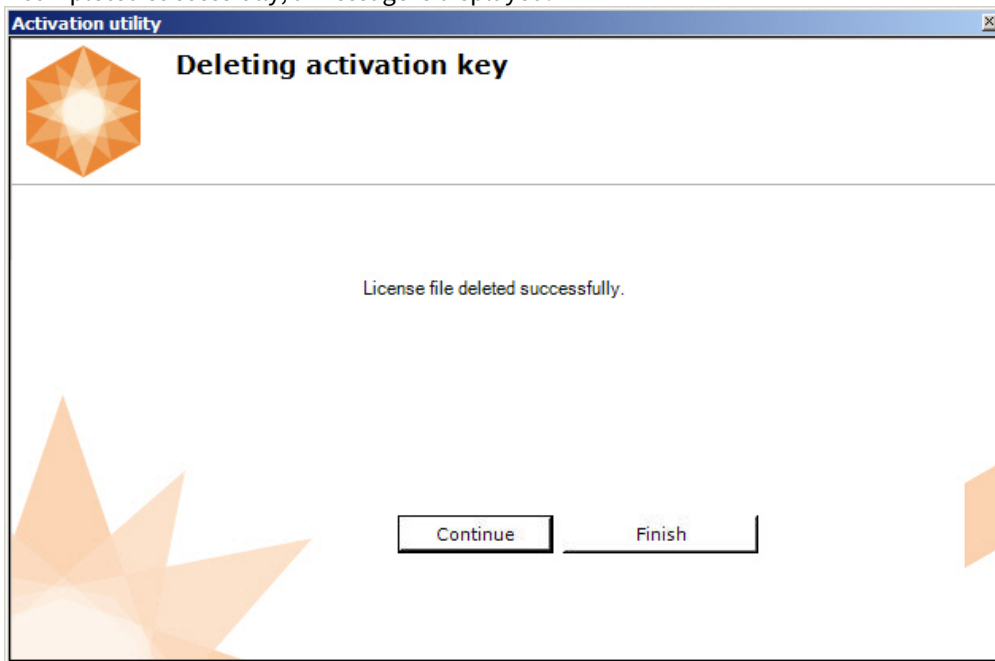
2. You can save the activation request file using any one of the methods prompted on the screen: Click the **Next** button.



3. Confirm deleting a license file.



4. If completed successfully, a message is displayed.



You have deleted a license file. Now your VMS runs in demo mode.

**Note**

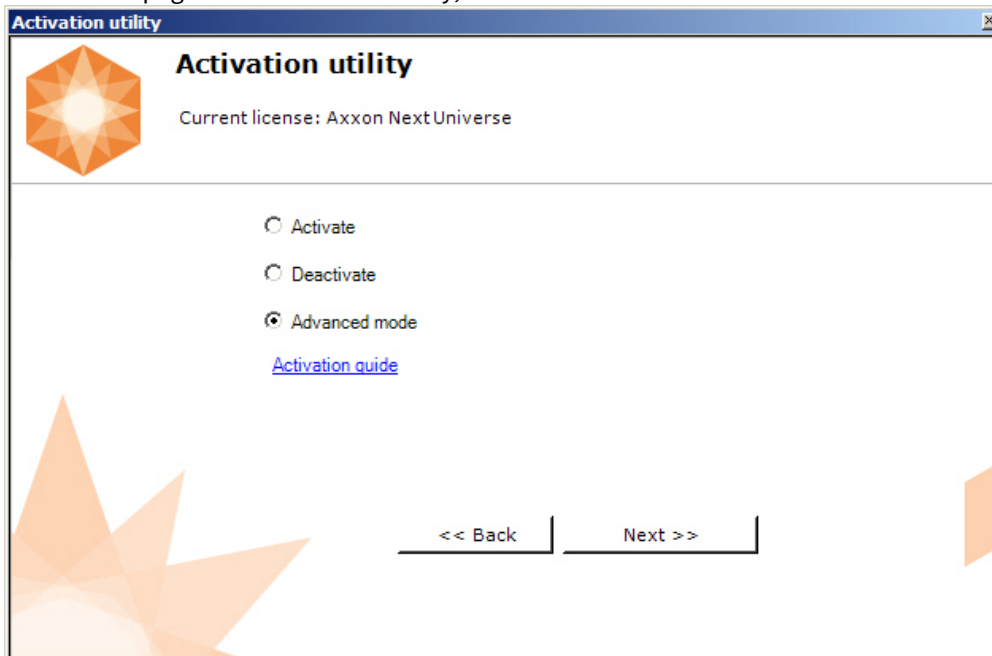
To return to the Home page of the activation utility, click **Continue**, to exit it - click **Finish**

## 8 Additional license utility actions

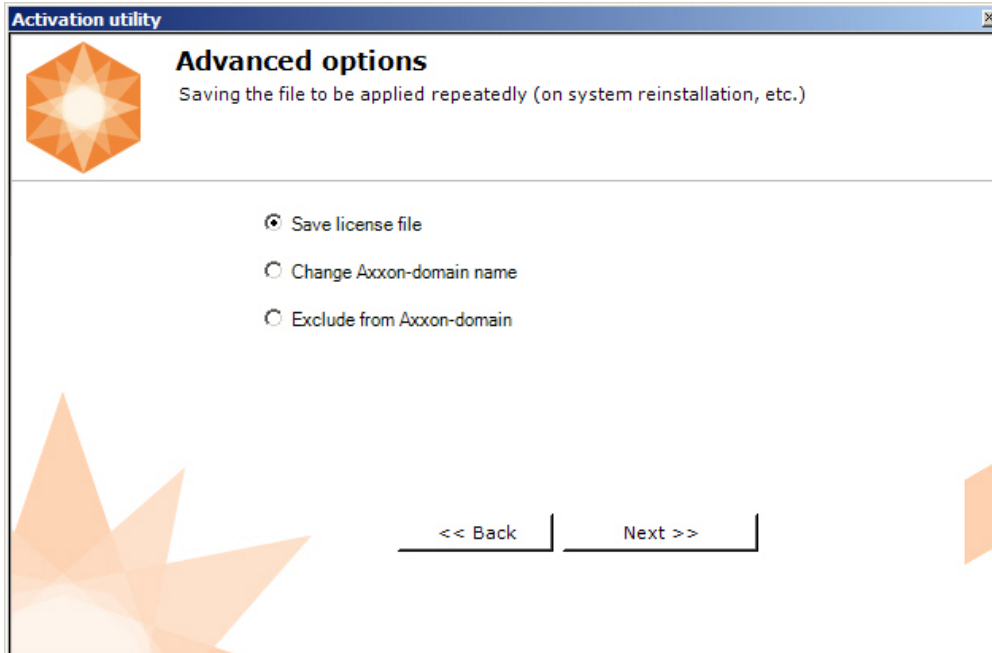
### 8.1 Saving the license file

To save the license file, follow these steps:

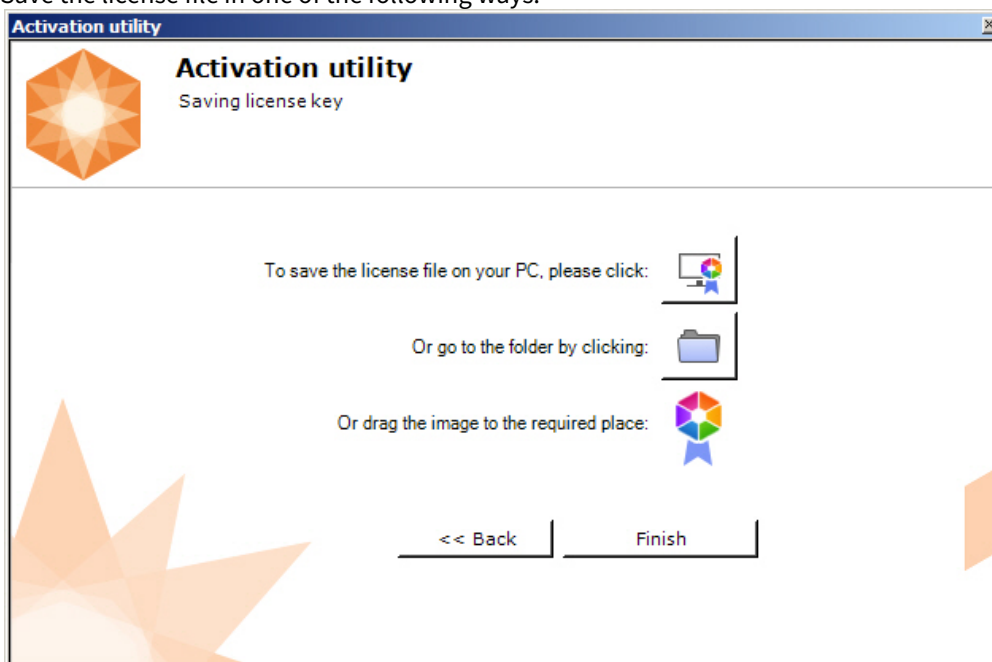
1. On the main page of the activation utility, select **Advanced mode** and click the **Next** button.






2. Select **Save license file** and click the **Next** button.



3. Save the license file in one of the following ways.



- a. Click the  button in the standard *Windows* dialog box to browse for file location and enter the name.
- b. Click the  button. The folder that contains the request file opens.
- c. Drag and drop the  image to the destination folder.

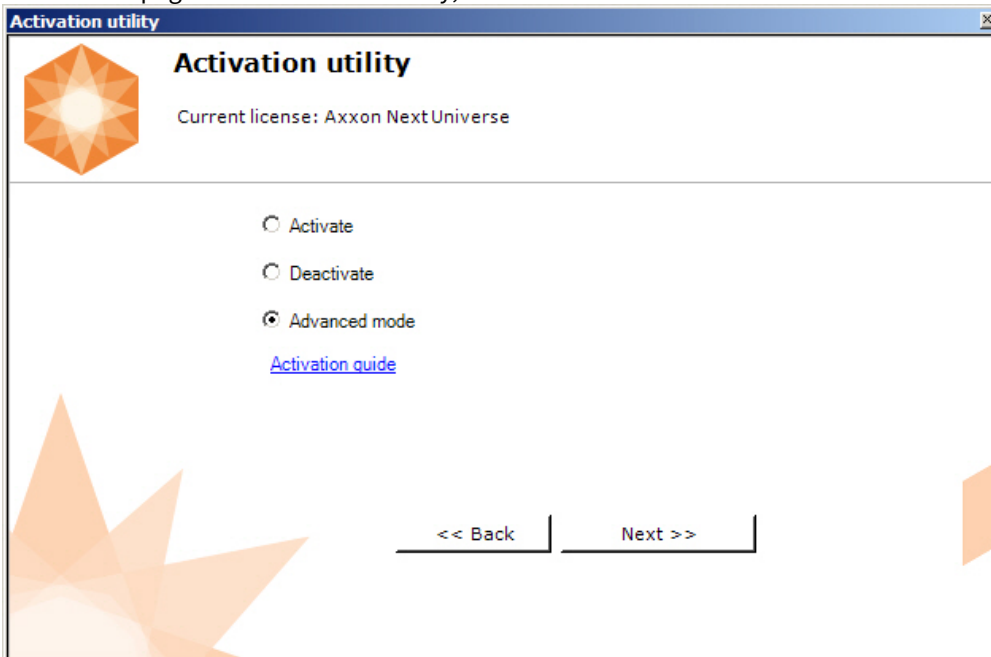
Saving the license file is complete.

To return to the license utility home screen, click **Back**. To exit from the utility, click **Finish**.

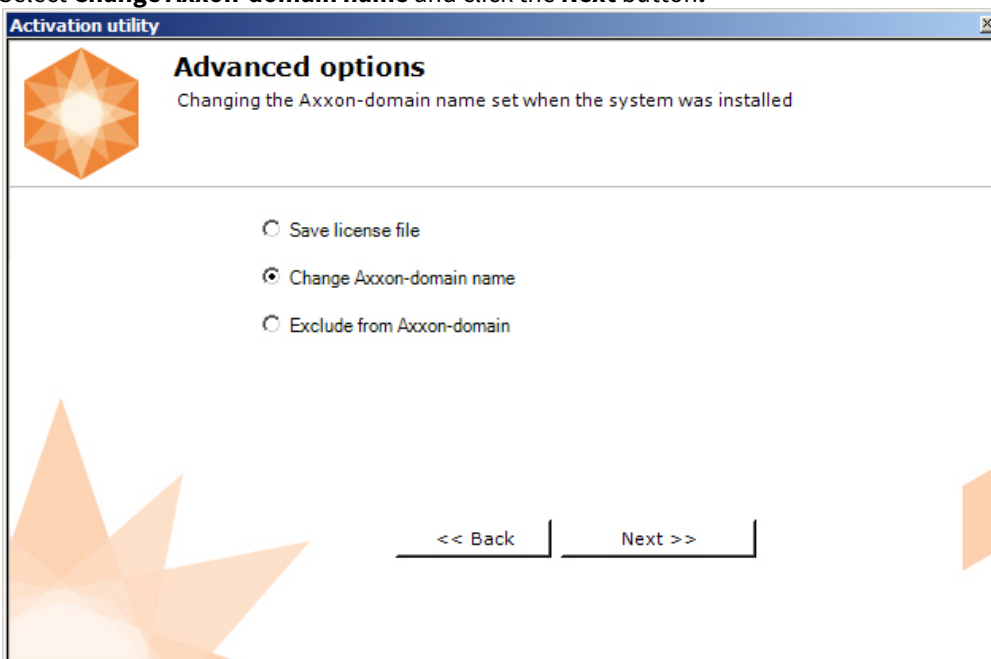
## 8.2 Changing the Axxon-domain name

To change the Axxon-domain name from that given during the system installation, follow these steps:

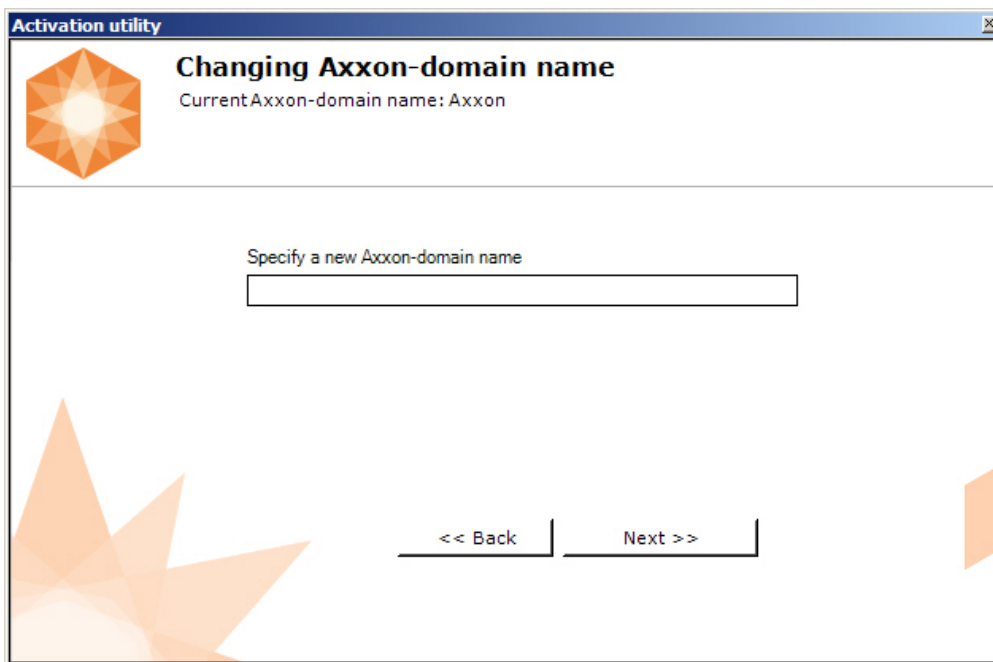
1. On the main page of the activation utility, select **Advanced mode** and click the **Next** button.



2. Select **Change Axxon-domain name** and click the **Next** button.

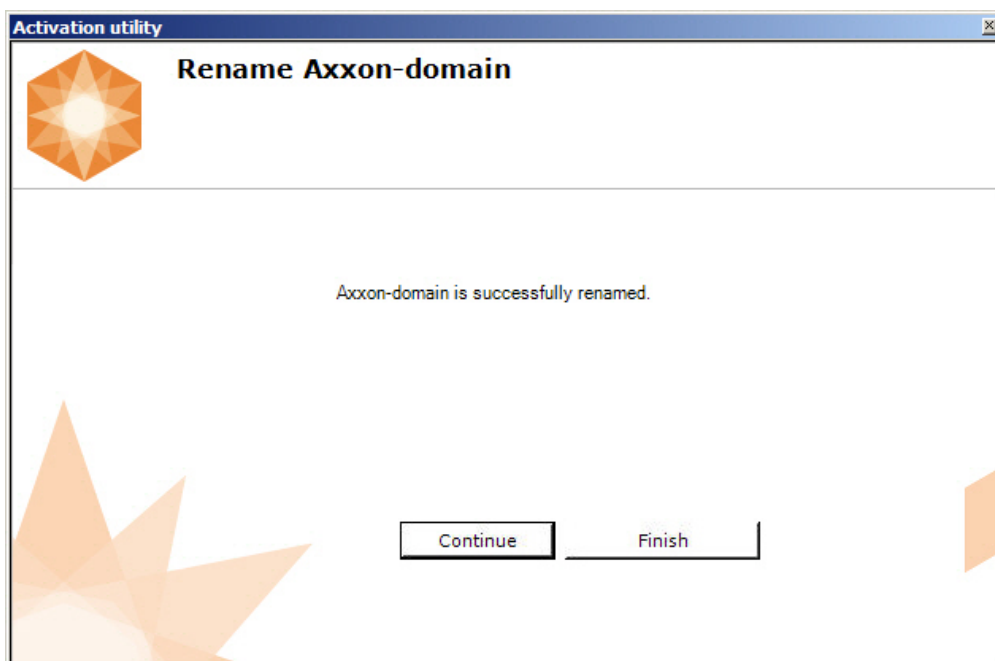


3. Specify the new Axxon-domain name and click **Next**.



**Note.**  
 The Axxon-domain name may only consist of letters-numeric characters and a dash (-). The dash not be the first or last character in the name.

If successful a message will appear.

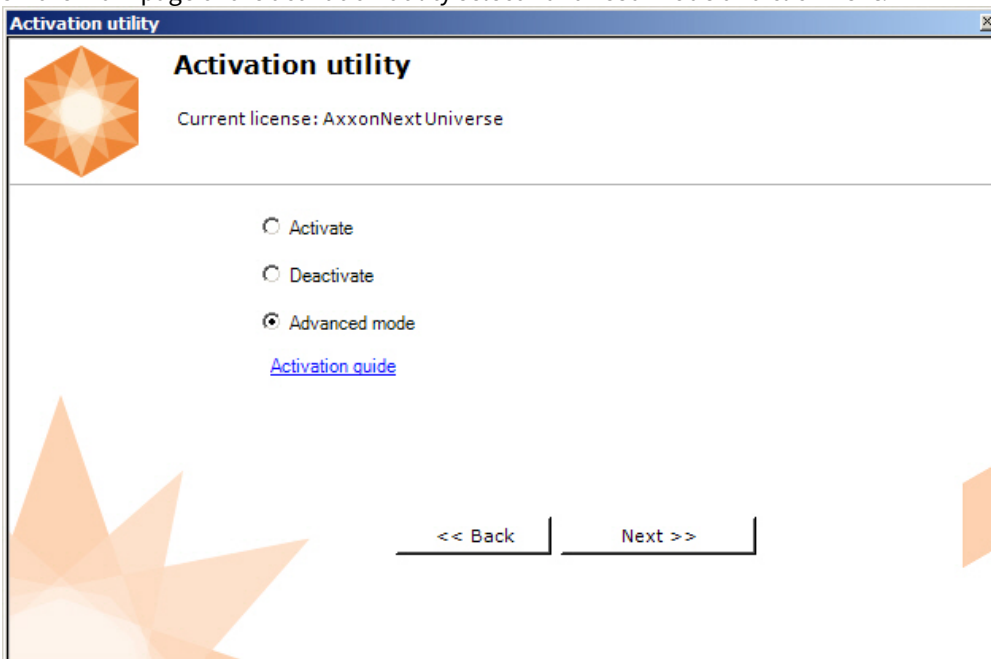


To return to the Home page of the activation utility, click **Continue**, to exit it - click **Finish**

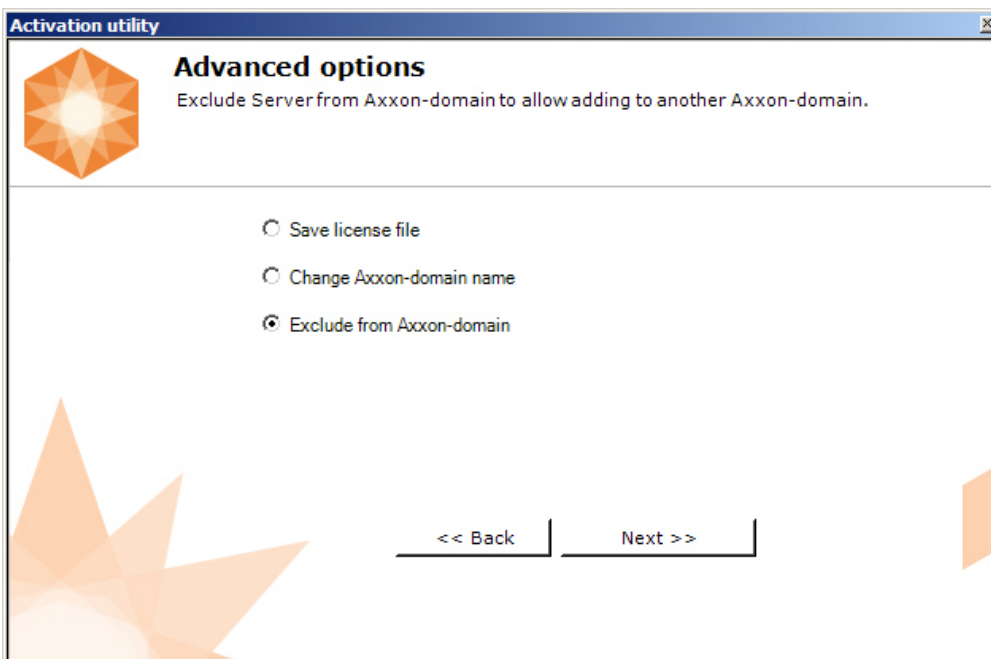
### 8.3 Excluding the Current Server from an Axxon Domain

To exclude the Server currently connected to the activation utility from an Axxon domain, perform the following steps:

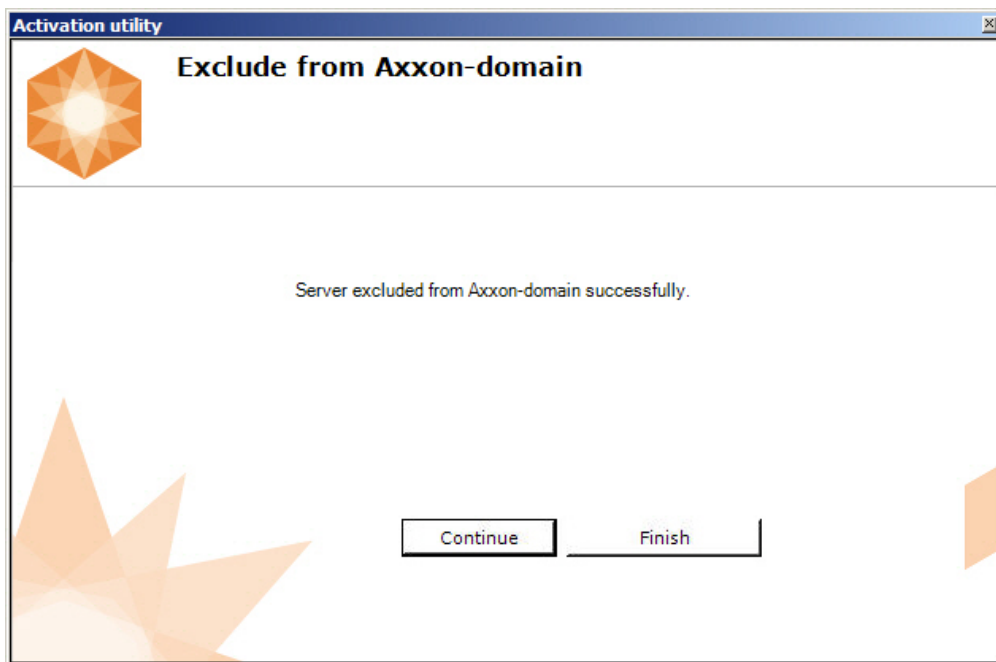
1. On the main page of the activation utility select **Advanced mode** and click **Next**.



2. Select **Exclude from Axxon domain** and click **Next**.



If the operation completes successfully, a notification message will appear.



The Server has been excluded from the Axxon domain.

**Note**  
To return to the Home page of the activation utility, click **Continue**, to exit it - click **Finish**

## 9 Generating license files via the licensing web server

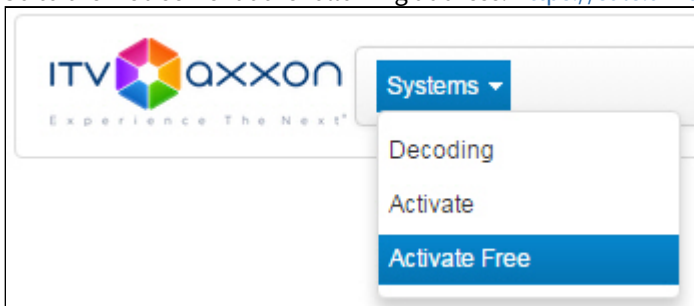
The license file can be obtained from an *AxxonSoft* representative, by sending him a request file, or may be self-generated on the license server.

To generate a license file via the licensing web server, a request file is needed for activation of the required licensing for *Axxon Next*.

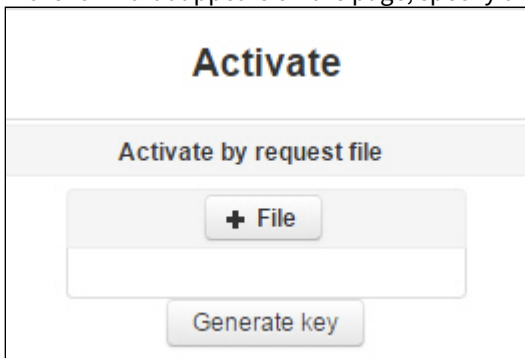
### 9.1 Generating the Axxon Next Free license file

To generate the *Axxon Next Free* license file, follow these steps:

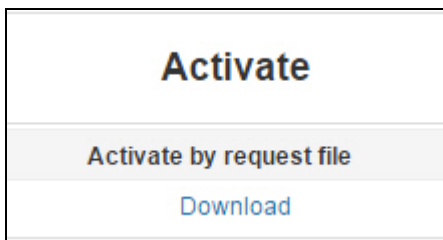
1. Go to the web server at the following address: <https://sale.axxonsoft.com>.



2. Go to the link: **Activate Free**.
3. In the form that appears on the page, specify the path to the saved activation request file.



4. Click **Generate key**.
5. Download the license file: **license.key**.



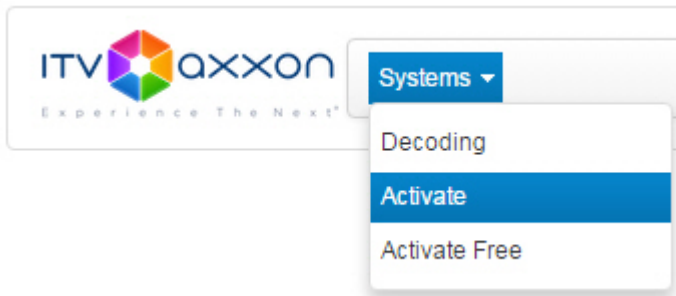
The generation of the *Axxon Next Free* license file is complete.

### 9.2 Generating the Axxon Next license file

The self-generated *Axxon Next* license file is available only upon the request for the product serial number activation. The product serial number is available after payment.

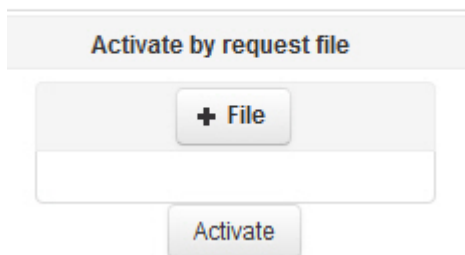
To generate a license file:

1. Go to the web server at the following address: <https://sale.axxonsoft.com>.



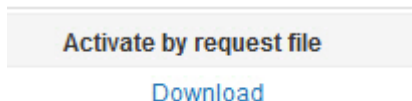
2. Click **Activate**.
3. Click the **File** button and select an activation request file.

## Key generate



4. Click **Activate**.
5. Download the license file: **license.key**.

## Key generate



The generation of the *Axxon Next* license file is complete.