



## Activation Guide

05/02/2024

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[Activation Guide. Introduction](#)(see page 6)

[Activating Axxon One Free](#)(see page 16)

[Upgrading Axxon One](#)(see page 32)

[Transferring a license to another computer while maintaining configuration](#)(see page 33)

[Deactivating a license](#)(see page 34)

[Decoding the activated license](#)(see page 46)

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## 1 Activating Axxon One

To activate your *Axxon One*, 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.

[Creating an activation request](#)(see page 21)

[Activation by applying license file](#)(see page 23)

[Activation with serial number](#)(see page 26)

## 2 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 One*.

[Generating the Axxon One Free license file](#)(see page 44)

[Generating the Axxon One license file](#)(see page 44)

### 3 Overview on licensing the Axxon One software system

[Types of licenses](#)(see page 7)

[Licensing methods for Axxon One](#)(see page 12)

[Axxon One Activation utility](#)(see page 13)

### 4 Additional license utility actions

[Saving the license file](#)(see page 37)

[Changing the domain name](#)(see page 39)

[Excluding the Current Server from an domain](#)(see page 41)

## 5 Activation Guide. Introduction.

On page:
<ul style="list-style-type: none"><li>• <a href="#">General information</a>(see page 6)</li><li>• <a href="#">Purpose of the document</a>(see page 6)</li></ul>

### 5.1 General information

No part of this publication may be reproduced or transmitted in any way or in any form without the prior written consent of AxxonSoft.

The *Axxon One* brand is owned by AxxonSoft. All other trademarks mentioned herein are the property of their respective owners.

The document contains information that is current at the time of publication. The document may be changed by AxxonSoft without prior notice to other parties.

### 5.2 Purpose of the document

The [Axxon One software system Activation Manual](#)(see page 3) provides the information necessary for licensing the *Axxon One* software system.

The chapters titled [Activation Guide. Introduction](#)(see page 6) and [Overview on licensing the Axxon One software system](#)(see page 7) are intended as general guidance on the *Axxon One* licensing process.

The chapter [Activating Axxon One Free](#)(see page 16) contains instructions for activating your *Axxon One* Free license.

The chapter [Activating Axxon One](#)(see page 21) contains instructions for activating your paid license of *Axxon One*.

The chapter [Upgrading Axxon One](#)(see page 32) contains instructions for upgrading your paid license of *Axxon One*.

A description of additional actions that may be carried out with the license utility is provided in the [Additional license utility actions](#)(see page 37).







[Generating license files via the licensing web server](#)(see page 44) chapter provides instructions on generating license files.

## 6 Overview on licensing the Axxon One software system

### 6.1 Types of licenses

✔ [Creating an activation request](#)(see page 21)  
✔ [Activating Axxon One Free](#)(see page 16)

There are 6 types of *Axxon One* license: **Axxon One Demo**, **Axxon One Free**, **Axxon One Start**, **Axxon One Professional**, **Axxon One Enterprise** and **Axxon One Unified**. Upon installation, the software will be launched in *Axxon One* Demo mode. You should activate *Axxon One* 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. Data on all the types of *Axxon One* licenses is presented in the table below.

Functionality	Type of license	 <b>Axxon One Demo</b> (8:00-18:00) <sup>1</sup>	 <b>Axxon One Free</b>	 <b>Axxon One Start</b> <sup>8</sup>	 <b>Axxon One Professional</b>	 <b>Axxon One Enterprise</b>	 <b>Axxon One Unified</b>
Maximum number of Servers in a distributed system <sup>1</sup>		Unlimited	1	1	30	30	Unlimited
Maximum number of cameras in a distributed system <sup>2</sup>		Unlimited	4	64	Unlimited	Unlimited	Unlimited
Free Software Updates(see page 32)		No	No	Yes	Yes	Yes	Yes
Support for SD cards (edge storage, playback only) <sup>3</sup>		Yes	No	Yes	Yes	Yes	Yes
Macros (event response wizard) <sup>4</sup>		Yes	No	Yes	Yes	Yes	Yes
AxxonNet Reports <sup>5</sup>		Yes	No	Yes	Yes	Yes	Yes
Scene analytics detection tools <sup>6</sup>		Yes	No <sup>2</sup>	No <sup>2</sup>	Yes	Yes	Yes
Line crossing <sup>7</sup>		No	No	No	Yes	Yes	Yes
Abandoned objects <sup>8</sup>		No	No	No	Yes	Yes	Yes
Time Compressor <sup>9</sup>		No	No	No	Yes <sup>8</sup>	Yes <sup>8</sup>	Yes <sup>8</sup>

1 <https://docs.axxonsoft.com/confluence/display/one1en/Configuring+domains>  
 2 <https://docs.axxonsoft.com/confluence/display/one1en/Configuring+domains>  
 3 <https://docs.axxonsoft.com/confluence/display/one20en/The+Embedded+storage+object>  
 4 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+macros>  
 5 <https://docs.axxonsoft.com/confluence/display/onet/Local+AxxonData+Reports+subsystem>  
 6 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+Scene+Analytics+Detection+Tools>  
 7 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+Line+Crossing>  
 8 <https://docs.axxonsoft.com/confluence/display/one20en/Settings+specific+to+Abandoned+object+detection>  
 9 <https://docs.axxonsoft.com/confluence/pages/viewpage.action?pageId=246486008>

Cross-System Client <sup>10</sup>	No	No	No	Yes	Yes	Yes
<b>AI Features and Retail License Pack</b>						
Advanced archive search: <ul style="list-style-type: none"> <li>• MomentQuest smart forensic search<sup>11</sup></li> <li>• Face search<sup>126</sup></li> <li>• Search by LPs<sup>13</sup></li> </ul>	Yes	No <sup>3</sup>	No <sup>3</sup>	Optional	Yes	Yes
Tag&Track multicamera object tracking <sup>14</sup>	Yes	No	No	Optional	Yes	Yes
Retail Analytics: <ul style="list-style-type: none"> <li>• Visitors counter<sup>15</sup></li> <li>• Queue detection<sup>16</sup></li> <li>• Heat map<sup>17</sup></li> <li>• Barcode Detection<sup>18</sup></li> </ul>	Yes	No	No	Optional	Yes	Yes
Crowd Estimation VA detection tool <sup>19</sup>	No	No	No	Optional	Optional	Optional
Face Mask Detection <sup>20</sup>	No	No	No	Optional	Yes	Yes
Neurotracker <sup>21</sup>	Yes	No	No	Optional	Yes	Yes
Fire Detection <sup>22</sup>	Yes	No	No	Optional	Yes	Yes
Smoke Detection <sup>23</sup>	Yes	No	No	Optional	Yes	Yes
QR/Barcode reader	Yes	No	No	Optional	Yes	Yes
Neurocounter <sup>24</sup>	Yes	No	No	Optional	Optional	Optional
<b>Human Behavior Analytics</b>						

10 <https://docs.axxonsoft.com/confluence/display/one20en/Cross-System+Client>  
11 <https://docs.axxonsoft.com/confluence/pages/viewpage.action?pageId=246486171>  
12 <https://docs.axxonsoft.com/confluence/display/one20en/Face+search>  
13 <https://docs.axxonsoft.com/confluence/display/one20en/Search+by+LPs>  
14 <https://docs.axxonsoft.com/confluence/pages/viewpage.action?pageId=246485957>  
15 <https://docs.axxonsoft.com/confluence/display/one20en/Retail+Analytics>  
16 <https://docs.axxonsoft.com/confluence/display/one20en/Retail+Analytics>  
17 <https://docs.axxonsoft.com/confluence/display/one20en/Building+a+Heat+Map>  
18 <https://docs.axxonsoft.com/confluence/display/one20en/Barcode+Detection>  
19 <https://docs.axxonsoft.com/confluence/display/one20en/Crowd+Estimation+VA+detection+tool>  
20 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+Masks+Detection>  
21 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+Neurotracker>  
22 <https://docs.axxonsoft.com/confluence/display/one20en/Fire+Detection>  
23 <https://docs.axxonsoft.com/confluence/display/one20en/Smoke+Detection>  
24 <https://docs.axxonsoft.com/confluence/display/one20en/Neurocounter>

Pose detection <sup>256</sup> includes: <ul style="list-style-type: none"> <li>• Man down</li> <li>• Raised arms</li> <li>• Crouched man</li> <li>• Social distancing</li> </ul>	Yes	No	No	Optional	Optional	Optional
<b>Personal Protective Equipment Detection</b>						
Personal protective equipment detection <sup>26</sup> includes: <ul style="list-style-type: none"> <li>• Helmets</li> <li>• Hi-viz vests</li> <li>• Protective Clothing</li> </ul>	Yes	No	No	Optional	Optional	Optional
<b>Add-On Modules</b>						
Integration With Access Control System	Yes	No	No	Up to 50 readers	Up to 100 readers	Optional
Integration With Fire and Security Alarms System	Yes	No	No	Optional	Optional	Optional
Integration Perimeter Intrusion Detection System	Yes	No	No	Optional	Optional	Optional
Events from external systems (POS terminals, ACFA) <sup>27</sup>	Yes	No	Optional	Optional	Optional	Optional
Custom AI Analytics	No	No	No	Optional	Optional	Optional
Water Level Detection <sup>28</sup>	Yes	No	No	Optional	Optional	Optional
Multicamera Tracking. Tracking follows objects across multiple camera FOVs based on appearance similarity <sup>7</sup>	Yes	No	No	Optional	Optional	Yes
Similarity Search <sup>7</sup>	Yes	No	No	No	Optional	Yes <sup>8</sup>
Datacenter Domain Unification/Private Cloud	Yes	No	No	No	No	Yes
Face recognition based on the created lists <sup>29</sup>	No	No	No	Optional	Optional	Optional
FaceCube external face recognition module <sup>30</sup>	No	No	No	Optional	Optional	Optional

25 <https://docs.axxonsoft.com/confluence/display/one20en/Pose+Detection>

26 <https://docs.axxonsoft.com/confluence/pages/viewpage.action?pageId=246484901>

27 <https://docs.axxonsoft.com/confluence/display/one20en/Receiving+Events+from+External+Systems>

28 <https://docs.axxonsoft.com/confluence/display/one20en/Water+Level+Detection>

29 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+face+recognition+based+on+the+created+lists>

30 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+integration+with+FaceCube>

Vehicle license plate recognition based on the created lists <sup>314</sup>	No	No	No	Optional	Optional	Optional
Vehicle Recognition <sup>324</sup>	No	No	Yes	Yes	Yes	Yes
Person-based privacy masking <sup>33</sup>	Yes	Yes	Yes	Yes	Yes	Yes
Privacy masking <sup>34</sup>	Yes	Yes	Yes	Yes	Yes	Yes
Searching for LPR/ANPR numbers and faces on video from multiple cameras <sup>35</sup>	Yes	No	No	Optional	Yes	Yes
Data replication <sup>36</sup>	No	No	No	No	Yes	Yes
FailOver <sup>37</sup>	No	No	No	No	Yes	Yes
Video walls management <sup>38</sup>	Yes	No	No	No	Yes	Yes
LDAP authentication supported <sup>39</sup>	Yes	No	No	No	Yes	Yes
<b>System features available for all licenses</b>						
<b>Hardware</b> Control panels Security keyboards Joysticks I/O modules	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
AxxonNet cloud service <sup>40</sup>	Yes	No	Yes	Yes	Yes	Yes

31 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+vehicle+license+plate+recognition+based+on+the+created+lists>  
 32 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+Vehicle+Recognition+RR>  
 33 <https://docs.axxonsoft.com/confluence/display/one20en/Person-based+privacy+masking>  
 34 <https://docs.axxonsoft.com/confluence/display/one20en/Privacy+masking+detection+tool>  
 35 <https://docs.axxonsoft.com/confluence/display/one20en/Simultaneous+search+in+an+archive+of+several+video+cameras>  
 36 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+data+replication>  
 37 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+Failover+VMS>  
 38 <https://docs.axxonsoft.com/confluence/display/one20en/Managing+monitors+on+remote+Clients+within+the+Axxon-domain>  
 39 <https://docs.axxonsoft.com/confluence/display/one20en/Connecting+to+an+LDAP+catalog>  
 40 <https://docs.axxonsoft.com/confluence/display/anet/AxxonNet+Setup+and+Operation>

<p><b>Server</b></p> <p>ONVIF Profiles G, S, T<sup>41</sup></p> <p>H.265 support<sup>42</sup></p> <p>Edge analytics (metadata from IP devices)<sup>43</sup></p> <p>Configuration backup and restore<sup>44</sup></p> <p>Mass configuration of cameras<sup>45</sup></p> <p>Multicasting<sup>46</sup></p> <p>Hotkeys<sup>47</sup></p>	Yes	Yes	Yes	Yes	Yes	Yes
<p><b>Recorded Video / Investigation</b></p> <p>Local and network archives<sup>48</sup></p> <p>Events search<sup>49</sup></p> <p>Time slice search (search by time intervals)<sup>50</sup></p> <p>Simultaneous search in an archive of several video cameras<sup>51</sup></p> <p>Video bookmarking (searchable text comments)<sup>52</sup></p>	Yes	Yes	Yes	Yes	Yes	Yes
<p><b>Live Monitoring</b></p> <p>Service audio and video analytics<sup>53</sup></p> <p>Embedded detection tools<sup>54</sup>(except for Axis on-board tracker<sup>55</sup>)</p> <p>Interactive 3D map<sup>56</sup></p> <p>GreenStream adaptive bandwidth management<sup>57</sup></p> <p>Tag&amp; Track Lite<sup>58</sup></p> <p>OnScreen PTZ mode<sup>59</sup></p> <p>Support for fisheye cameras and ImmerVision lenses<sup>60</sup></p> <p>Export of frames and video recordings to multiple formats<sup>61</sup></p> <p>Information boards<sup>62</sup></p>	Yes	Yes	Yes	Yes	Yes	Yes

41 <https://docs.axxonsoft.com/confluence/display/one20en/The+Camera+object>

42 <https://docs.axxonsoft.com/confluence/display/one20en/Characteristics+of+Axxon+One>

43 <https://docs.axxonsoft.com/confluence/display/one20en/Embedded+Detection+Tools>

44 <https://docs.axxonsoft.com/confluence/display/one20en/Backup+and+Restore+Utility>

45 <https://docs.axxonsoft.com/confluence/display/one20en/Mass+configuration>

46 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+Cross-System+Client+and+autologon>

47 <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+hot+keys>

48 <https://docs.axxonsoft.com/confluence/display/one20en/Creating+archives>

49 <https://docs.axxonsoft.com/confluence/display/one20en/Events+search>

50 <https://docs.axxonsoft.com/confluence/pages/viewpage.action?pageId=246486165>

51 <https://docs.axxonsoft.com/confluence/display/one20en/Simultaneous+search+in+an+archive+of+several+video+cameras>

52 <https://docs.axxonsoft.com/confluence/display/one20en/Searching+comments>

53 <https://docs.axxonsoft.com/confluence/display/one20en/Service+Detection+Tools>

54 <https://docs.axxonsoft.com/confluence/display/one20en/Embedded+Detection+Tools>

55 <https://docs.axxonsoft.com/confluence/display/one20en/AxxonSoft+Tracker+in+Axis+devices>

56 <https://docs.axxonsoft.com/confluence/display/one20en/Working+with+the+interactive+map>

57 <https://docs.axxonsoft.com/confluence/pages/viewpage.action?pageId=246485974>

58 <https://docs.axxonsoft.com/confluence/pages/viewpage.action?pageId=246485959>

59 <https://docs.axxonsoft.com/confluence/display/one20en/Controlling+a+PTZ+Video+Camera+in+the+OnScreen+PTZ+Mode>

60 <https://docs.axxonsoft.com/confluence/display/one20en/Working+with+fisheye+cameras>

61 <https://docs.axxonsoft.com/confluence/display/one20en/Exporting+frames+and+video+recordings>

62 <https://docs.axxonsoft.com/confluence/display/one20en/Working+with+information+boards>

<b>Remote clients</b>	Yes	Yes	Yes	Yes	Yes	Yes
Web-Client interface <sup>63</sup>						
iOS app (including Apple TV) <sup>64</sup>						
Android app <sup>65</sup>						

**Note**

Information about the type of license you are using is displayed in the Server properties in the **Product type** field. Users in the **admin** role get an informational message to renew the license 30 days or less before it expires.

<sup>1</sup>—the system will operate in demo mode from 8:00 AM to 6:00 PM within 30 days after installation of *Axxon One*.

<sup>2</sup>—all VMD-based Scene analytics detection tools are available in *Axxon One Free* and *Axxon One Start* licenses, except for the Abandoned object detection (see [Setting up VMD-based Scene Analytics detection tools](#)<sup>66</sup>).

<sup>3</sup>—MomentQuest with metadata search from the base VMD is available in *Axxon One Start* and *Axxon One Free* licenses. It is not possible to determine the object type and color based on metadata from VMD.

<sup>4</sup>—it is necessary to activate the license for the following detection tools:

- Vehicle Recognition (IV);
- License plate recognition (VT) (see [Licensing of the software module for License plate recognition \(VT\)](#)<sup>67</sup>);
- License plate recognition (IV) (see [Configuring License Plate Recognition IV](#)<sup>68</sup>).

<sup>5</sup>—the module has to be purchased separately.

<sup>6</sup>—with the license, you can use privacy masks based on data from the corresponding detection tools.

<sup>7</sup>—to be released in the next version.

<sup>8</sup>—country restriction. Please contact an AxxonSoft manager to find out if this functionality is supported in your country.

### 6.1.1 Disclaimer

AxxonSoft reserves the right to make changes to the specification and cost of software licenses without notice and without any obligation to make the same changes to the licenses already sold. Orders are processed in accordance with the price list valid at the time of placing the order. If a placed order contains incorrect prices or license specifications, regardless of the cause of such errors. AxxonSoft reserves the right to reject or cancel the order, even if it has already been processed.

## 6.2 Licensing methods for Axxon One

**There are two licensing methods for Axxon One:**

#### 1. License file only.

The license file contains the data on basic hardware configuration (motherboard, CPU, hard disk, video adapter, RAM, and network card) of all Servers. If you change any two 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 One*, consider the following:

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

#### 2. License file and Guardant dongle.

This method allows replacing the Server hardware and transferring the license to another computer (see [Transferring a license to another computer while maintaining configuration](#)(see page 33)). To activate *Axxon One* via this method, contact AxxonSoft to receive a license file and Guardant dongle.

<sup>63</sup> <https://docs.axxonsoft.com/confluence/display/one20en/Working+with+Axxon+One+through+the+Web-Client>

<sup>64</sup> <https://docs.axxonsoft.com/confluence/display/mobile/AxxonNet+iOS+Mobile+Client+User+Guide>

<sup>65</sup> <https://docs.axxonsoft.com/confluence/display/mobile/AxxonNet+mobile+client+on+Android+OS.+User+Guide>

<sup>66</sup> <https://docs.axxonsoft.com/confluence/display/one20en/Setting+up+VMD-based+Scene+Analytics+detection+tools>

<sup>67</sup> <https://docs.axxonsoft.com/confluence/pages/viewpage.action?pageId=246484823>

<sup>68</sup> <https://docs.axxonsoft.com/confluence/display/one20en/Configuring+License+Plate+Recognition+IV>

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

**⚠ Attention!**

You can use a Guardant Sign dongle only on Linux OS.

**📘 Note**

If you install virtualization products such as VirtualBox, VmWare etc., you may lose the license. If you encounter this problem, it is recommended to remove all virtualization products from the computer hardware tree or get a new license file.

### 6.3 Axxon One Activation utility

You can activate the *Axxon One* license using the Activation utility.

The Activation utility is launched from the Windows **Start** menu: **Start** → **Programs** → **Axxon One** → **Utilities** → **Activation utility**.

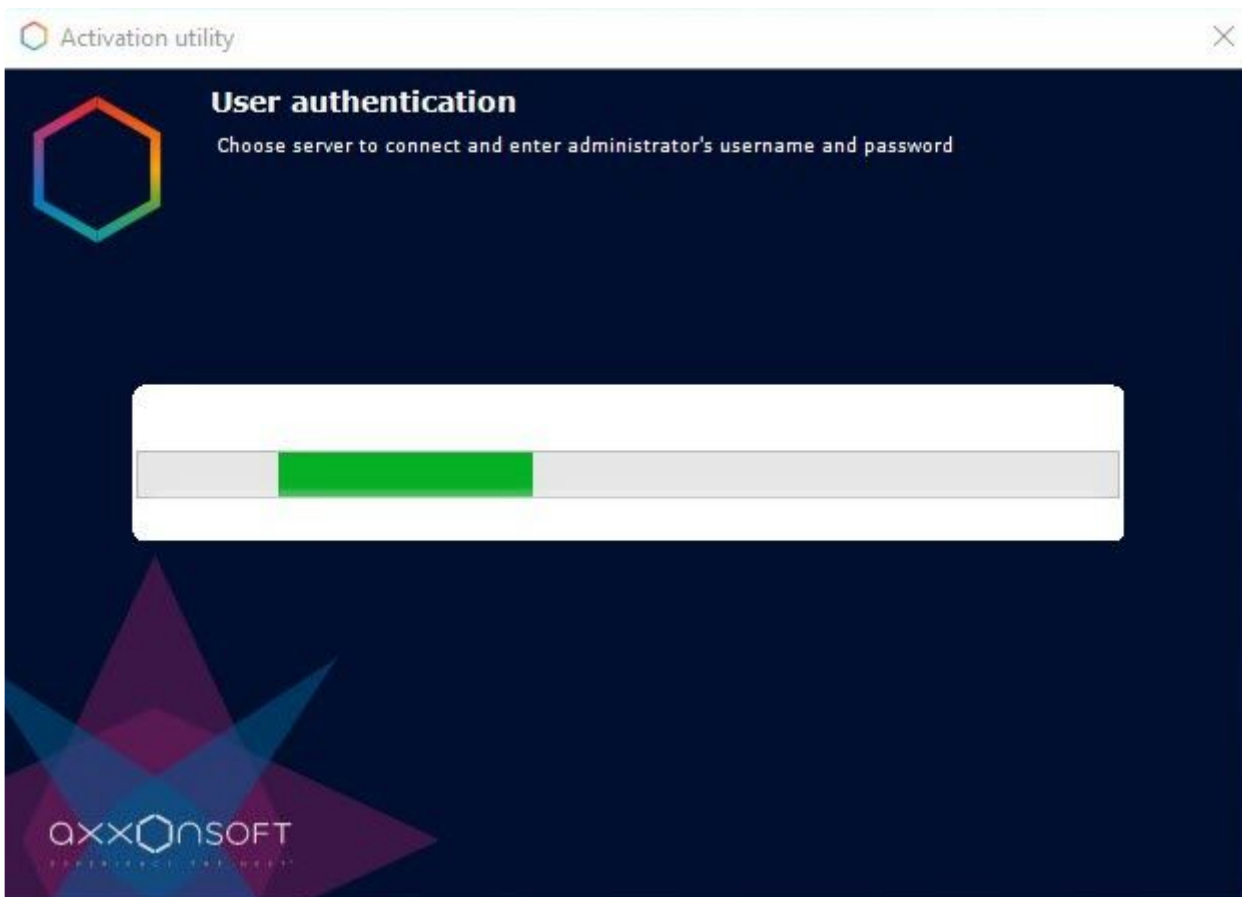
**📘 Note**

The Activation utility executable file LicenseTool.exe is located in the following directory: <Axxon One installation directory>\AxxonSoft\Axxon Smart\bin\.

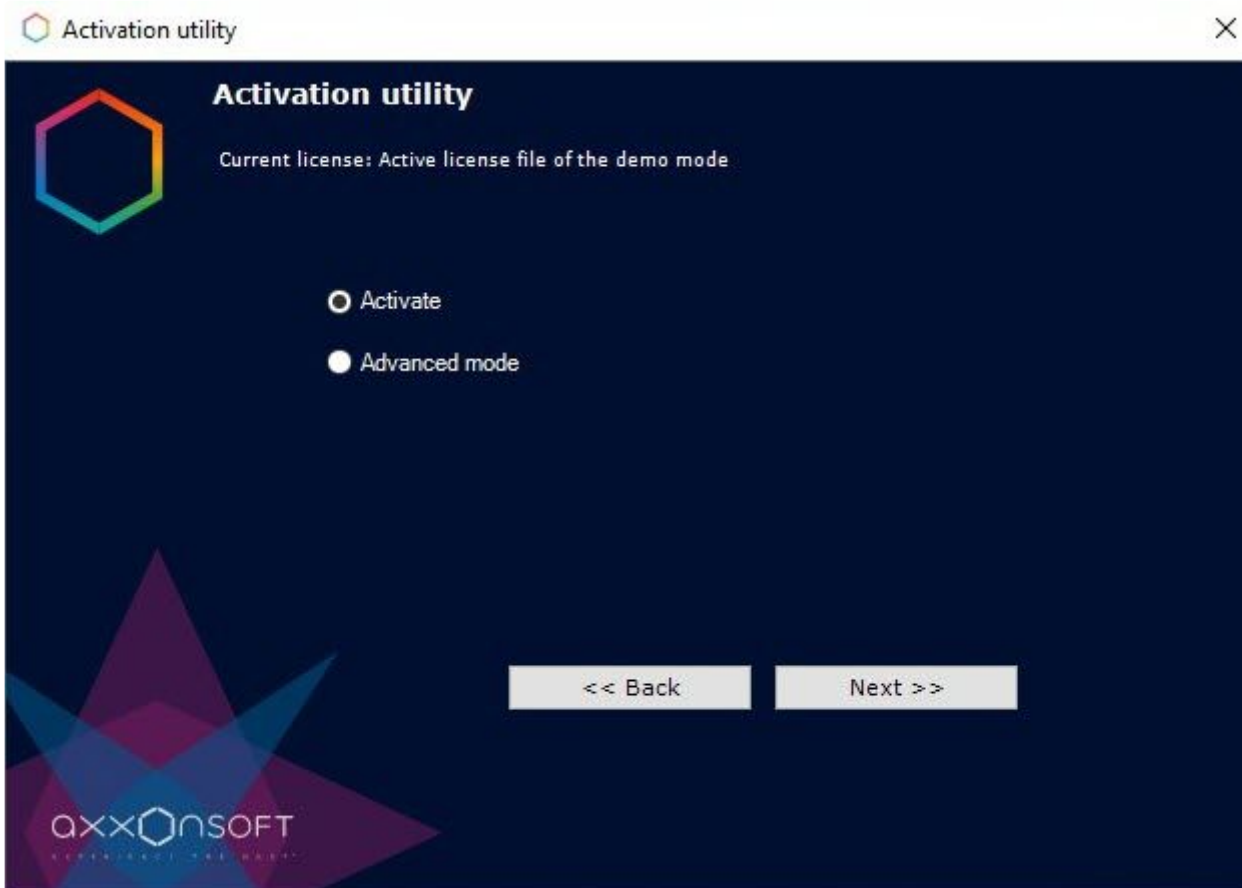
Next, select the name of one of the Axxon Servers, which will provide the license file (this file is distributed to all Servers running at the time of activation of this domain), and login to the system using the *Axxon One* administrator name and password, to continue the activation process.

The screenshot shows the Axxon One Activation utility interface. At the top, the logo 'axxon ONE' is displayed with the version number 'v.1.0.2.31'. Below the logo, there are three input fields: 'Server name or IP address' with a dropdown menu showing 'TEST' and a '>>' button; 'Username' with the text 'root'; and 'Password' with four dots. At the bottom, there are two buttons: 'Connect' and 'Close'.

The download page will be displayed.



After the download is complete the main window of license utility will be displayed.



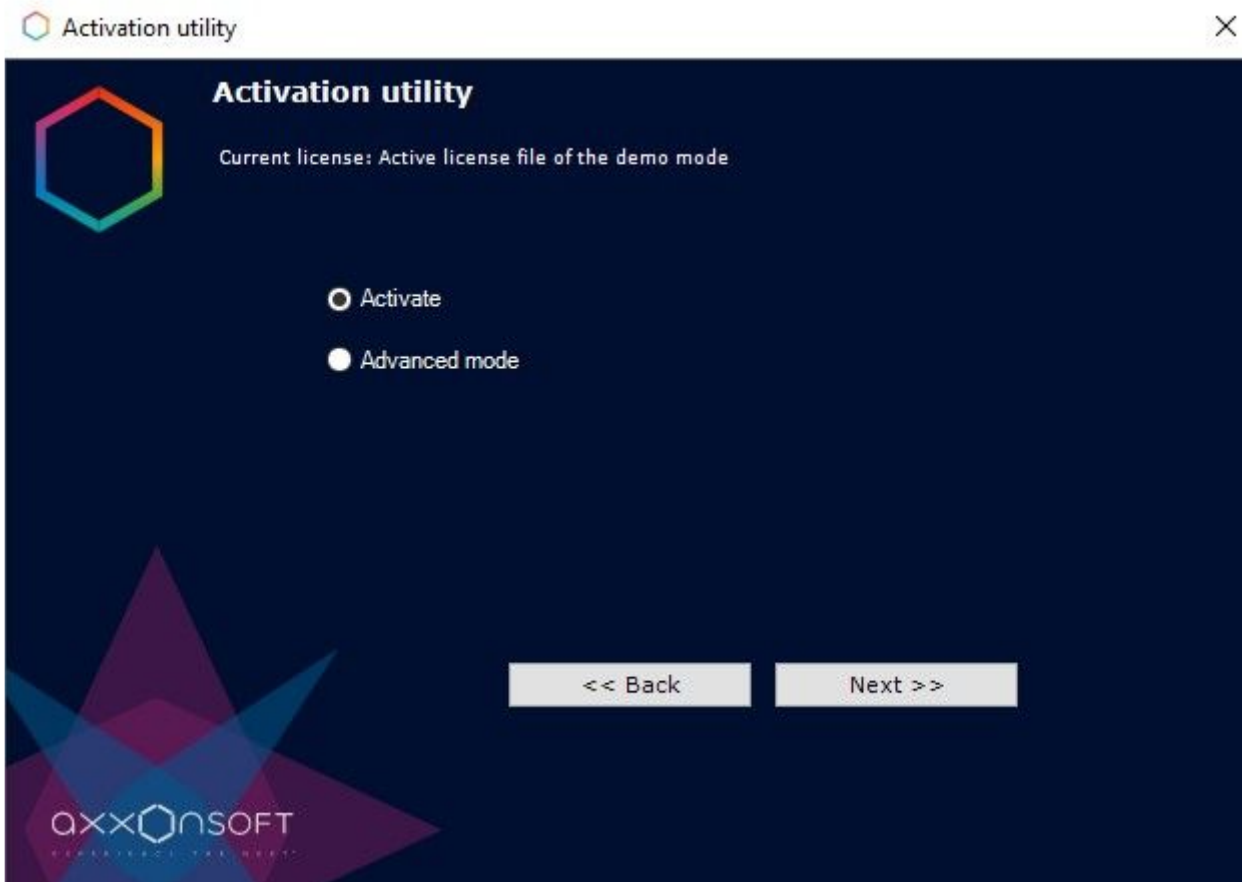
**Note**

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

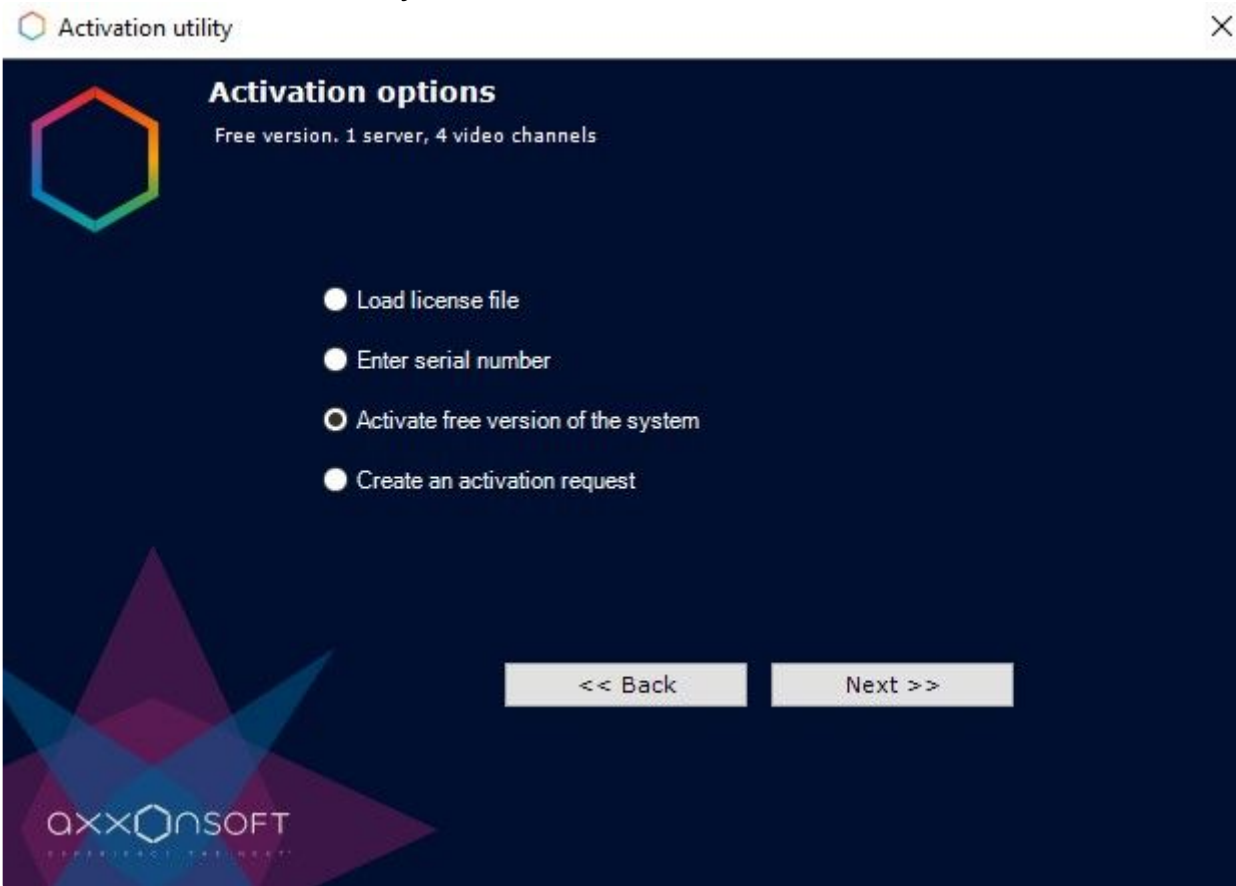
## 7 Activating Axxon One Free

To activate *Axxon One Free*, do as follows:

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

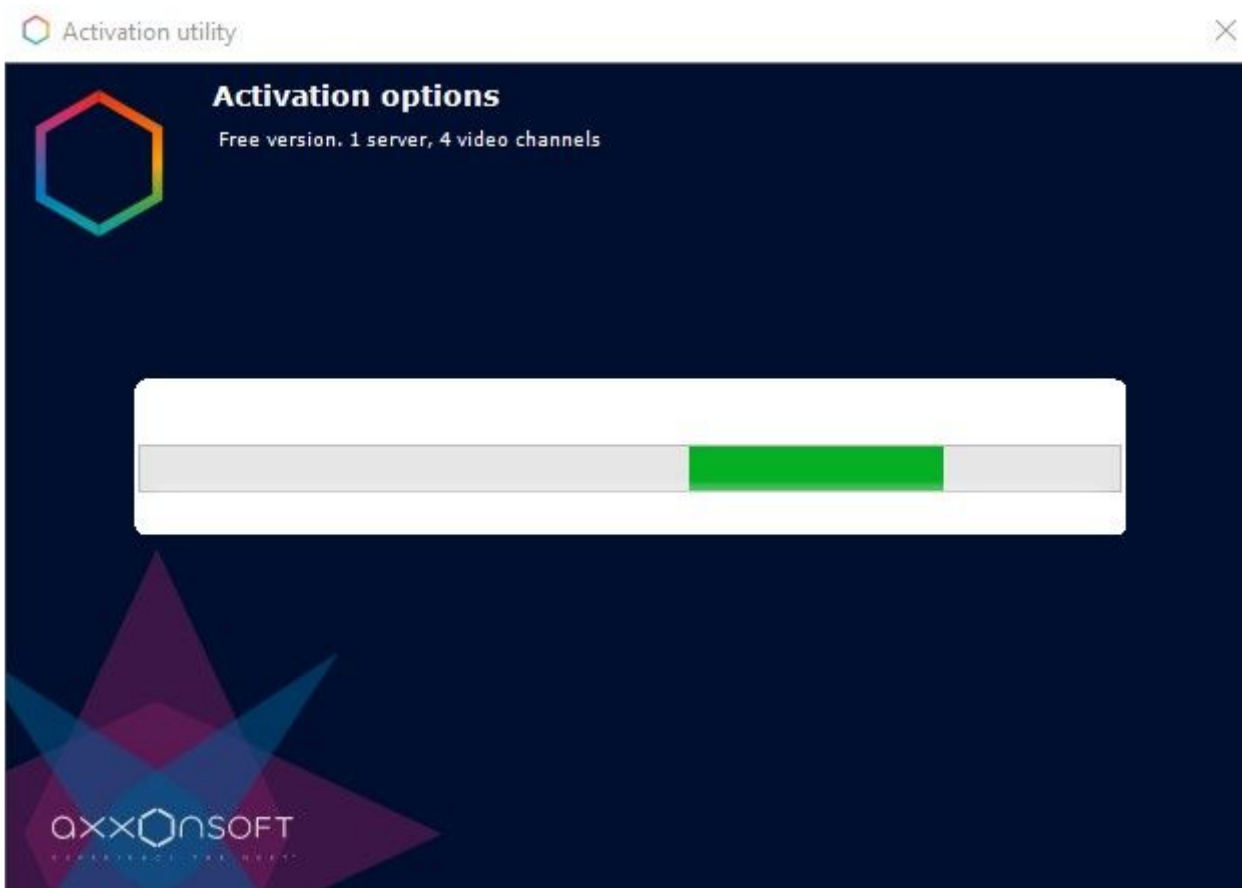


2. Select **Activate free version of the system** and click **Next**.



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

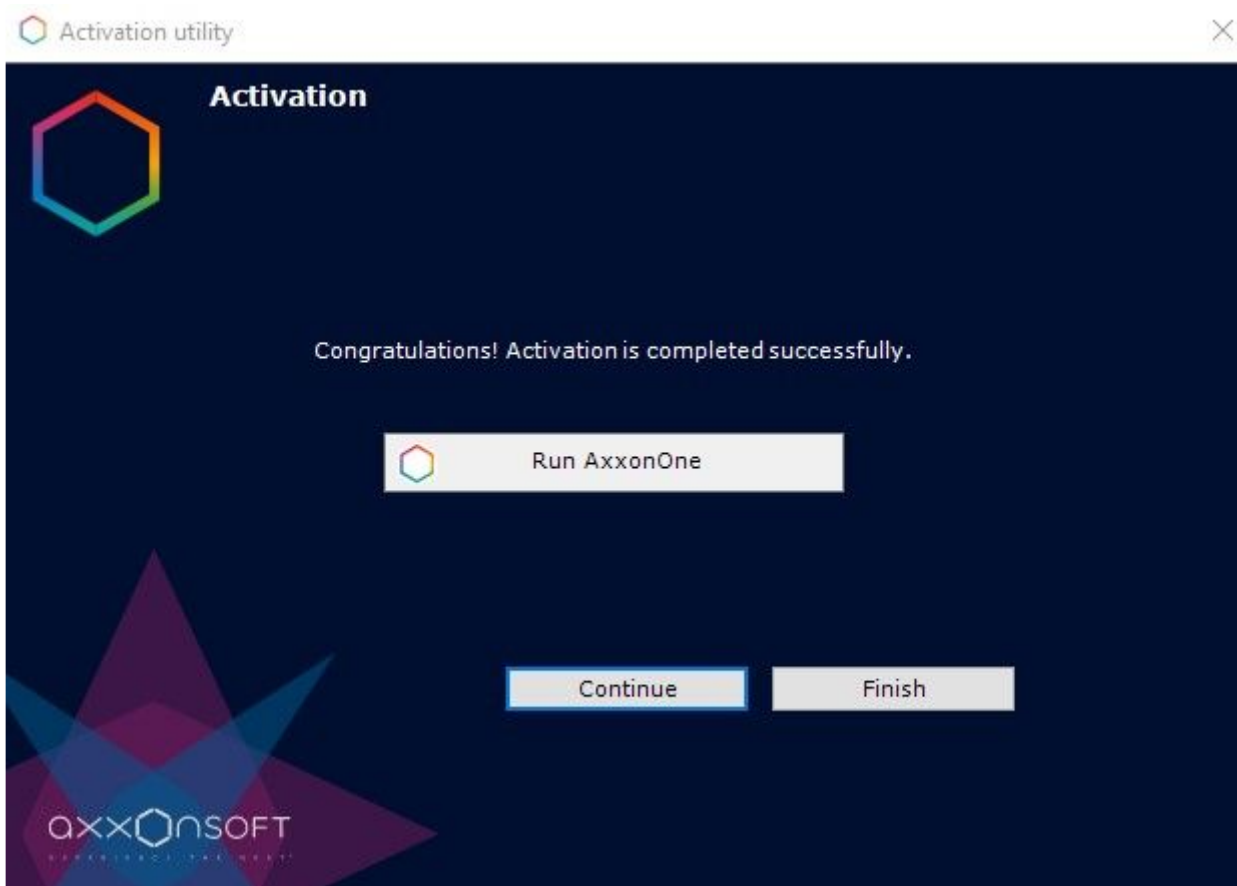
Your activation request will be sent online.



If activation is completed successfully on the licensing Server (<https://sale.axxonsoft.com/><sup>69</sup>), the license file will be automatically downloaded and distributed within the system.

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<sup>69</sup> <https://sale.axxonsoft.com/sale/>

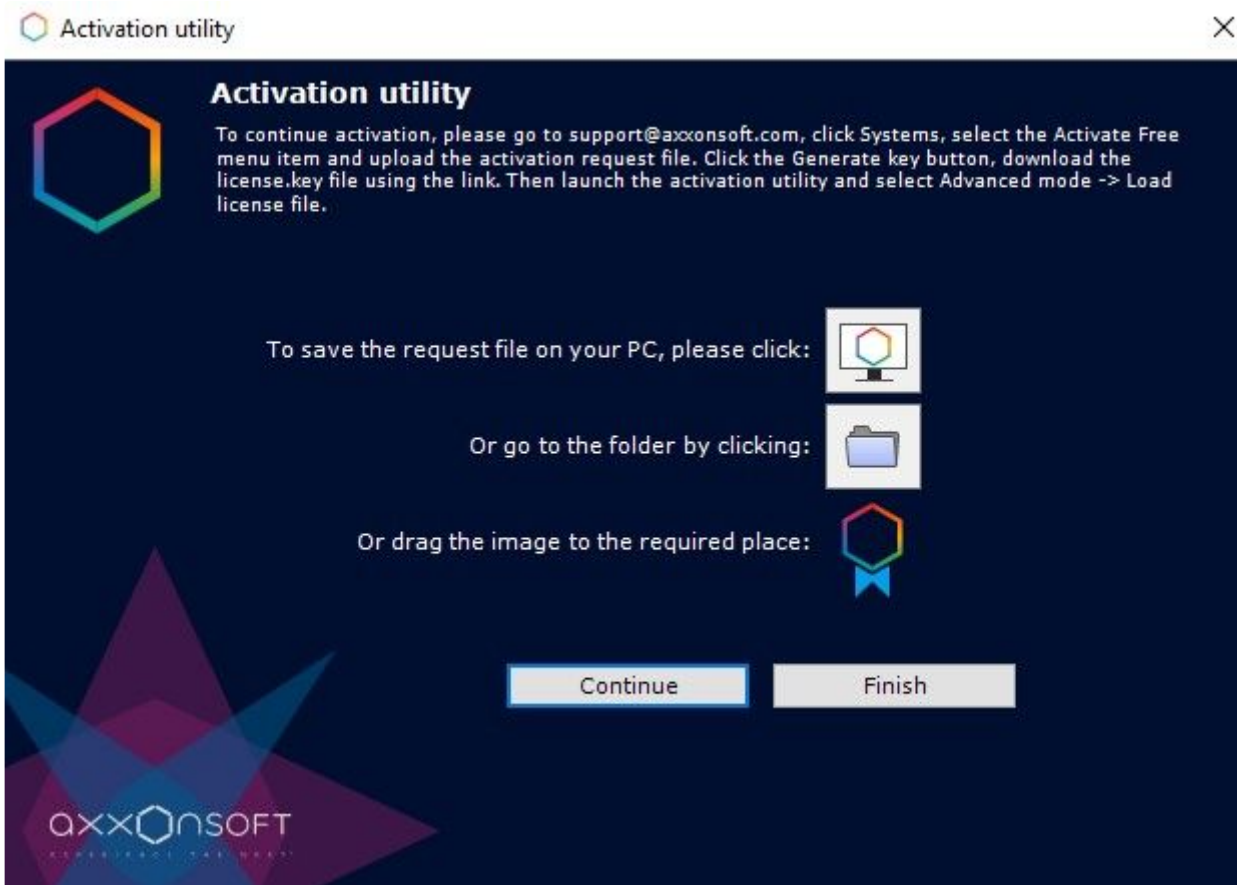





You have completed your *Axxon One* Free activation.

**Note**

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

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 Servers Web-Interface (see [Generating the Axxon One Free license file](#)(see page 44)) and download the license file to the system (see [Activation by applying license file](#)(see page 23)).

**⚠ Attention!**  
The *Axxon One* Server must be restarted after activation.

## 8 Activating Axxon One

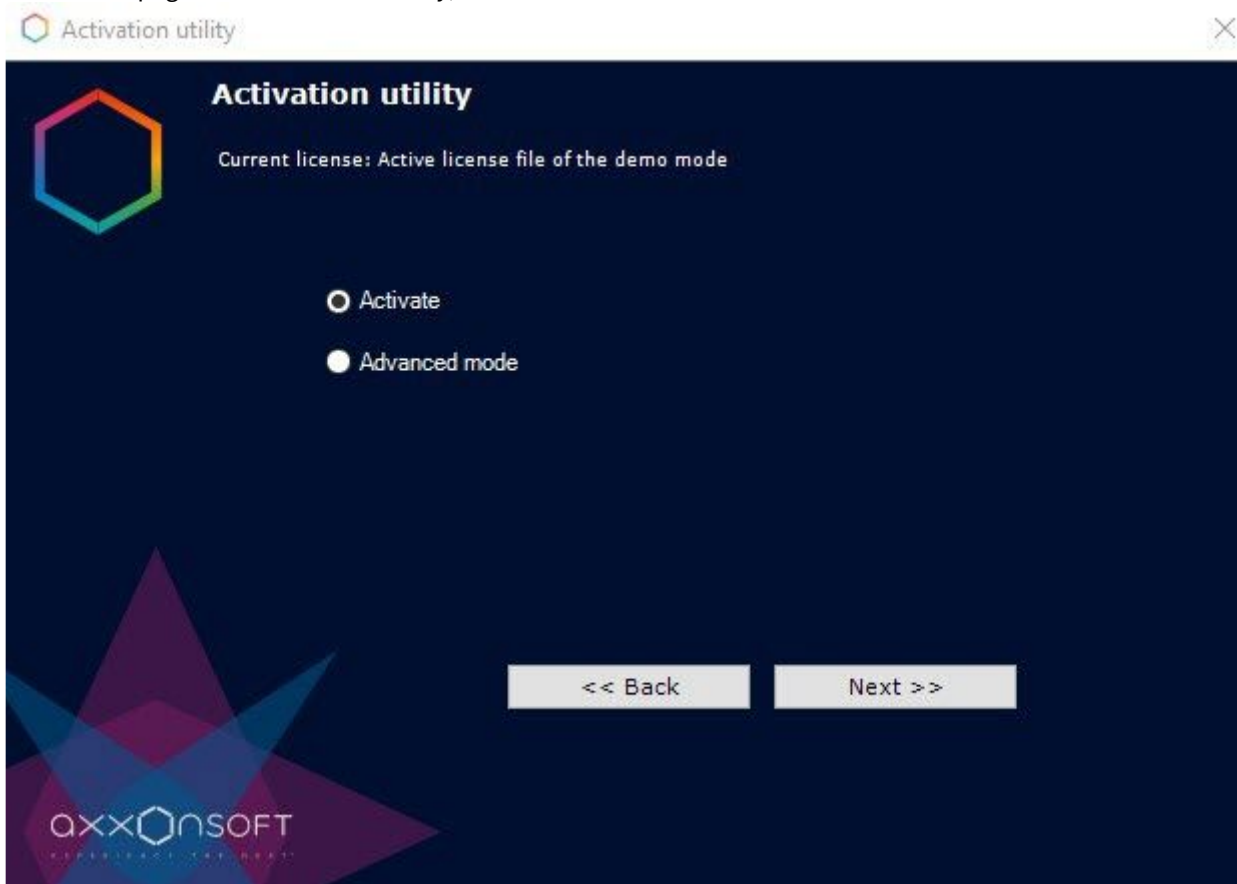
To activate your *Axxon One*, do as follows:

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.

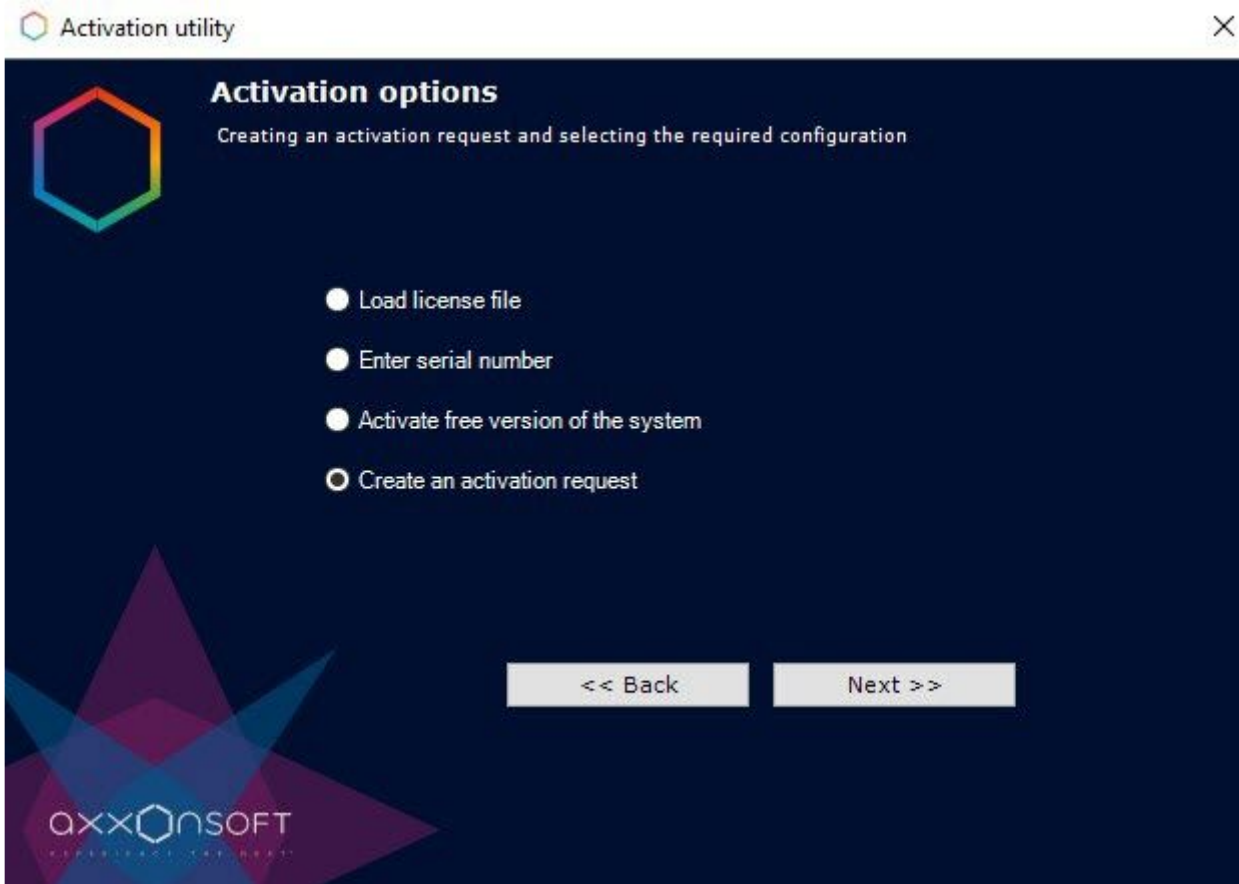
### 8.1 Creating an activation request

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.



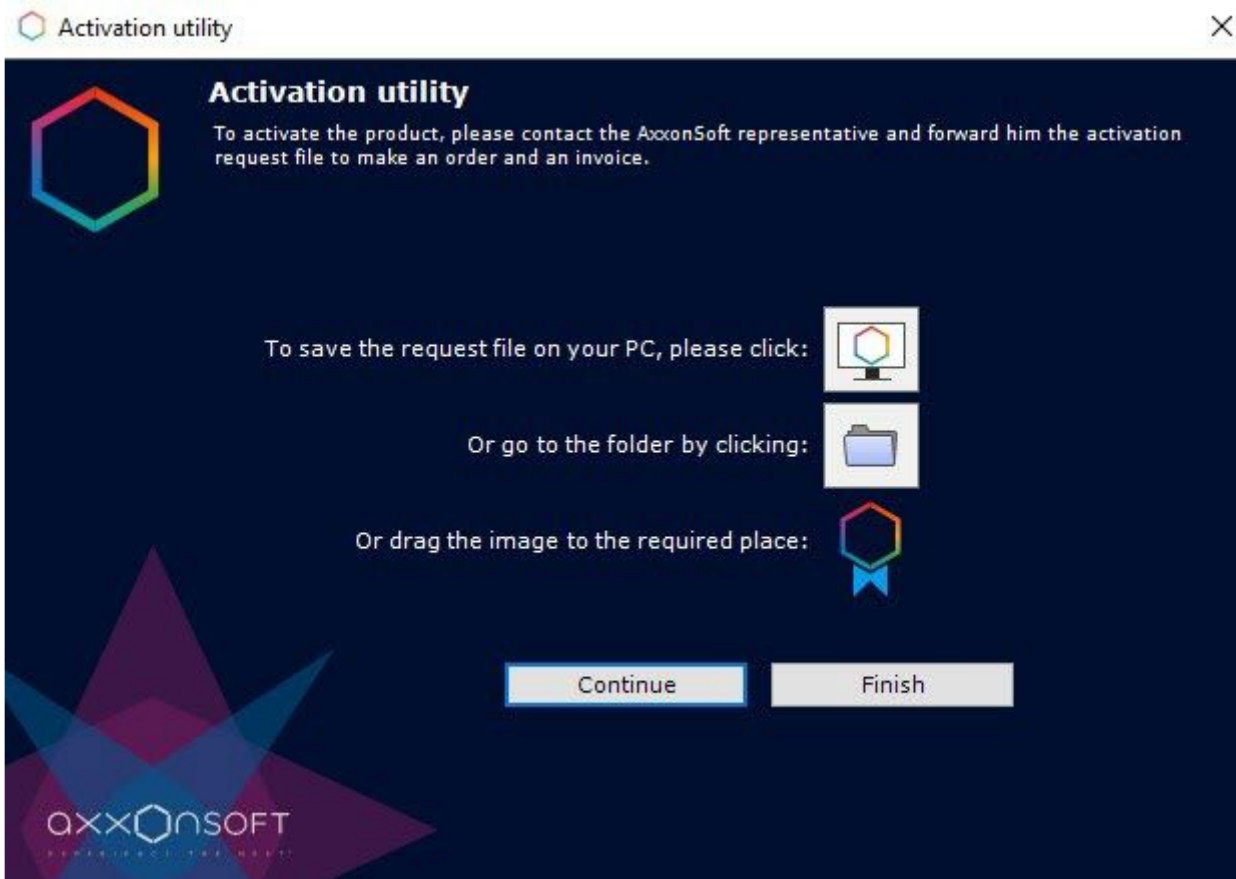
3. Select the **Create an activation request** and click the **Next** button.






**Note**

When you create a request file, all Servers in the 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.

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



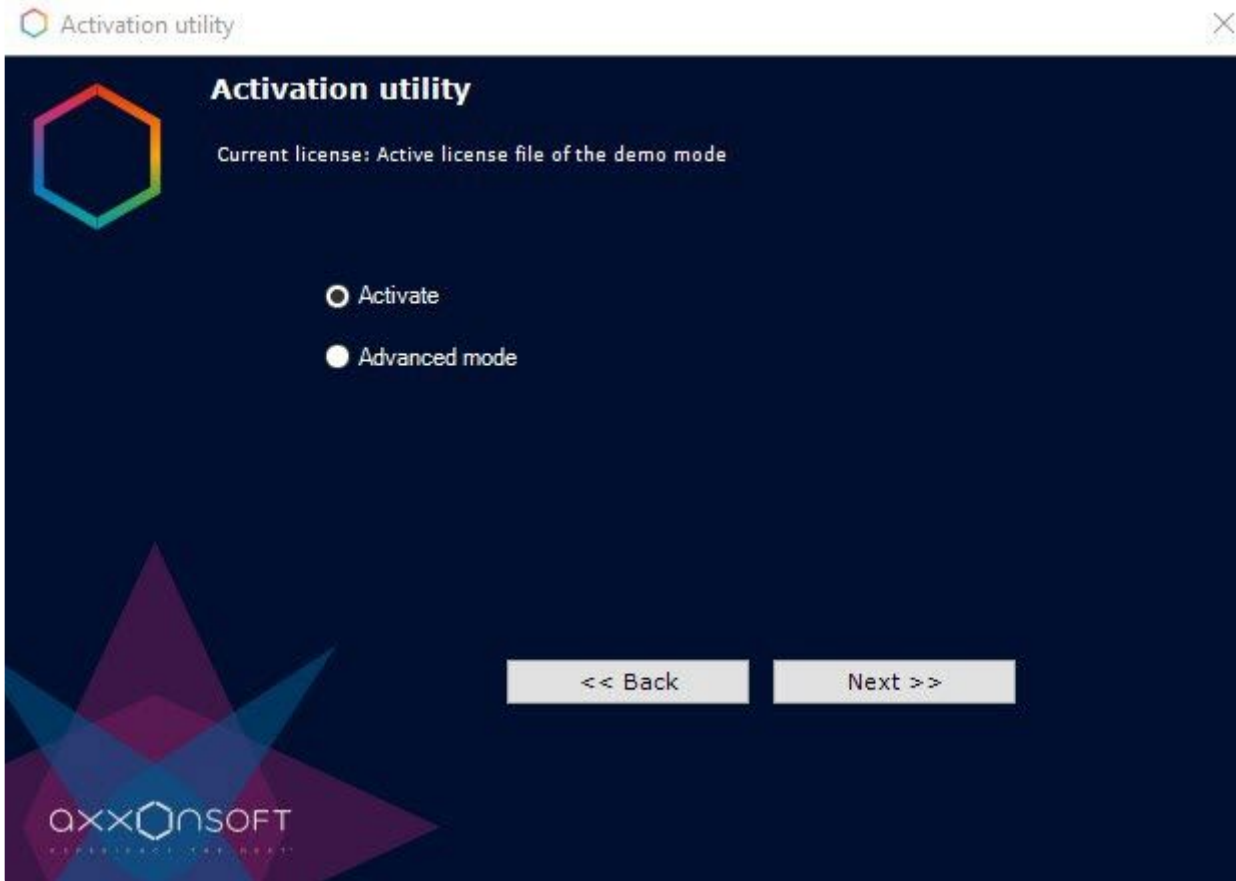
- a. Click the  button in the standard Windows dialog box to browse for file location and enter the name.
- b. Click the  button. The folder that contains the request file opens.
- c. Drag and drop the  image to the destination folder.

You have created an activation request file. To return to the home page of the activation utility, click **Continue**, to exit it – click **Finish**.

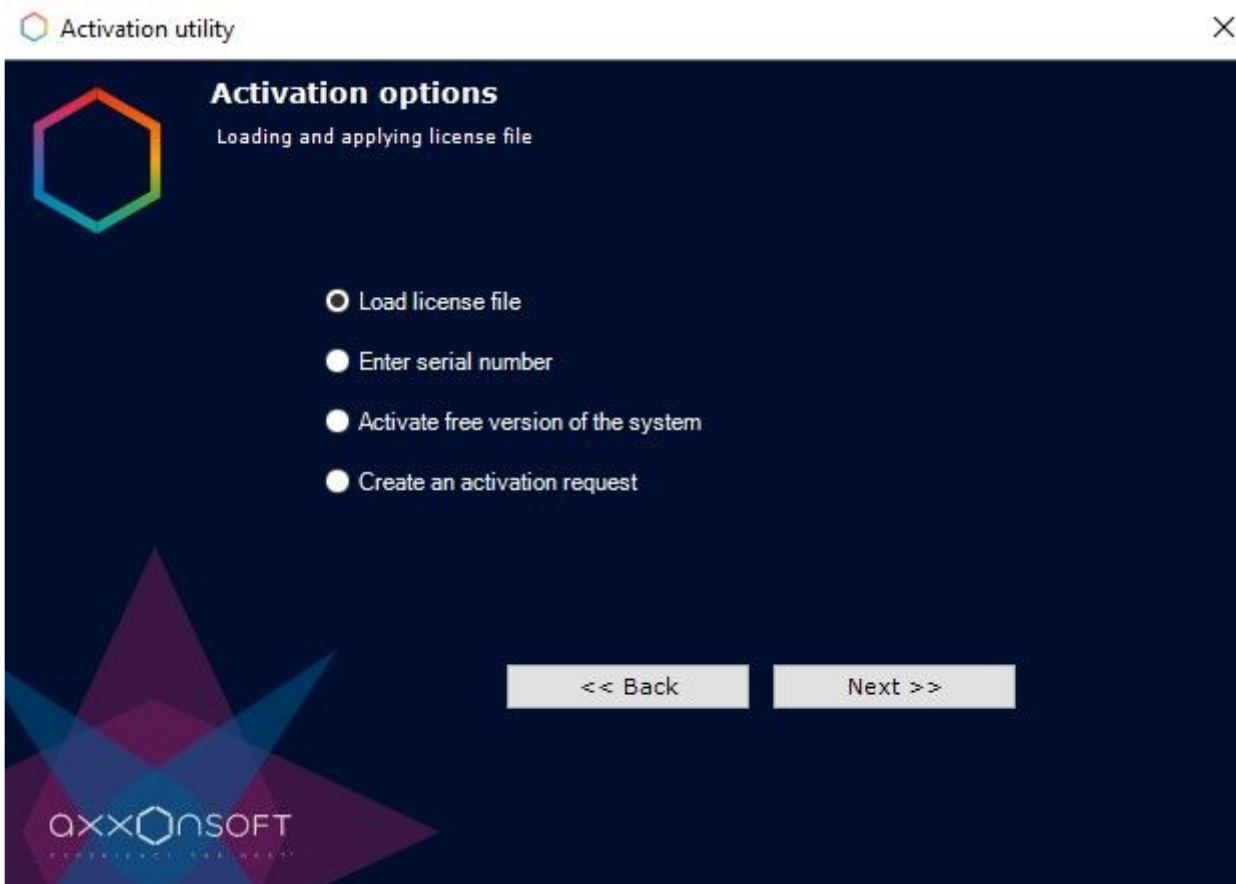
## 8.2 Activation by applying license file

You can apply your *Axxon One* license file as follows:

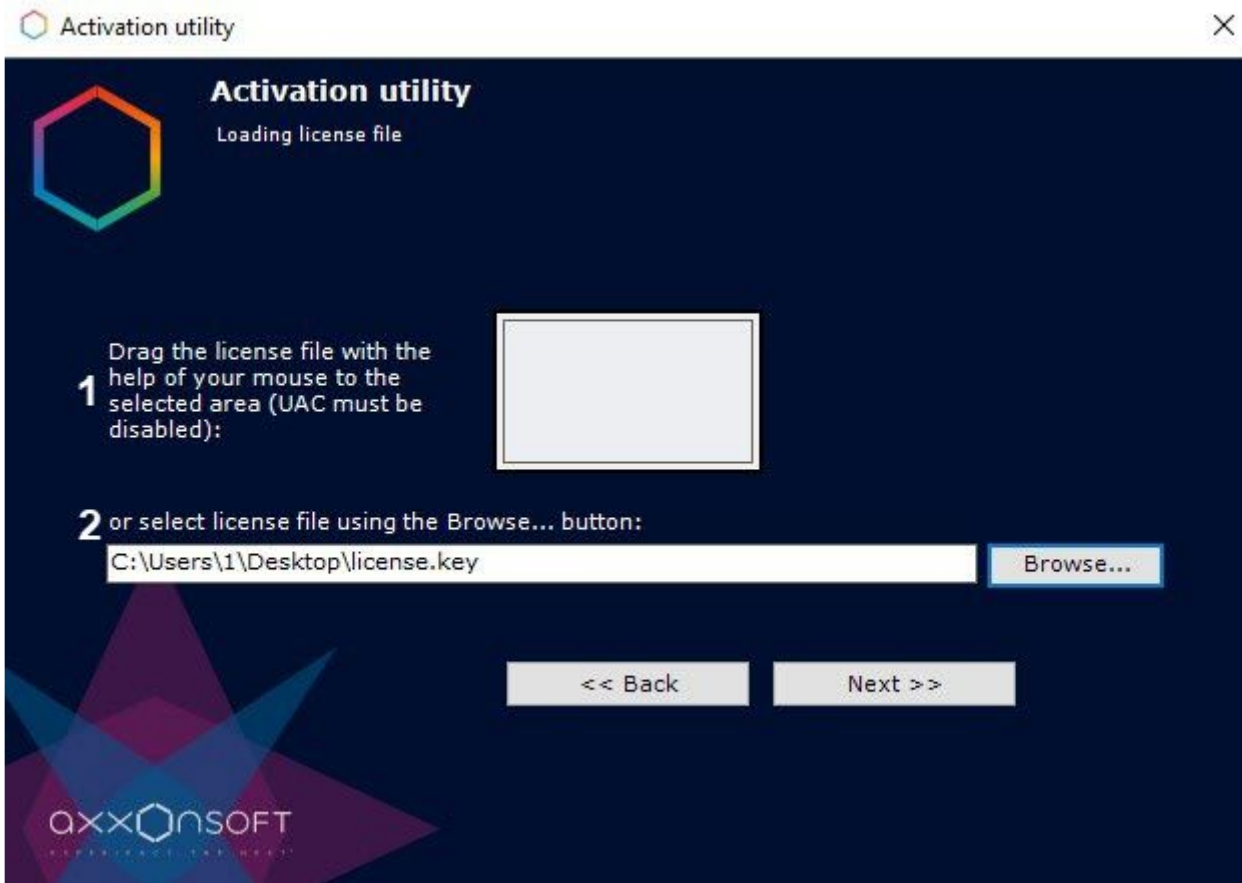
1. On the main page of the activation utility, select **Activate** and click **Next**.



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



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



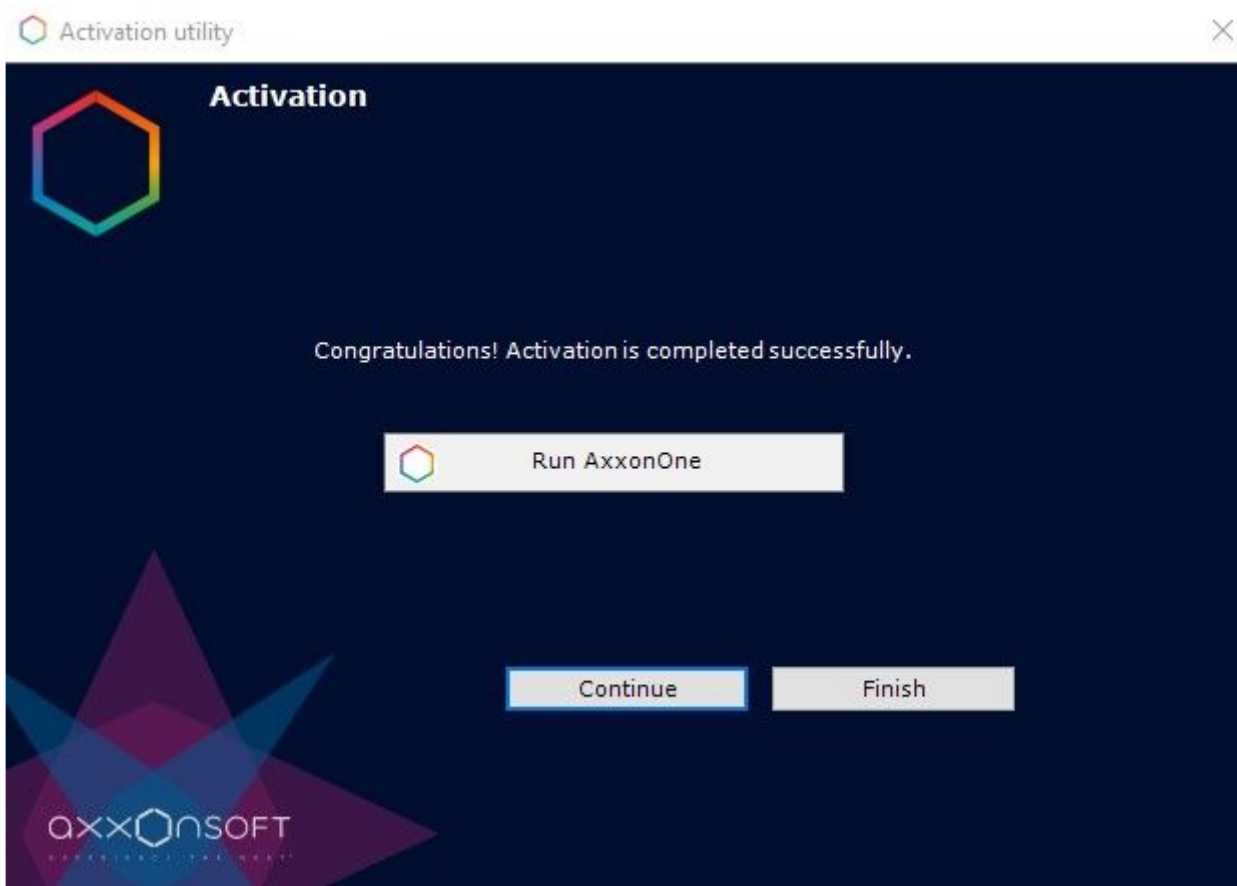
- a. drag and drop the license file to the selected area (1),
  - b. click the **Browse...** button and select a license file (2).
4. Click the **Next** button.

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 One*.

**⚠ Attention!**

The *Axxon One* Server must be restarted after activation.

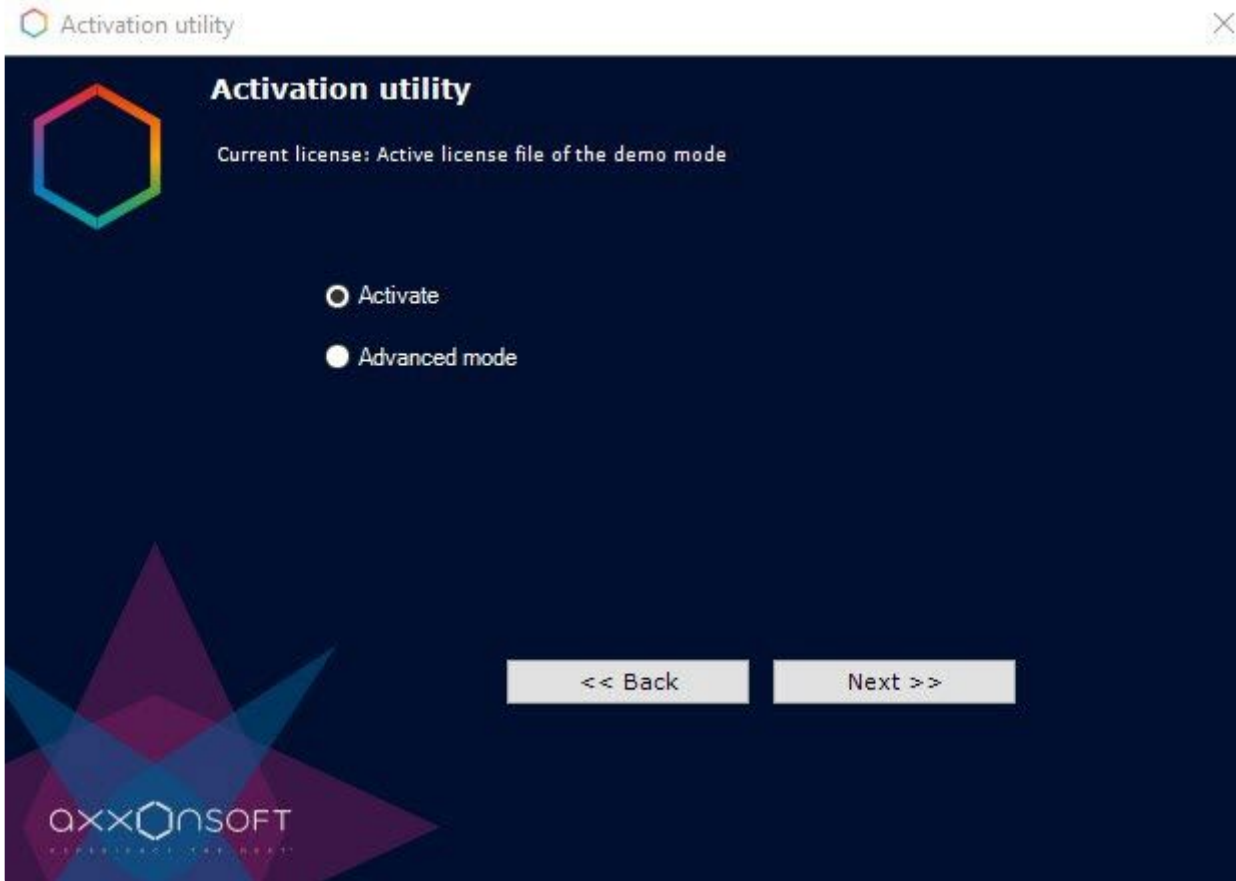
**i Note**

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

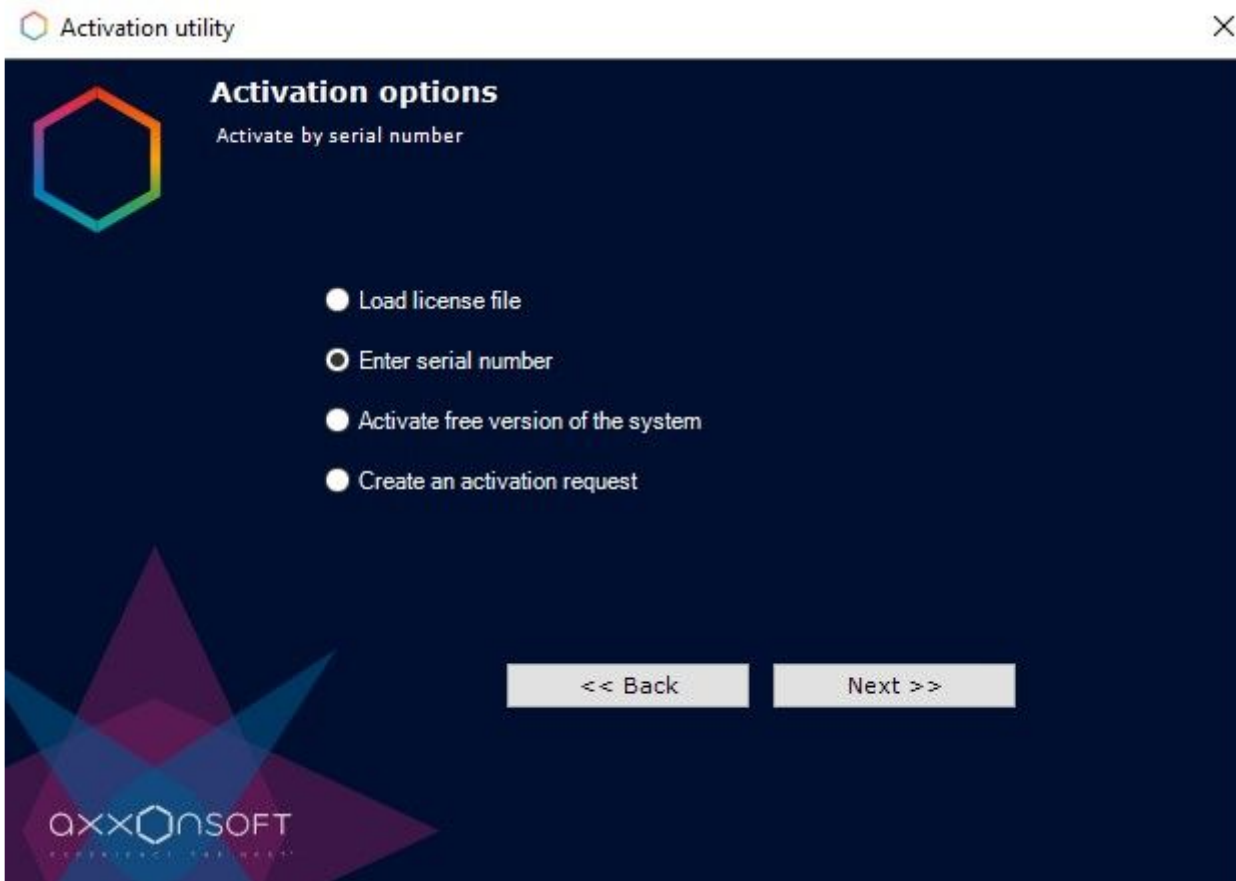
### 8.3 Activation with serial number

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

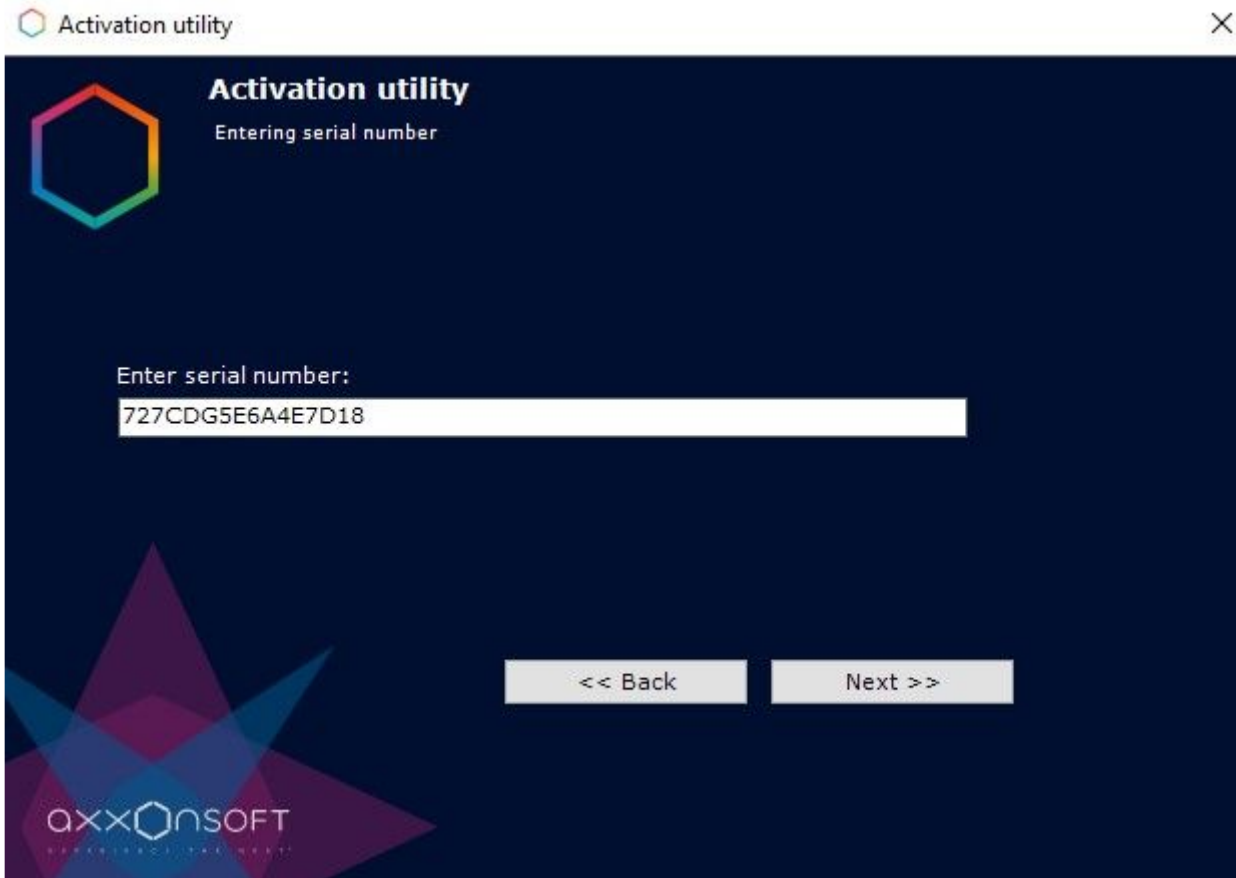
1. On the main page of the activation utility, select **Activate** and click **Next**.



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 Axxon 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.

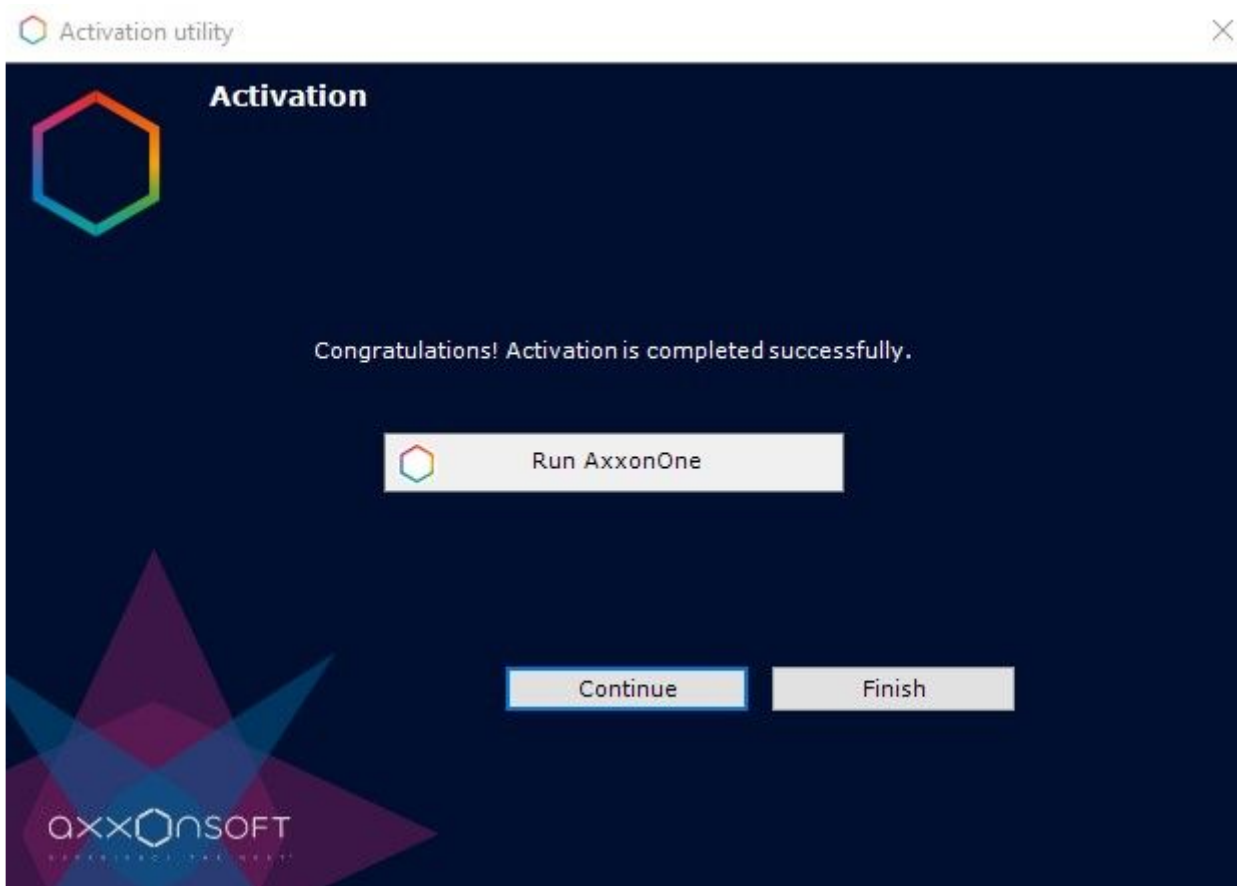
**Note**

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.

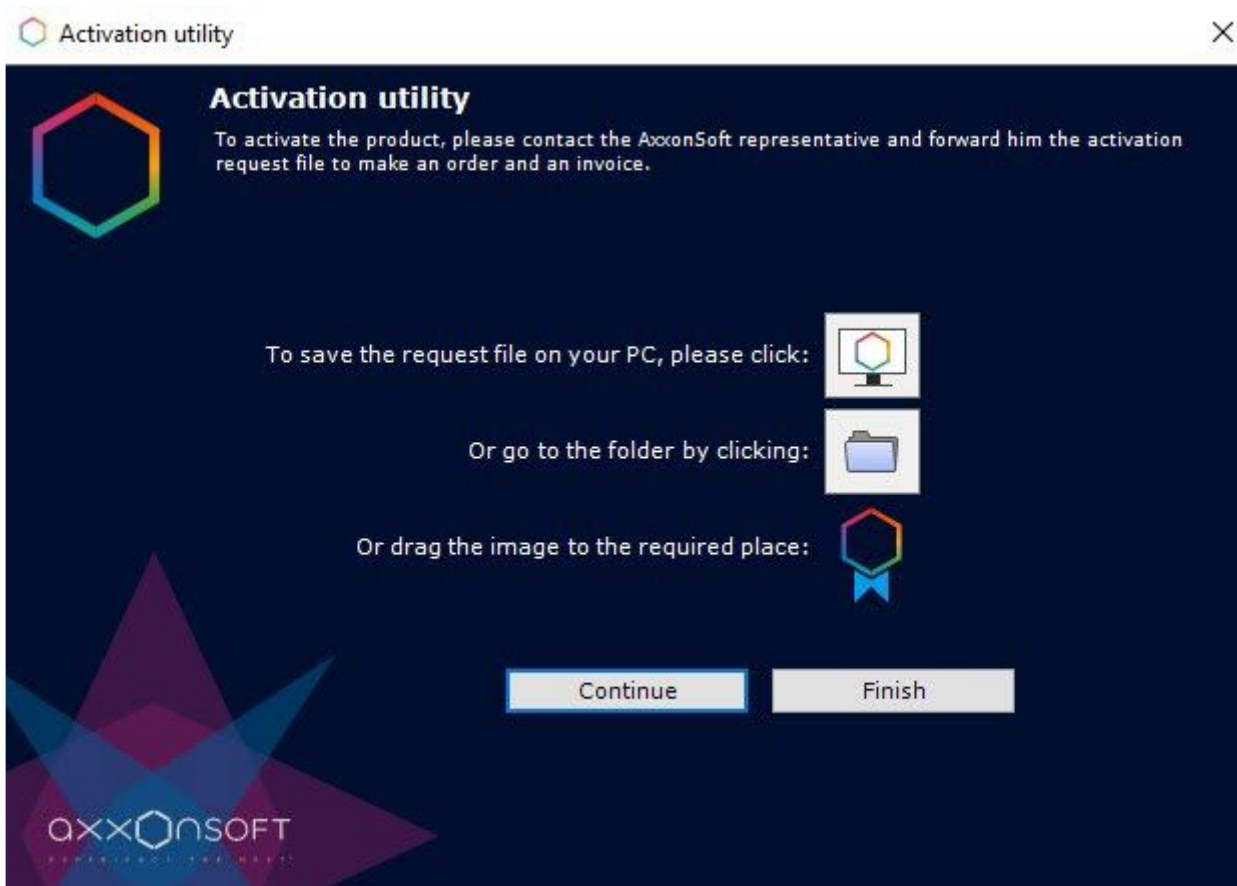





You have activated *Axxon One*.

**Note**

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

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 One license file](#)(see page 44)) and download the license file to the system (see [Activation by applying license file](#)(see page 23)).

#### **Attention!**

The *Axxon One* Server must be restarted after activation.

## 8.4 Activation using Guardant dongle

Protected programs and all utilities that access the dongle require Guardant drivers.

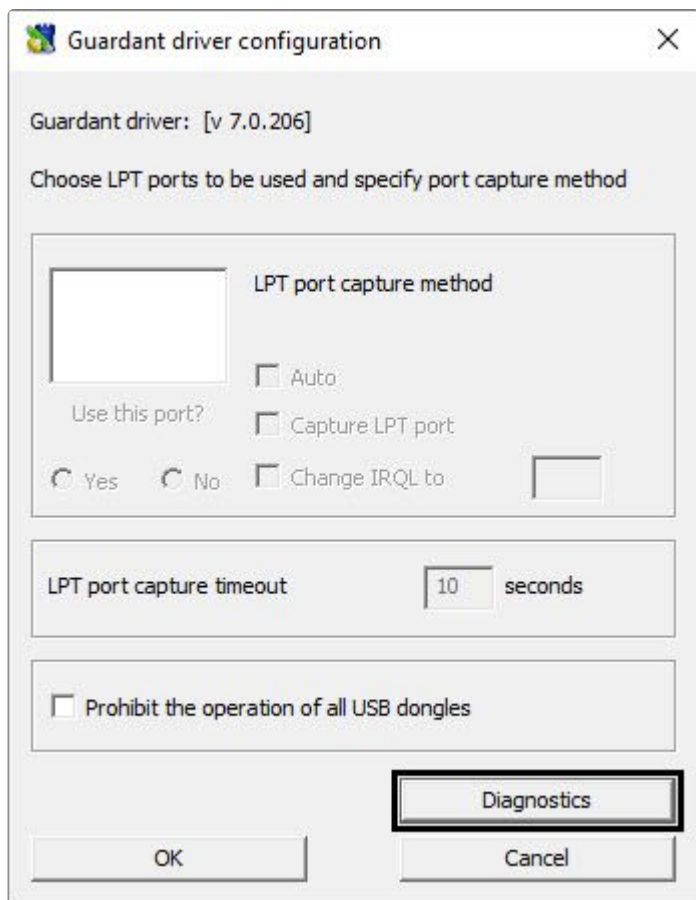
The Guardant dongle is a USB device with a key model embossed on its body.

To activate a Guardant dongle, refer to the official [Guardant documentation](#)<sup>70</sup>.

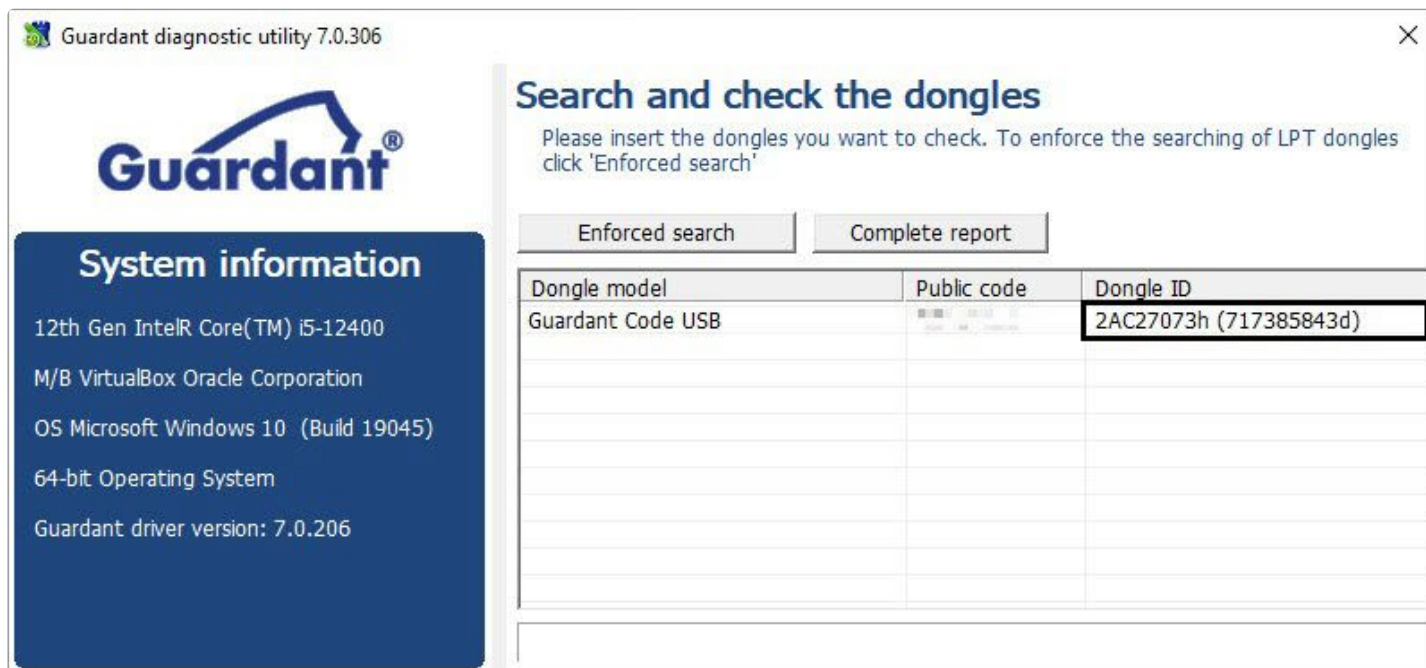
To view the Guardant dongles information in the Windows OS, go to **Start** → **Control Panel** → **System and Security** → **Guardant drivers** tab.

<sup>70</sup> <https://dev.guardant.com/display/PUB/Guardant+Doc+Home+Page>

In the **Guardant driver configuration** window that opens, click the **Diagnostics** button.



The **Guardant diagnostics utility** window that opens displays the information about the installed Guardant dongles, for instance, the dongle ID.



## 9 Upgrading Axxon One

To upgrade *Axxon One*, do as follows:

1. Deactivate your license (see [Deactivating a license](#)(see page 34)).
2. Generate an activation request (see [Creating an activation request](#)(see page 21)). Proceed with payment.
3. Activate your purchased license (see [Activation by applying license file](#)(see page 23), [Activation with serial number](#)(see page 26)).

 **Note**

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

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

You can transfer an *Axxon One* 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](#)(see page 37)).
2. Uninstall *Axxon One*, but save the configuration, on the old computer (see [Removal](#)<sup>71</sup>).
3. Copy the configuration folder to a new computer (C:\ProgramData\AxxonSoft\AxxonOne by default).
4. Install *Axxon One* on the new computer.
5. Apply the license file (see [Activation by applying license file](#)(see page 23)) and insert the Guardant dongle.

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

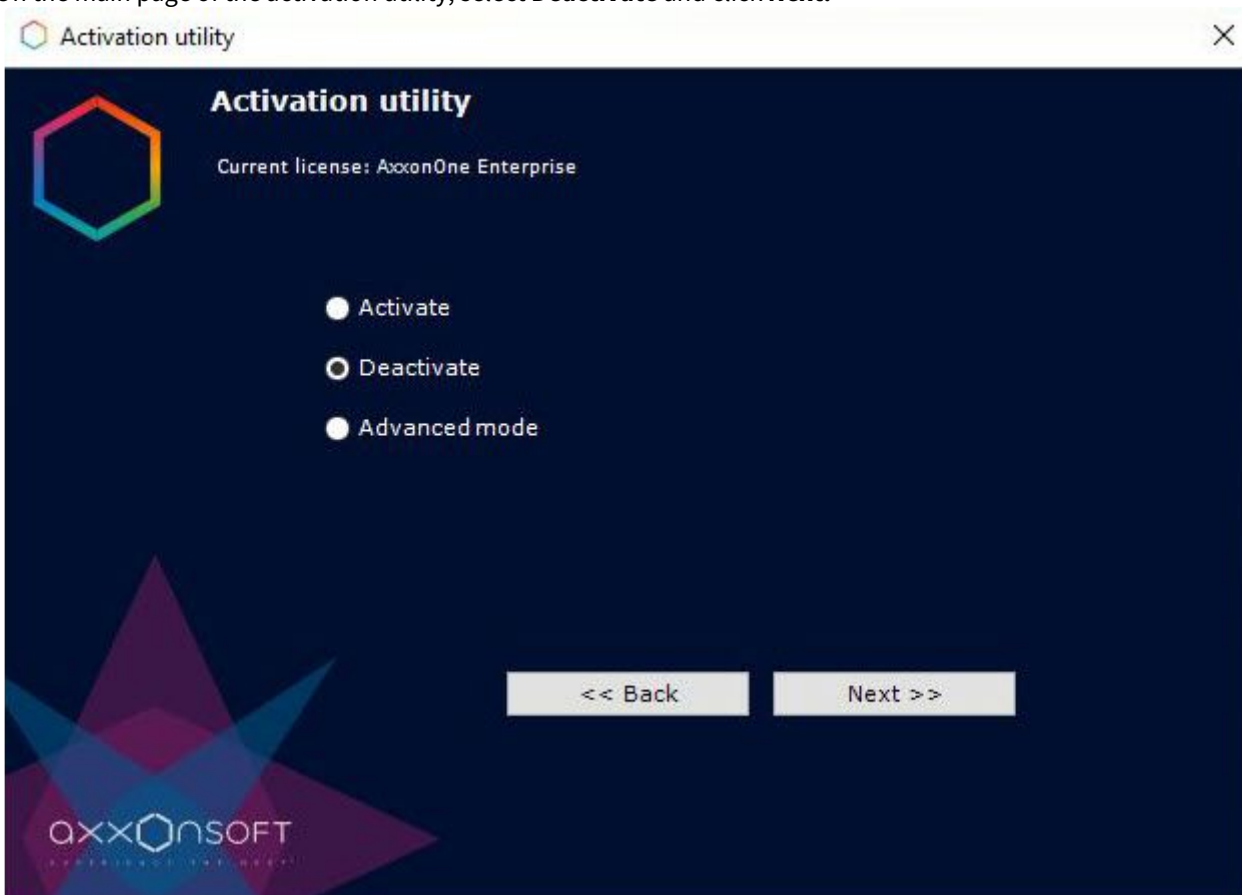
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<sup>71</sup> <https://docs.axxonsoft.com/confluence/display/one20en/Removal>

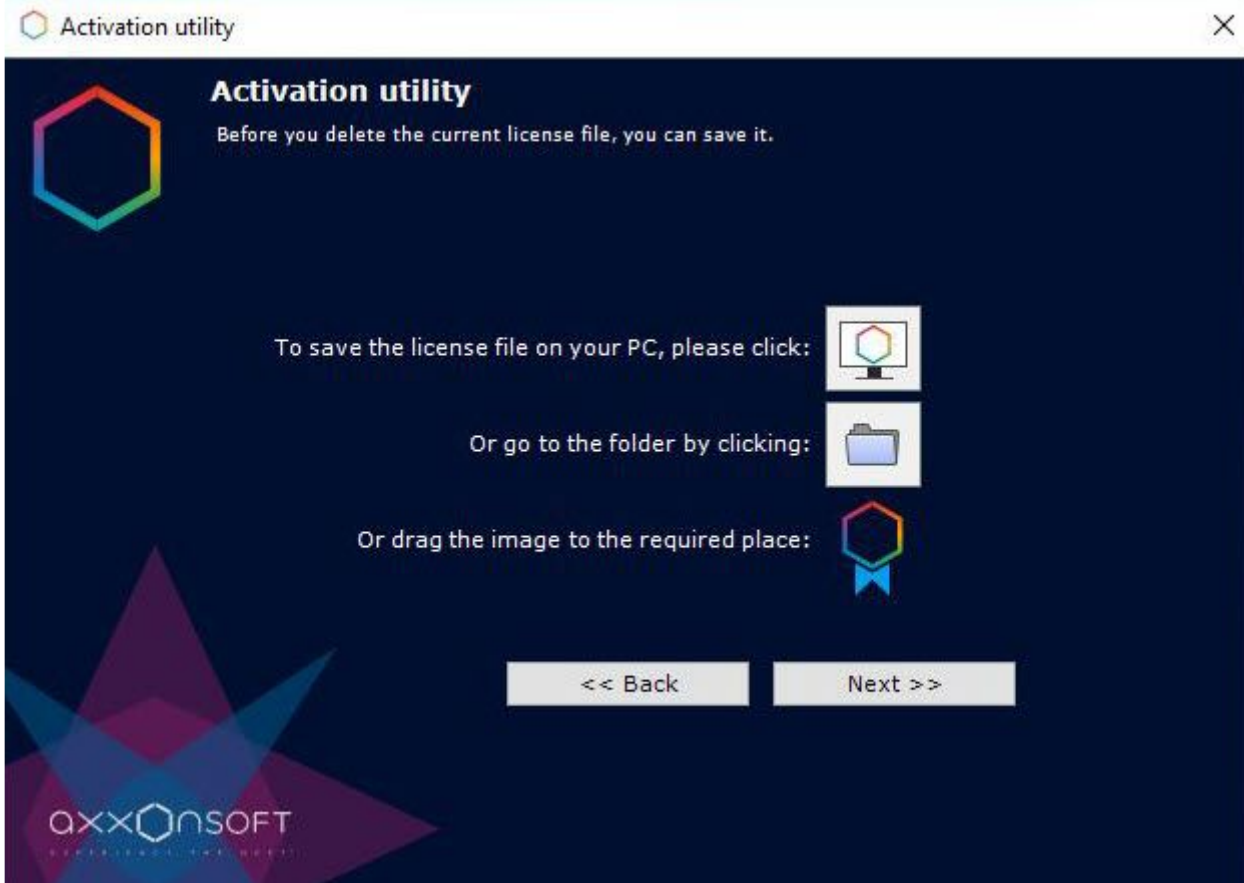
## 11 Deactivating a license

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

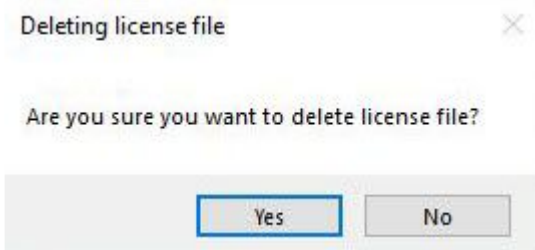
1. On the main page of the activation utility, select **Deactivate** and click **Next**.



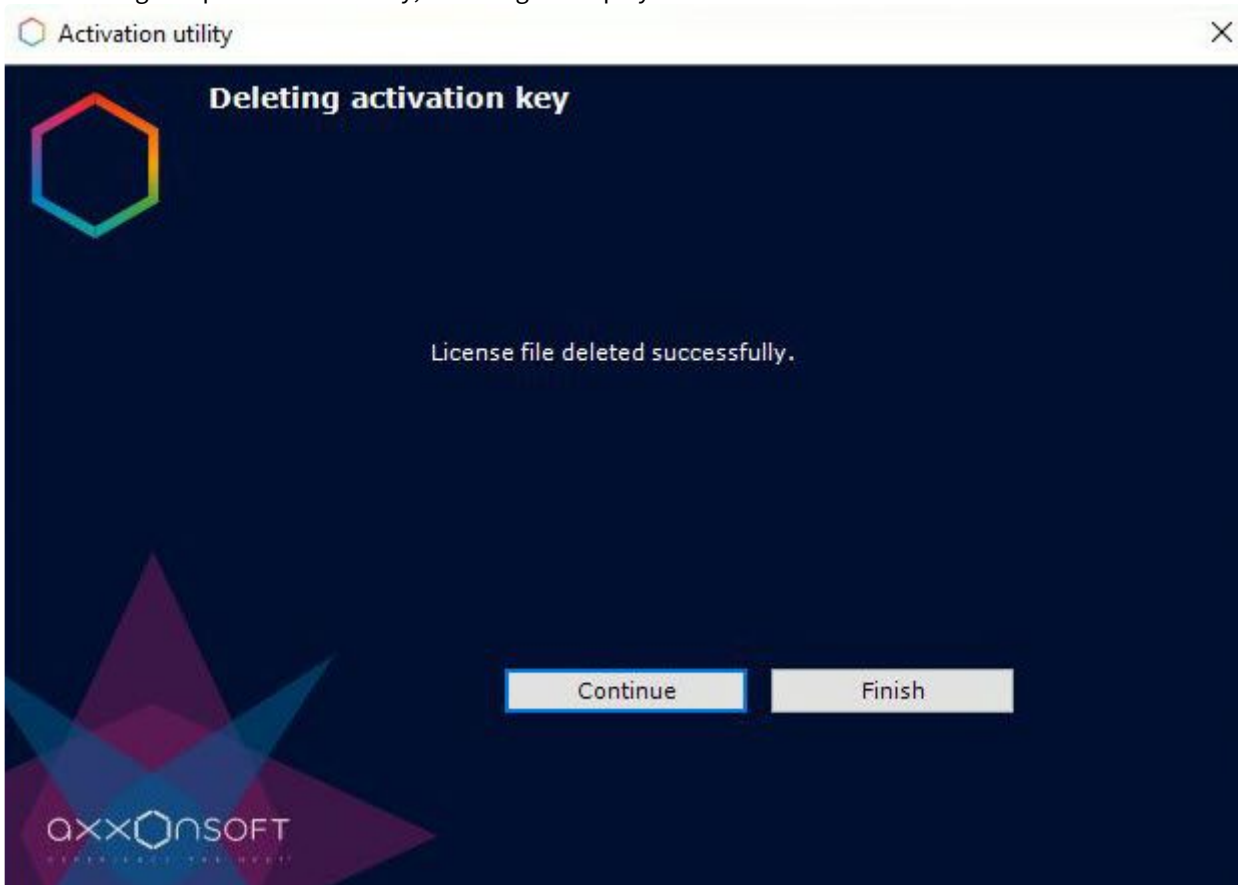
2. You can save the activation request file using any one of the methods prompted on the screen. Click the **Next** button.



3. Confirm deleting a license file.



4. If the deleting completed successfully, a message is displayed.



You have deleted a license file. Now your VMS runs in *Axxon One* Demo mode.

**Note**

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

**Attention!**

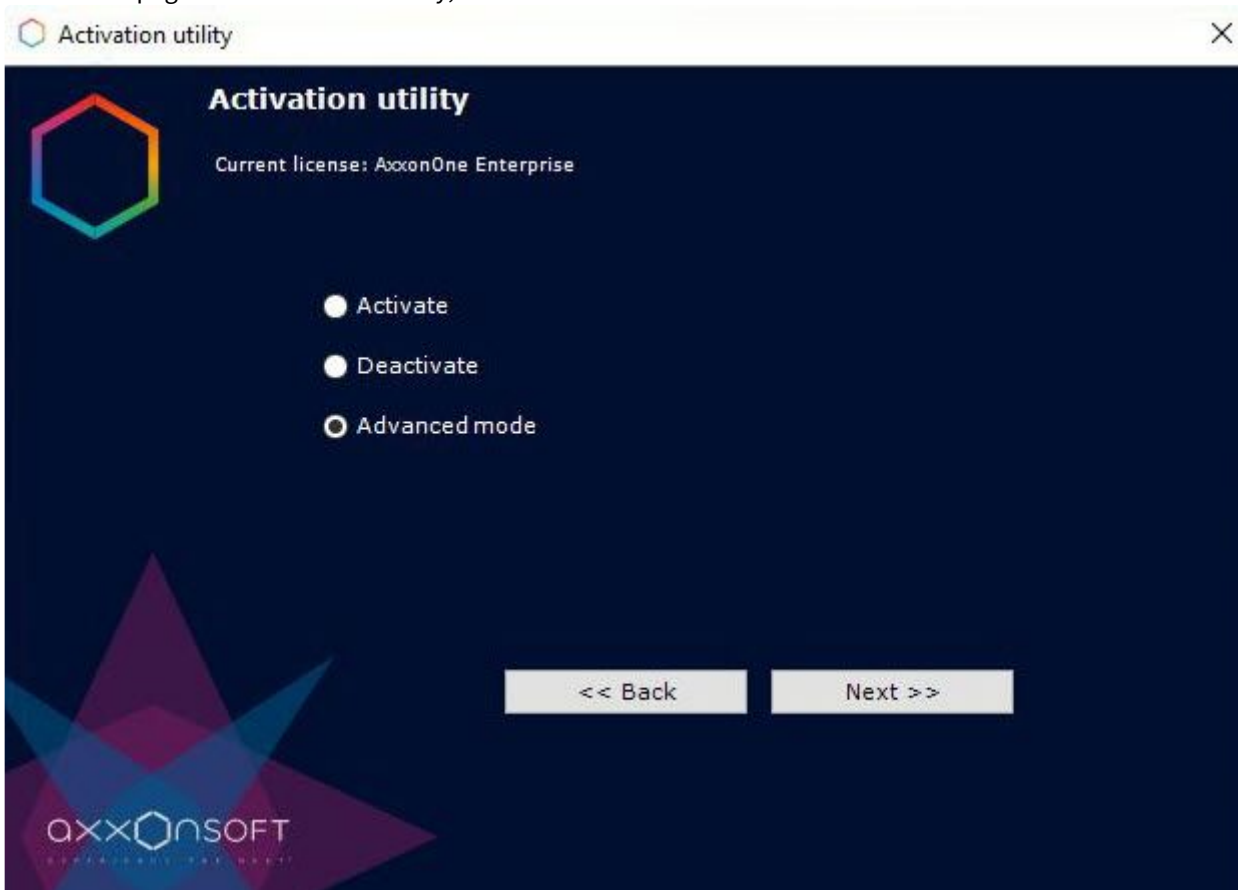
The *Axxon One* Server must be restarted after deactivation.

## 12 Additional license utility actions

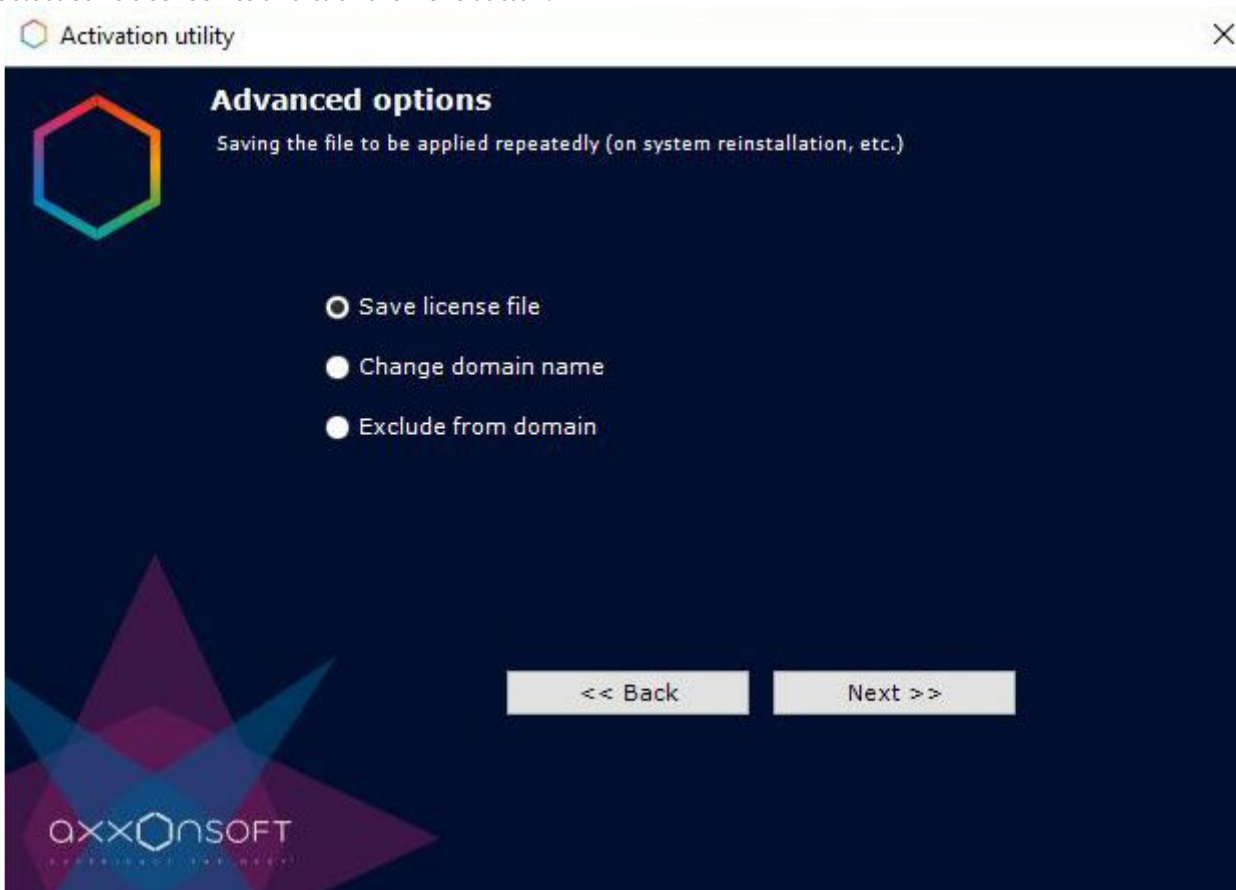
### 12.1 Saving the license file

To save the license file, follow these steps:

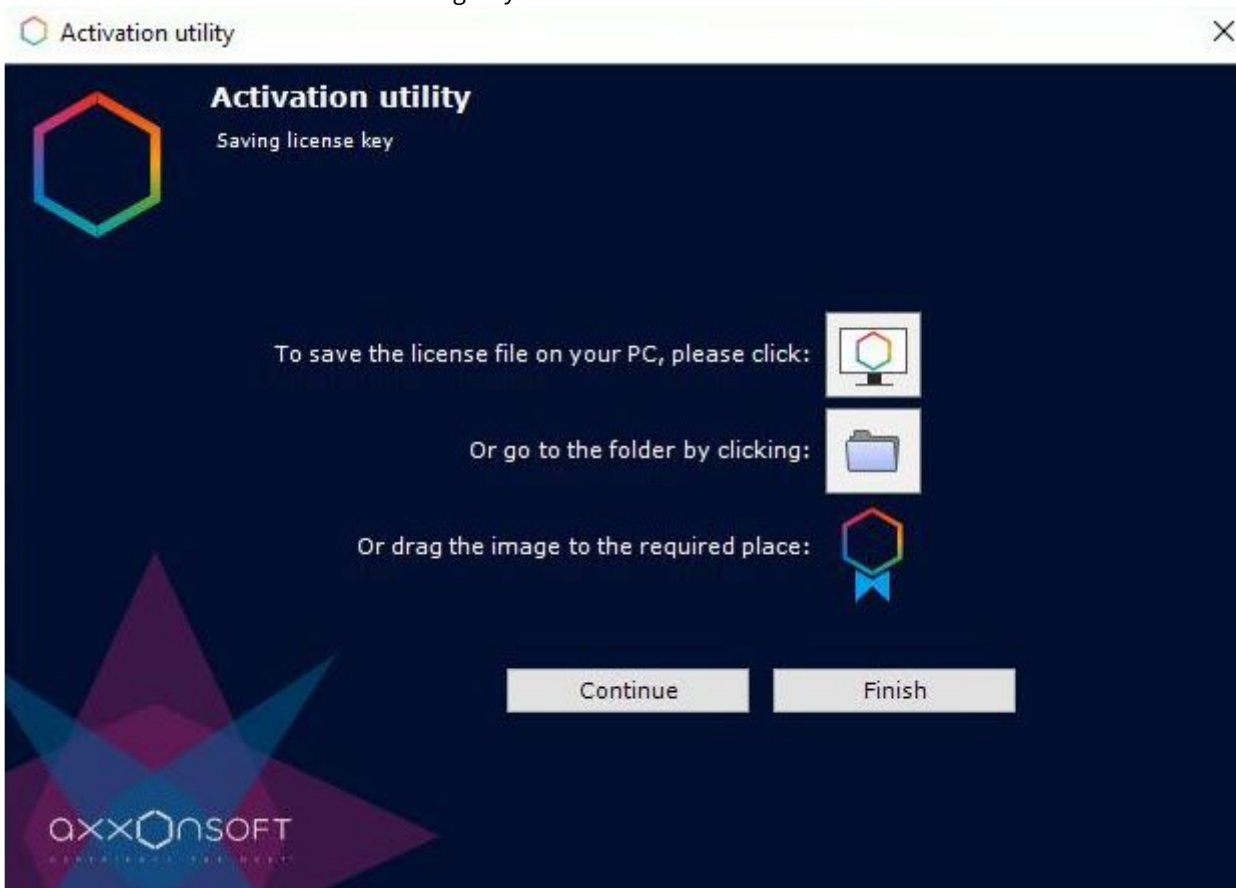
1. On the main page of the activation utility, select **Advanced mode** and click the **Next** button.






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.

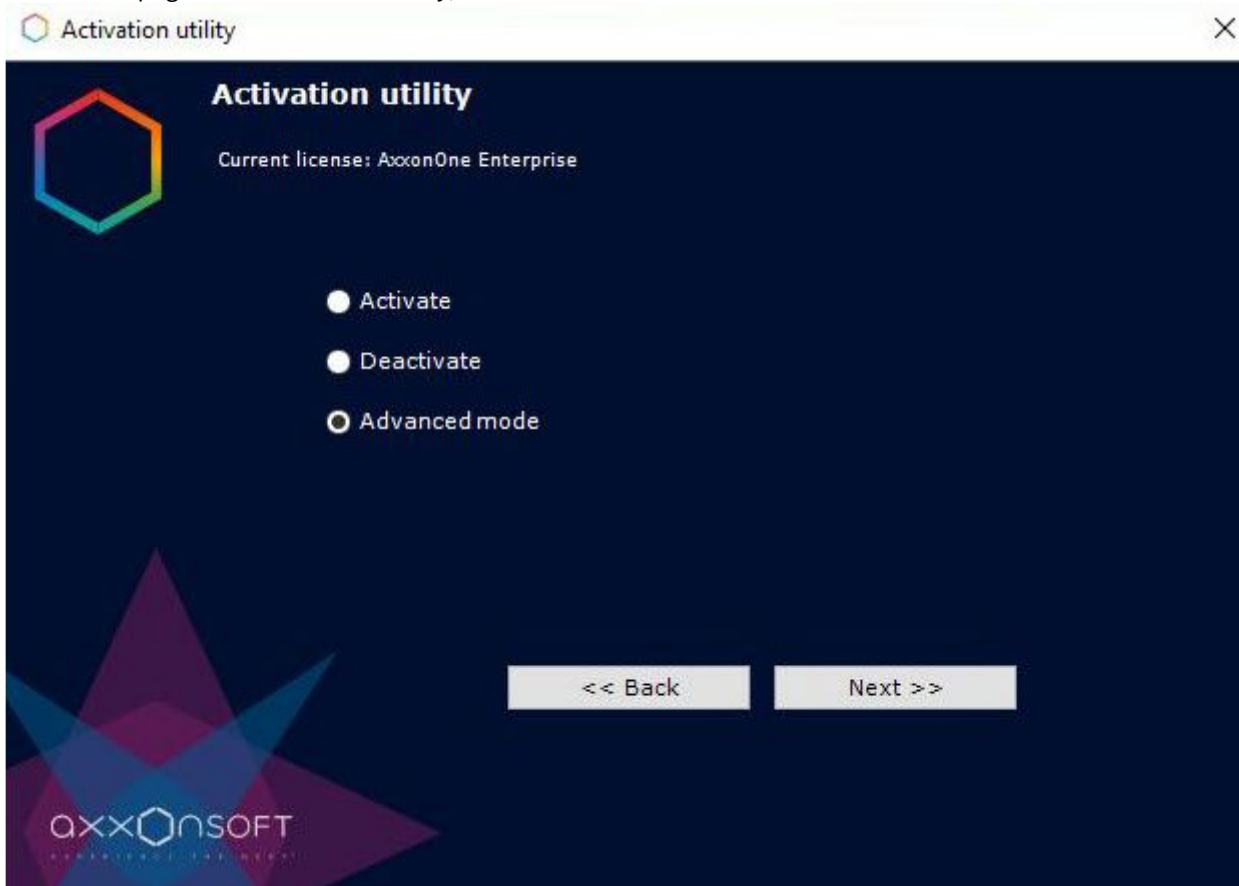
Saving the license file is complete.

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

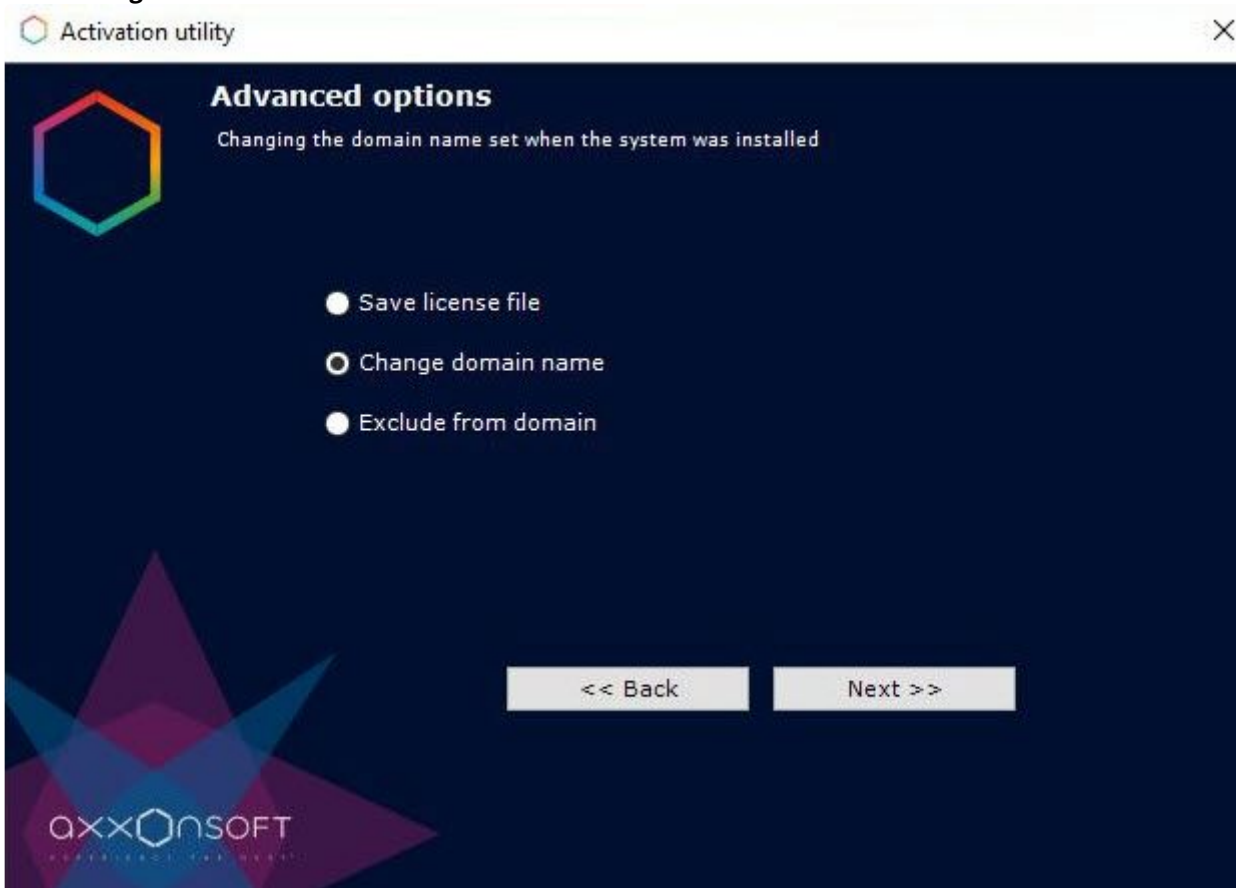
## 12.2 Changing the domain name

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

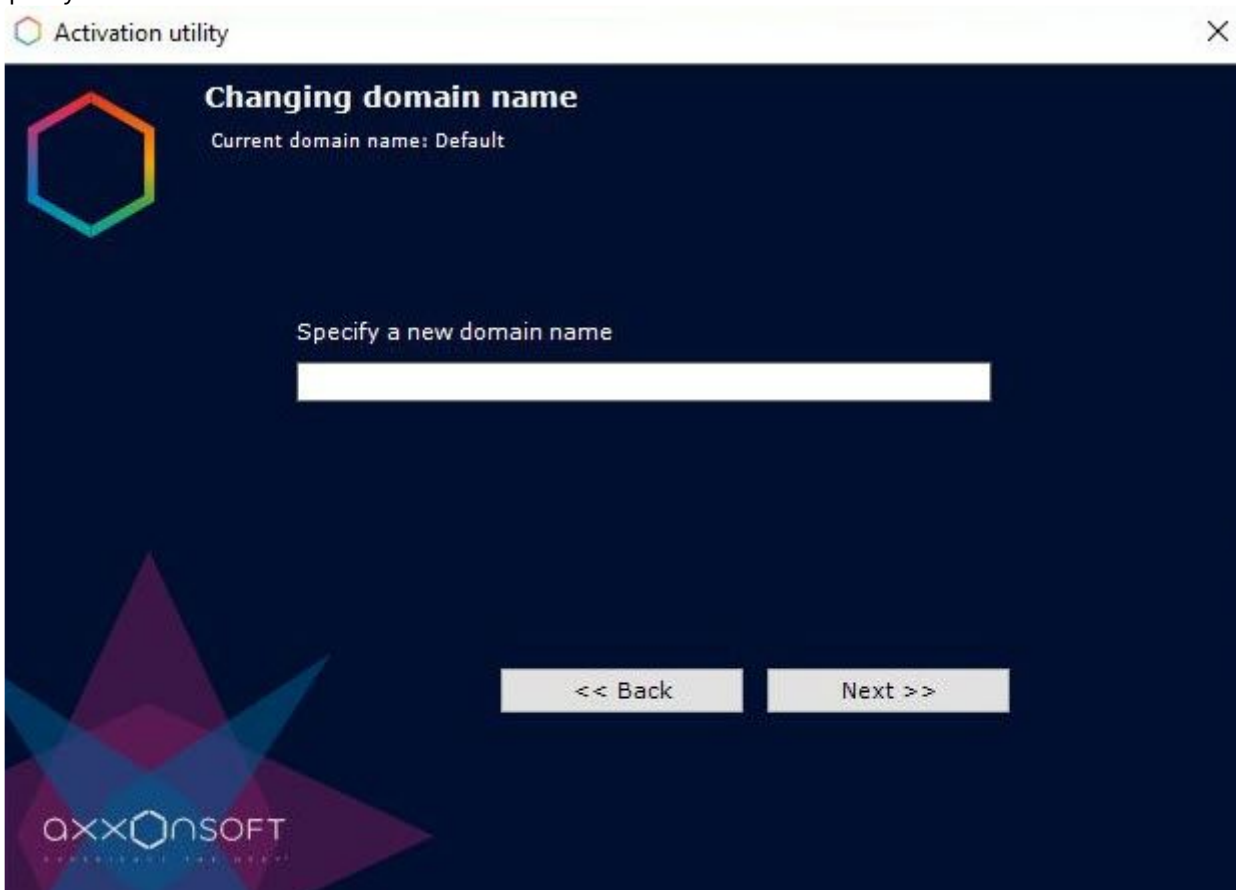
1. On the main page of the activation utility, select **Advanced mode** and click the **Next** button.



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



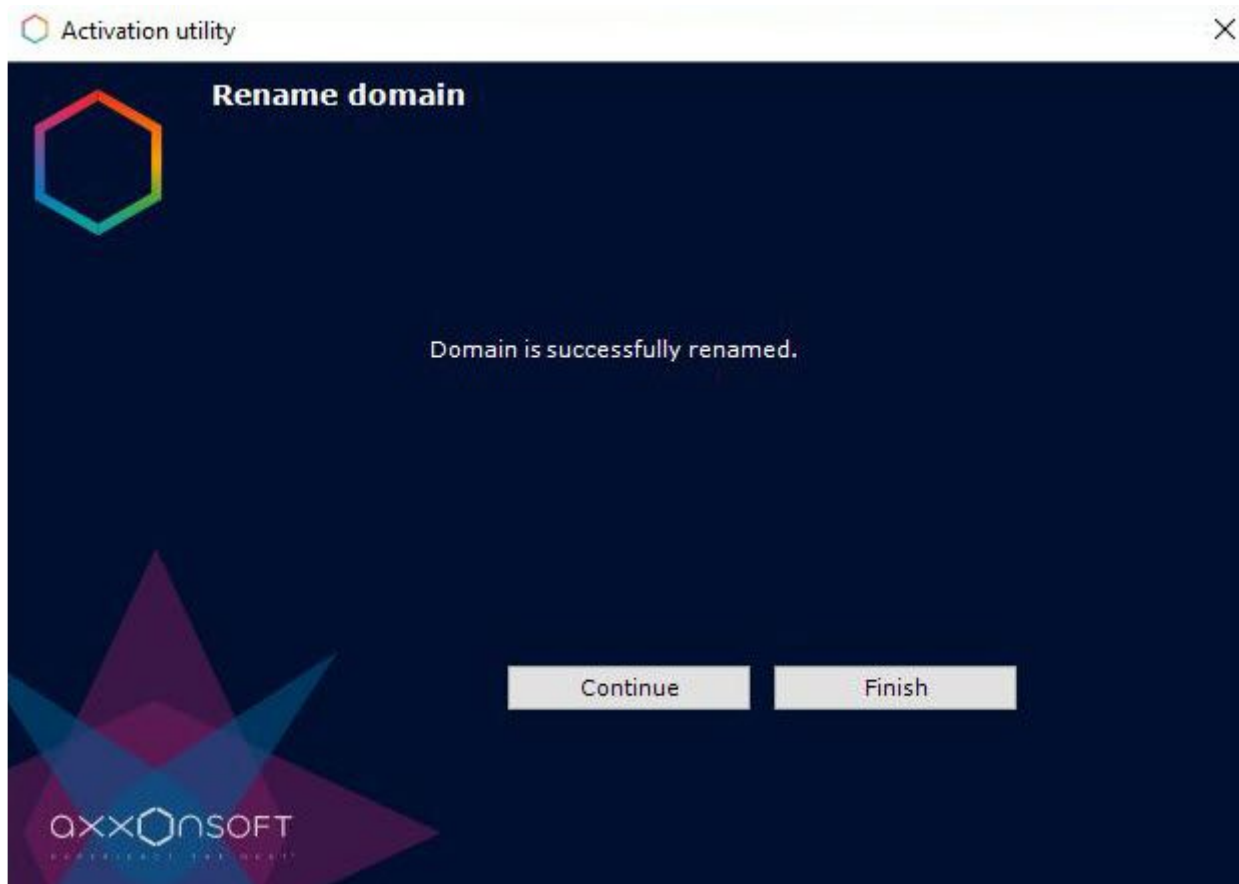
3. Specify the new domain name and click **Next**.



**Note.**

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

On success a message will appear.

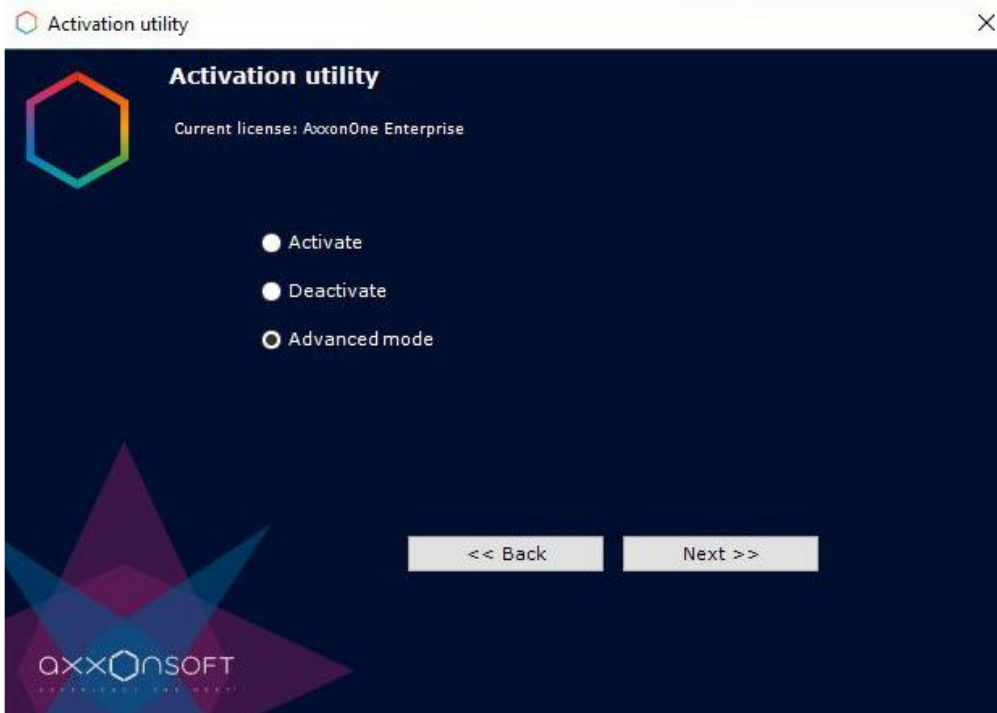


To return to the Home page of the activation utility, click **Continue**, to exit it – click **Finish**.

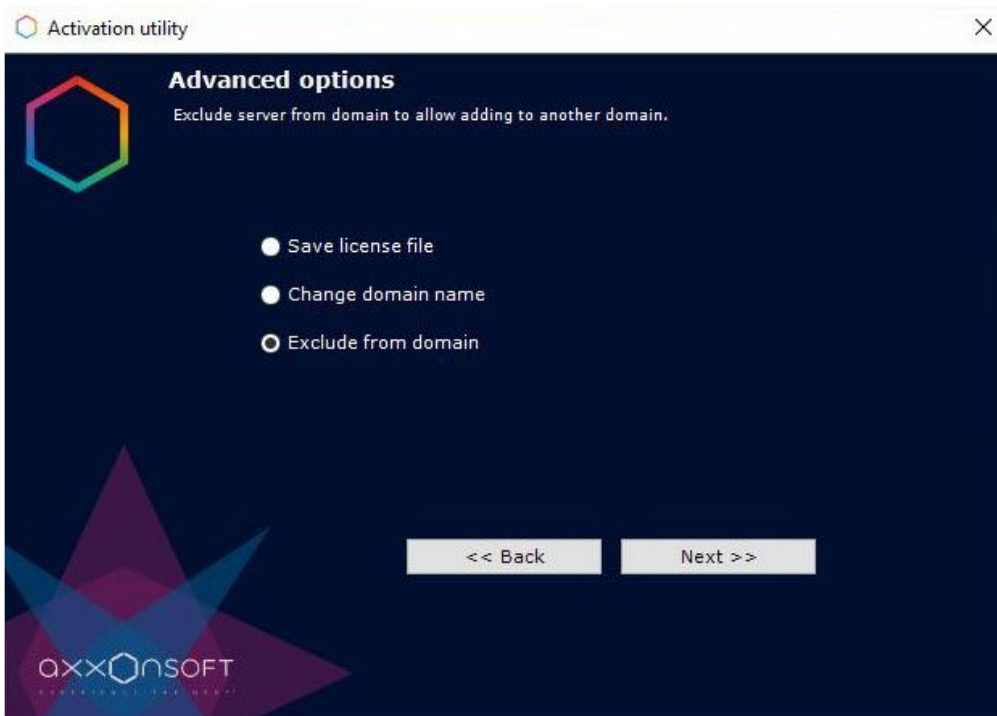
### 12.3 Excluding the Current Server from an domain

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

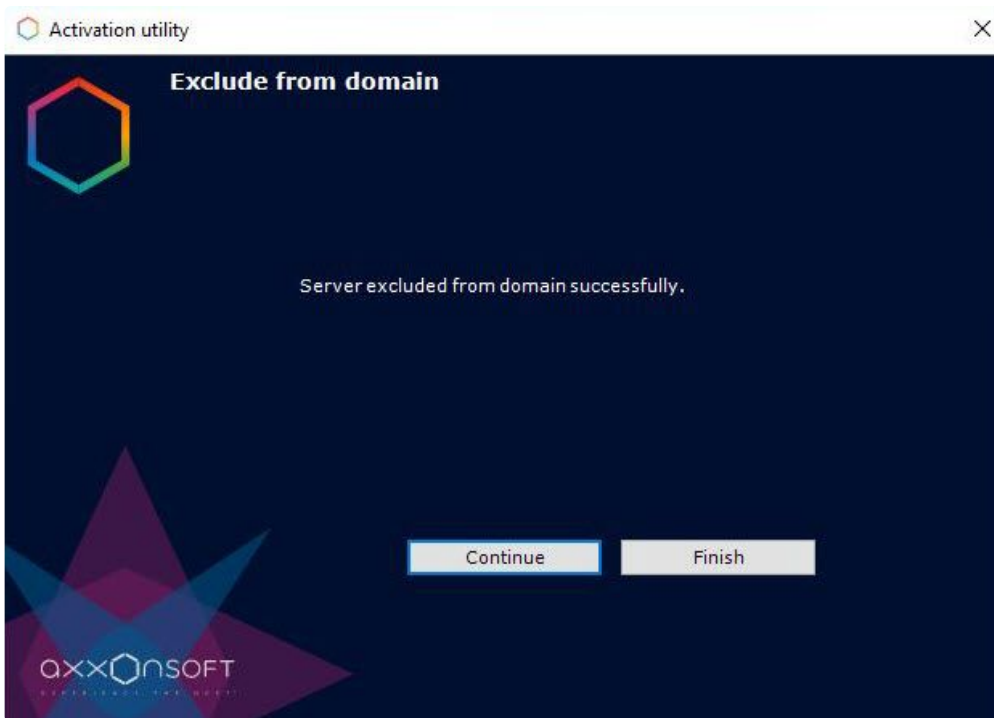
1. On the main page of the activation utility select **Advanced mode** and click **Next**.



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



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



The Server has been excluded from the domain.

**Note**

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

## 13 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 One*.

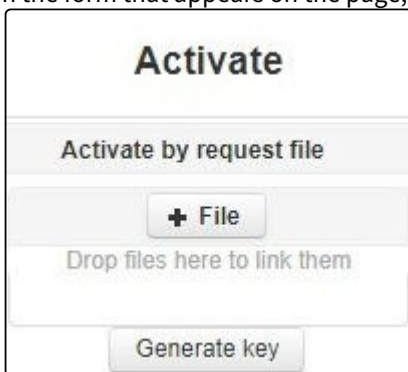
### 13.1 Generating the Axxon One Free license file

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

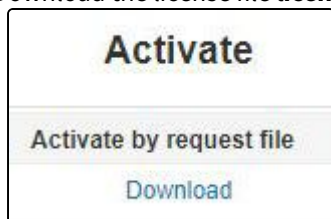
1. Go to the web server at the following address: <https://sale.axxonsoft.com/sale/>.



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 One* Free license file is complete.

### 13.2 Generating the Axxon One license file

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

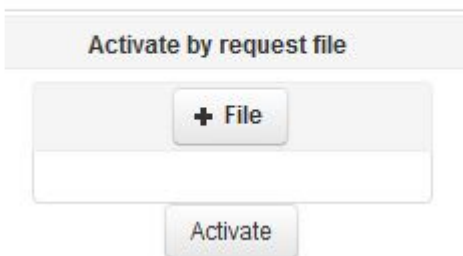
To generate a license file:

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



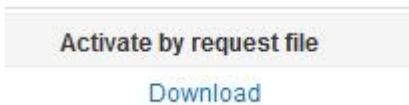
2. Click **Activate**.
3. Click the **+ File** button and select an activation request file.

## Key generate



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

## Key generate



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

## 14 Decoding the activated license

With the help of decoding, you can find out the type and the expiration date of the license, as well as what objects are allowed to be used in the system and in what quantity.

For this, do the following:

1. Go to <https://sale.axxonsoft.com/sale/>.
2. Log into the website: click **Login** and enter your username and password.

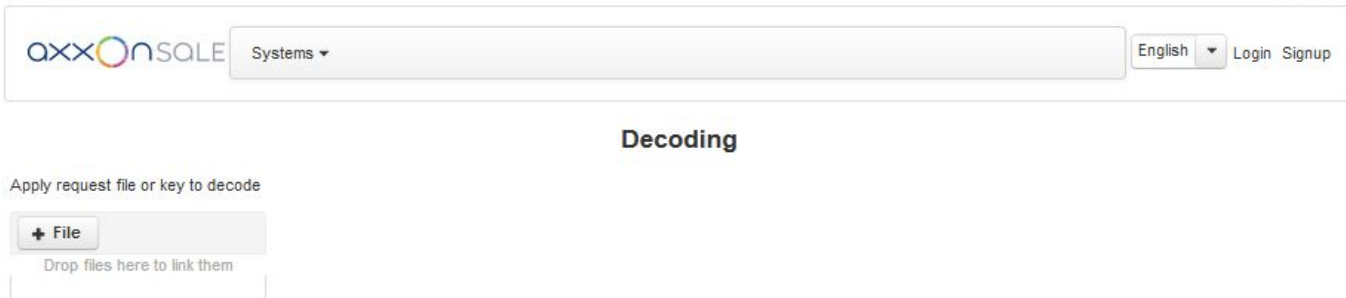


**Note**  
Decoding is available to the registered users only. Click **Signup** to register.

3. Select **Systems** → **Decoding**.



4. Upload the license file into the **File** form.



**Note**  
The executable file of the LicenseTool.exe activation utility is located in the <Axxon One installation directory>\AxxonSoft\AxxonSmart\bin\ folder.

Decoding of the activated license is complete.

The information about the license type and expiration date, and the system features will be displayed on the website.

### Decoding

**System type:** AxxonOne Enterprise  
**Duration license:** From 16.06.2022 00:00 To 16.06.2122 00:00  
**Generator:** ngp.axxonone  
**Serial number:** [REDACTED]  
**Source systems:** 1238884

Modules	
Name	Qty
Event Sources	0
Fire Detector	2
LPR detection	4
LPR detection (Any)	0
LPR detection RR for search in archive	2
LPR detection VT	2
Max size of archives	∞
Medical Mask Detector	2
NVR module	0
Neural networks based object filter	2
Neural networks based object tracker	2
Number of archives	∞
Offline Analytics for one video channel	0
People counting	2
Programming	1
Queue Length Estimation	2
Search in Archive	2
Situation Analysis Detection Tools (Situation Analysis)	∞
Smoke Detector	2
Tag&Track Pro	2
Video channel (Linux)	0
Video channels	2
Video channels (any)	2
VmdaChannelBindingLight	∞