



Activation guide

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1 Activation guide. Introduction

2 General information on licensing Axxon One

- [Types of licenses](#)(see page 10)
- [Licensing methods for Axxon One](#)(see page 19)

3 Activation utility

- [Activating the Axxon One Free license\(see page 23\)](#)
- [Activating the Axxon One paid license\(see page 28\)](#)
 - [Creating an activation request\(see page 29\)](#)
 - [Activation by applying license file\(see page 31\)](#)
 - [Activation by serial number\(see page 34\)](#)
- [Updating the license\(see page 37\)](#)
- [Deactivating the license\(see page 38\)](#)
- [Additional actions in the Activation utility\(see page 40\)](#)
 - [Saving the license file\(see page 40\)](#)
 - [Changing the domain name\(see page 43\)](#)
 - [Excluding the current server from the domain\(see page 46\)](#)

4 License transfer to another computer with configuration saved

5 Generating license files via the web interface of the licensing service

6 Activation guide. Introduction

On page:

- [General information](#)(see page 9)
- [Purpose of the document](#)(see page 9)

6.1 General information

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

6.2 Purpose of the document

- The [Activation guide](#)(see page 4) provides the information necessary for licensing *Axxon One*.
- For general guidance on the *Axxon One* licensing process, see [Activation guide. Introduction](#)(see page 9) and [General information on licensing Axxon One](#)(see page 10).
- For instructions on activating your *Axxon One* Free license, see [Activating the Axxon One Free license](#)(see page 23).
- For instructions on activating your paid *Axxon One* licenses, see [Activating the Axxon One paid license](#)(see page 28).
- For instructions on updating your *Axxon One* licenses, see [Updating the license](#)(see page 37).
- For a description of additional actions that you can perform in the Activation utility, see [Additional actions in the Activation utility](#)(see page 40).
- For instructions on generating license files, see [Generating license files via the web interface of the licensing service](#)(see page 50).

7 General information on licensing Axxon One

7.1 Types of licenses

- ✓ Activating the Axxon One Free license(see page 23)
Creating an activation request(see page 29)

On the page:

- System functionality depending on the license type(see page 10)
- Use of detectors depending on the type of license(see page 14)

7.1.1 System functionality depending on the license type

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**. After installation, the software is launched in *Axxon One* Demo mode. You must 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 in the system. Functional differences of the system depending on the license type used are shown in the table below.

Functionality	Type of license					
	 Axxon One Demo (8:00-18:00) ¹	 Axxon One Free	 Axxon One Start⁵	 Axxon One Professional	 Axxon One Enterprise	 Axxon One Unified
Maximum number of servers in a distributed system (taking into account the merging of domains in <i>Axxon Datacenter</i>)	Unlimited	1	1	30	30	Unlimited
Maximum number of servers in a domain ¹	30	1	1	30	30	30
Maximum number of cameras in a domain ²	Unlimited	4	64	Unlimited	Unlimited	Unlimited
Free Software Updates(see page 37)	No	No	Yes	Yes	Yes	Yes

¹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314535995/Configuring+domains>

² <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536048/Camera>

Support for SD cards (edge storage, playback only) ³	Yes	No	Yes	Yes	Yes	Yes
Macros (event response wizard) ⁴	Yes	No	Yes	Yes	Yes	Yes
AxxonData Reports ⁵	Yes	No	Yes	Yes	Yes	Yes
Time Compressor ⁶	No	No	No	Yes ⁵	Yes ⁵	Yes ⁵
Cross-System client ⁷	No	No	No	Yes	Yes	Yes
Search in archive						
Advanced archive search: • Search in archive⁸ • Face search⁹ • Search by LPs¹⁰ • Vehicle search¹¹ • Search by barcode¹² • Search by titles¹³ • Bookmarks search¹⁴ • Similitude search¹⁵	Yes	No ²	No ²	Optional	Yes	Yes
Face search ¹⁶	No	No ²	No ²	Optional	Yes	Yes
Tag&Track Pro ¹⁷ (feature that automatically tracks moving objects using a PTZ camera)	Yes	No	No	Optional	Yes	Yes
Heat map ¹⁸	Yes	No	No	Optional	Yes	Yes
Add-on modules						
Integration with Access Control System ¹⁹	Yes	No	No	Up to 50 readers	Up to 100 readers	Optional

3 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536204/Embedded+storage>

4 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537414/Programming>

5 <https://docs.axxonsoft.com/confluence/spaces/anet/pages/218240189/AxxonData>

6 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538668/Compressed+playback+of+archives+TimeCompressor>

7 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314535963/Cross-System+client>

8 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538781/Search+in+archive>

9 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538828/Face+search>

10 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538816/Search+by+LPs>

11 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538823/Vehicle+search>

12 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538864/Search+by+barcode>

13 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538814/Search+by+titles>

14 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/378503312/Bookmarks+search>

15 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538857/Similitude+search>

16 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538828/Face+search>

17 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538568/Tag+Track+Pro>

18 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538867/Heat+map>

19 <https://docs.axxonsoft.com/confluence/spaces/AxACFA10EN/pages/260924834/Documentation+ACFA+software%C2%A0package+13.0>

Integration with Fire and Security Alarms System ²⁰	Yes	No	No	Optional	Optional	Optional
Integration Perimeter Intrusion Detection System ²¹	Yes	No	No	Optional	Optional	Optional
Events from external systems (POS terminals, ACFA) ²²	Yes	No	Optional	Optional	Optional	Optional
Custom AI analytics	No	No	No	Optional	Optional	Optional
Multicamera Tracking. Tracking follows objects across multiple camera FOVs based on appearance similarity	Yes	No	No	Optional	Optional	Yes
Similitude search ²³	Yes	No	No	No	Optional	Yes ⁵
AxxonNet cloud service ²⁴	Yes	No	Yes	Yes	Yes	Yes
Datacenter Domain Unification/Private Cloud ²⁵	Yes	No	No	No	No	Yes
FaceCube external face recognition module ²⁶	No	No	No	Optional	Optional	Optional
Data replication ²⁷	No	No	No	No	Yes	Yes
FailOver ²⁸	No	No	No	No	Yes	Yes
Video walls management ²⁹	Yes	No	No	No	Yes	Yes
LDAP authentication supported ³⁰	Yes	No	No	No	Yes	Yes
Encrypting a volume of an archive ³¹	Yes	No	No	Optional	Optional	Optional
System features available for all licenses						

²⁰ <https://docs.axxonsoft.com/confluence/spaces/AxACFA10EN/pages/260924834/Documentation+ACFA+software%C2%A0package+13.0>

²¹ <https://docs.axxonsoft.com/confluence/spaces/AxACFA10EN/pages/260924834/Documentation+ACFA+software%C2%A0package+13.0>

²² <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536286/Receiving+events+from+external+systems>

²³ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538857/Similitude+search>

²⁴ <https://docs.axxonsoft.com/confluence/spaces/anet/pages/157697076/AxxonNet.com>

²⁵ <https://docs.axxonsoft.com/confluence/spaces/anet/pages/209191104/Axxon+Datacenter>

²⁶ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536826/FaceCube+external+face+recognition+system>

²⁷ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536411/Configuring+data+replication>

²⁸ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538149/Configuring+Failover+VMS>

²⁹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314539010/Managing+monitors+on+remote+Clients+within+the+Axxon-domain>

³⁰ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537661/LDAP+catalogs>

³¹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536414/Encrypting+a+volume+of+an+object+archive>

Hardware Control panels Security keyboards Joysticks I/O modules	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Server ONVIF Profiles G, S, T, RTSP, GB/T28181 ³² H.265 support ³³ Embedded camera analytics (metadata from IP devices) ³⁴ Configuration backup and restore ³⁵ Mass configuration of cameras ³⁶ Multicasting ³⁷ Hotkeys ³⁸	Yes	Yes	Yes	Yes	Yes	Yes
Working with archive Local and network archives ³⁹ Events search ⁴⁰ Time slice search (search by time intervals) ⁴¹ Export ⁴² Bookmarks ⁴³	Yes	Yes	Yes	Yes	Yes	Yes

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<https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536094/>

Connecting+and+configuring+cameras+over+standard+protocols

33 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314535864/Characteristics+of+Axxon+One>34 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537371/General+information+about+embedded+detectors>35 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314539417/Backup+and+restore+utility>36 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536084/Bulk+application+of+settings>37 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538093/Automatic+connection>38 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538124/Hot+keys>39 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536347/Creating+archives>40 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538772/Events+search>41 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538775/Thumbnail+search>42 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/357662840/Export>43 <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/345736806/Bookmarks>

Live Monitoring Service audio and video analytics ⁴⁴ Embedded detectors ⁴⁵ (except for Axis on-board tracker ⁴⁶) Interactive 3D map ⁴⁷ GreenStream adaptive bandwidth management ⁴⁸ Tag&Track Lite ⁴⁹ (feature that automatically detects the next camera in the field of view of which the selected object is most likely to appear) OnScreen PTZ mode ⁵⁰ Support for fisheye cameras and ImmerVision lenses ⁵¹ Export ⁵² Information boards ⁵³	Yes	Yes	Yes	Yes	Yes	Yes
Remote clients Web client ⁵⁴ iOS app (including Apple TV) ⁵⁵ Android app ⁵⁶	Yes	Yes	Yes	Yes	Yes	Yes

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.

¹—the system operates in demo mode from 8:00 AM to 6:00 PM within 30 days after installation of *Axxon One*.

²—all scene analytics detectors based on motion detector are available in *Axxon One Free* and *Axxon One Start* licenses, except for the **Abandoned object** detector (see [Motion detector](#)⁵⁷).

³—with the license, you can use privacy masks based on data from the corresponding detectors.

⁴—the module has to be purchased separately.

⁵—country restriction. Please contact an AxxonSoft manager to find out if this functionality is supported in your country.

7.1.2 Use of detectors depending on the type of license

The type of license used also affects the ability to use different detectors and additional functions, which are presented in the table.

⁴⁴ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537303/Category+Service>

⁴⁵ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537371/General+information+about+embedded+detectors>

⁴⁶ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537408/AxxonSoft+Tracker+in+Axis+devices>

⁴⁷ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314539027/Working+with+the+interactive+map>

⁴⁸ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538505/Selecting+video+stream+quality+in+a+surveillance>window+GreenStream>

⁴⁹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538570/Tag+Track+Lite>

⁵⁰ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538559/Controlling+a+PTZ+camera+in+the+OnScreen+PTZ+mode>

⁵¹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538903/Working+with+fisheye+cameras>

⁵² <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/357662840/Export>

⁵³ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314538936/Working+with+information+boards>

⁵⁴ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314539185/Working+with+Axxon+One+through+the+Web+client>

⁵⁵ <https://docs.axxonsoft.com/confluence/display/mobile/AxxonNet+iOS+Mobile+Client+User+Guide>

⁵⁶ <https://docs.axxonsoft.com/confluence/display/mobile/AxxonNet+mobile+client+on+Android+OS.+User+Guide>

⁵⁷ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536695/Motion+detector>

Detector	Type of license					
	 Axxon One Demo (8:00-18:00) ¹	 Axxon One Free	 Axxon One Start⁵	 Axxon One Professional	 Axxon One Enterprise	 Axxon One Unified
Standard sub-detectors						
Standard sub-detectors ⁵⁸	Yes	No ²	No ²	Yes	Yes	Yes
Category: Trackers						
Motion detector ⁵⁹	Yes	Yes	Yes	Yes	Yes	Yes
Neural tracker ⁶⁰	Yes	No	No	Optional	Yes	Yes
Recognition of beta attributes in Neural tracker ⁶¹	No	No	No	Optional	Optional	Optional
Privacy masking ⁶²	Yes	Yes	Yes	Yes	Yes	Yes
Abandoned object ⁶³	No	No	No	Yes	Yes	Yes
Human tracker VL ⁶⁴	No	No	No	Optional	Optional	Optional
Stopped object detector ⁶⁵	Yes	Optional	Optional	Optional	Optional	Optional
Abandoned object detector VI ⁶⁶	No	No	No	Optional	Optional	Optional
Abandoned object detector VI (Street) ⁶⁷	No	No	No	Optional	Optional	Optional
Line crossing VI ⁶⁸	No	No	No	Optional	Optional	Optional
Movement in prohibited direction VI ⁶⁹	No	No	No	Optional	Optional	Optional

⁵⁸ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536528/Standard+sub-detectors>

⁵⁹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536695/Motion+detector>

⁶⁰ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536626/Neural+tracker>

⁶¹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536630/Configuring+the+Neural+tracker>

⁶² <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536706/Privacy+masking>

⁶³ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536647/Abandoned+object>

⁶⁴ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536653/Human+tracker+VL>

⁶⁵ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536685/Stopped+object+detector>

⁶⁶ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536596/Abandoned+object+detector+VI>

⁶⁷ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536611/Abandoned+object+detector+VI+Street>

⁶⁸ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536752/Line+crossing+VI>

⁶⁹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536732/Movement+in+prohibited+direction+VI>

Motion in area detector VI ⁷⁰	No	No	No	Optional	Optional	Optional
Category: Service						
Audio loss detector ⁷¹	Yes	Yes	Yes	Yes	Yes	Yes
Noise detector ⁷²	Yes	Yes	Yes	Yes	Yes	Yes
Signal detector ⁷³	Yes	Yes	Yes	Yes	Yes	Yes
Video clarity detector ⁷⁴	Yes	Yes	Yes	Yes	Yes	Yes
Detector of atypical changes in the scene VI ⁷⁵	No	No	No	Optional	Optional	Optional
Category: Face						
Face detector VL ⁷⁶ Mask detector VL ⁷⁷	No	No	No	Optional	Optional	Optional
Face detector VA ⁷⁸ Mask detector VA ⁷⁹	No	No	No	Optional	Optional	Optional
Face detector TV ⁸⁰ Mask detector TV ⁸¹	No	No	No	Optional	Optional	Optional
Category: Vehicle						
License plate recognition BRS ⁸²	No	No	No	Optional	Optional	Optional
License plate recognition IV ⁸³	No	No	No	Optional	Optional	Optional
License plate recognition RR ⁸⁴	No	No	No	Optional	Optional	Optional
License plate recognition RR—Search in archive ⁸⁵	Yes	No	No	Optional	Optional	Optional

⁷⁰ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536716/Motion+in+area+detector+VI>

⁷¹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537304/Audio+loss+detector>

⁷² <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537309/Noise+detector>

⁷³ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537314/Signal+detector>

⁷⁴ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537319/Video+clarity+detector>

⁷⁵ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537326/Detector+of+atypical+changes+in+the+scene+VI>

⁷⁶ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536773/Face+detector+VL>

⁷⁷ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536803/Mask+detector+VL>

⁷⁸ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536806/Face+detector+VA>

⁷⁹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536822/Mask+detector+VA>

⁸⁰ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536828/Face+detector+TV>

⁸¹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536843/Mask+detector+TV>

⁸² <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536847/License+plate+recognition+BRS>

⁸³ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536861/License+plate+recognition+IV>

⁸⁴ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/340754481/License+plate+recognition+RR>

⁸⁵ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/340754510/License+plate+recognition+RR%E2%80%94Search+in+archive>

License plate recognition RR—Parking ⁸⁶	No	No	No	Optional	Optional	Optional
Vehicle recognition RR ⁸⁷	No	No	No	Optional	Optional	Optional
License plate recognition VT ⁸⁸	Yes	No	No	Optional	Optional	Optional
Category: Poses						
Person-based privacy masking ⁸⁹	Yes	Yes	Yes	Yes	Yes	Yes
Human pose detector ⁹⁰ includes: - Sitting person detector - Person down detector - Hands up detector - Shooter detector - Handrail holding detector - People counter - Close-standing people detector	Yes	No	No	Optional	Optional	Optional
Category: Production safety						
Audio classification IV ⁹¹	No	No	No	Optional	Optional	Optional
Fire detector ⁹²	Yes	No	No	Optional	Yes	Yes
Glow detector ⁹³	Yes	No	No	Optional	Optional	Optional
Equipment detector ⁹⁴ and Equipment detector VL ⁹⁵ include: - Helmets - Hi-viz vests - Protective clothing	Yes	No	No	Optional	Optional	Optional
Neural classifier ⁹⁶	Yes	No	No	Optional	Optional	Optional
Smoke detector ⁹⁷	Yes	No	No	Optional	Yes	Yes
Water level detector ⁹⁸	Yes	No	No	Optional	Optional	Optional

⁸⁶ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/340754535/License+plate+recognition+RR%E2%80%94Parking>

⁸⁷ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/340754563/Vehicle+recognition+RR>

⁸⁸ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536957/License+plate+recognition+VT>

⁸⁹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537104/Person-based+privacy+masking>

⁹⁰ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537036/Human+pose+detector>

⁹¹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537112/Audio+classification+IV>

⁹² <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537130/Fire+detector>

⁹³ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537189/Glow+detector>

⁹⁴ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537142/Equipment+detector>

⁹⁵ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537199/Equipment+detector+VL>

⁹⁶ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537118/Neural+classifier>

⁹⁷ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537161/Smoke+detector>

⁹⁸ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537173/Water+level+detector>

Category: Retail						
Crowd estimation VA ⁹⁹	No	No	No	Optional	Optional	Optional
Barcode detector ¹⁰⁰	Yes	No	No	Optional	Yes	Yes
Meta-detector ¹⁰¹	No	No	No	Optional	Optional	Optional
Neural counter ¹⁰²	Yes	No	No	Optional	Optional	Optional
Queue detector ¹⁰³	Yes	No	No	Optional	Yes	Yes
Visitors counter ¹⁰⁴	Yes	No	No	Optional	Yes	Yes
Category: Other						
Fight detector VL ¹⁰⁵	No	No	No	Optional	Optional	Optional
Additional features						
Checking in lists of faces ¹⁰⁶	No	No	No	Optional	Optional	Optional
Checking in lists of LPs ¹⁰⁷⁴	No	No	No	Optional	Optional	Optional
Recognizing the type and characteristics of a vehicle ¹⁰⁸⁴	No	No	Yes	Yes	Yes	Yes
Searching in the archive of several cameras by faces and vehicle license plates(see page 10)	Yes	No	No	Optional	Yes	Yes

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.

¹—the system operates in demo mode from 8:00 AM to 6:00 PM within 30 days after installation of *Axxon One*.

²—all scene analytics detectors based on motion detection are available in *Axxon One Free* and *Axxon One Start* licenses, except for the **Abandoned object** detector (see [Motion detector](#)¹⁰⁹).

³—with the license, you can use privacy masks based on data from the corresponding detectors.

⁴—it is necessary to activate the license for the following detectors:

- Vehicle recognition IV;

⁹⁹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537241/Crowd+estimation+VA>

¹⁰⁰ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537232/Barcode+detector>

¹⁰¹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537255/Meta-detector>

¹⁰² <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537265/Neural+counter>

¹⁰³ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537278/Queue+detector>

¹⁰⁴ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537290/Visitors+%D1%81ounter>

¹⁰⁵ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537342/Fight+detector+VL>

¹⁰⁶ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536825/Checking+in+lists+of+faces>

¹⁰⁷ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537034/Checking+in+lists+of+LPs>

¹⁰⁸ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/340754582/Configuring+Vehicle+recognition+RR>

¹⁰⁹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536695/Motion+detector>

- License plate recognition VT (see [Licensing of the software module for the License plate recognition VT in Windows OS¹¹⁰](#));
- License plate recognition IV (see [Configuring the License plate recognition IV¹¹¹](#));
- License plate recognition XR (see [Licensing of the software module for the License plate recognition XR in Windows OS¹¹²](#)).

⁵—country restriction. Please contact an AxxonSoft manager to find out if this functionality is supported in your country.

7.2 Licensing methods for Axxon One

There are several licensing methods for *Axxon One*:

Licensing method	Description
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 of the server, your license will be invalid. For example, this is the case when you change both the CPU and the motherboard at the same time. However, changing a graphics card or upgrading RAM will not affect the license. This is why, when working with <i>Axxon One</i>, consider the following: - The activation request must be sent from the computer that will host the <i>Axxon One</i> 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
License file and Guardant dongle	This method allows replacing the server hardware and transferring the license to another computer (see License transfer to another computer with configuration saved(see page 49)). To activate <i>Axxon One</i> via this method, contact AxxonSoft to receive a license file and <i>Guardant</i> dongle. If you already have a <i>Guardant</i> dongle, you can perform activation yourself. To do this, connect the <i>Guardant</i> dongle to the computer that you wish to activate and perform the standard activation steps  Attention! You can only use a <i>Guardant</i> Sign dongle in Linux OS.
License server¹¹³	The <i>License server</i> allows you to account for available and used licenses (see General information about the License Server¹¹⁴). You can use a public (see Public License Server¹¹⁵) or a private <i>License server</i> (see Private License Server¹¹⁶)

Attention!

Software that creates virtual devices (such as VirtualBox, VmWare, and others) can cause the loss of the license. If you encounter this problem, we recommend removing all virtual devices from the computer's hardware tree or obtaining a new license file.

¹¹⁰ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536979/>

Licensing+of+the+software+module+for+the+License+plate+recognition+VT+in+Windows+OS

¹¹¹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314536888/Configuring+the+License+plate+recognition+IV>

¹¹² <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314537014/>

Licensing+of+the+software+module+for+the+License+plate+recognition+XR+in+Windows+OS

¹¹³ <https://docs.axxonsoft.com/confluence/spaces/LS/pages/260924375/License+server>

¹¹⁴ <https://docs.axxonsoft.com/confluence/spaces/LS/pages/260924378/General+information+about+the+License+server>

¹¹⁵ <https://docs.axxonsoft.com/confluence/spaces/LS/pages/260924382/Public+License+Server>

¹¹⁶ <https://docs.axxonsoft.com/confluence/spaces/LS/pages/260924388/Private+License+Server>

8 Activation utility

On the page:

- [General information](#)(see page 20)
- [Starting the utility](#)(see page 20)
- [Shutting down the utility](#)(see page 23)

8.1 General information

You can use the **Activation utility** to:

- activate the *Axxon One Free* license (see [Activating the Axxon One Free license](#)(see page 23));
- create a request to activate a paid license (see [Creating an activation request](#)(see page 29));
- activate a license by applying a license file (see [Activation by applying license file](#)(see page 31));
- activate a license by applying a serial number (see [Activation by serial number](#)(see page 34));
- activate a Guardant dongle (see [Activation using Guardant dongle](#)¹¹⁷);
- update a license (see [Updating the license](#)(see page 37));
- deactivate a license (see [Deactivating the license](#)(see page 38));
- save a license file (see [Saving the license file](#)(see page 40));
- change the domain name (see [Changing the domain name](#)(see page 43));
- exclude the server from the domain (see [Excluding the current server from the domain](#)(see page 46)).

8.2 Starting the utility

You can start the **Activation utility** from the Windows **Start** menu: **Start** → **Programs** → **Axxon One** → **Utilities** → **Activation utility** or from the notification area (see [Tray Tool utility](#)¹¹⁸).

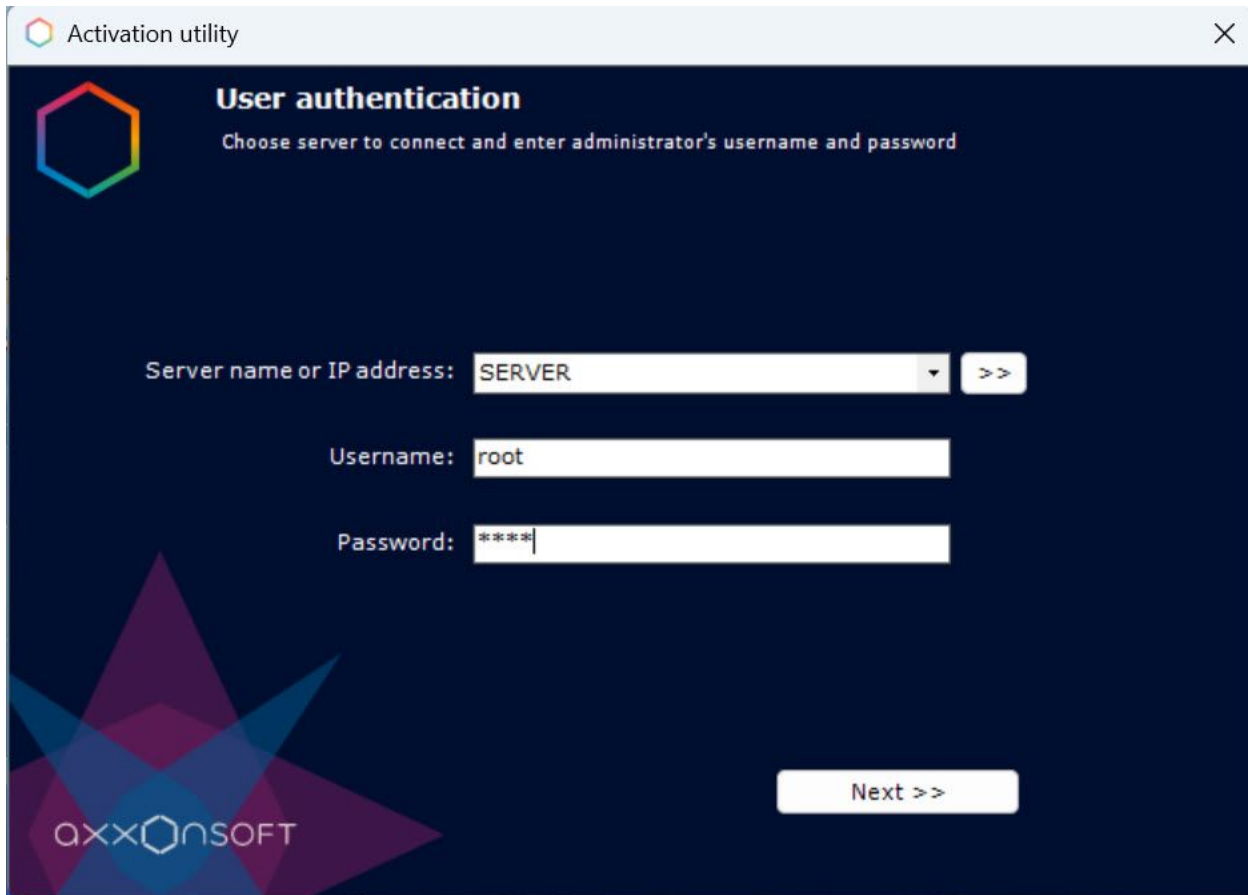
Note

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

The dialog window of the **Activation utility** opens.

¹¹⁷ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314539708/Activation+using+Guardant+dongle>

¹¹⁸ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314539404/Tray+Tool+utility>



Activation utility

User authentication

Choose server to connect and enter administrator's username and password

Server name or IP address: SERVER >>

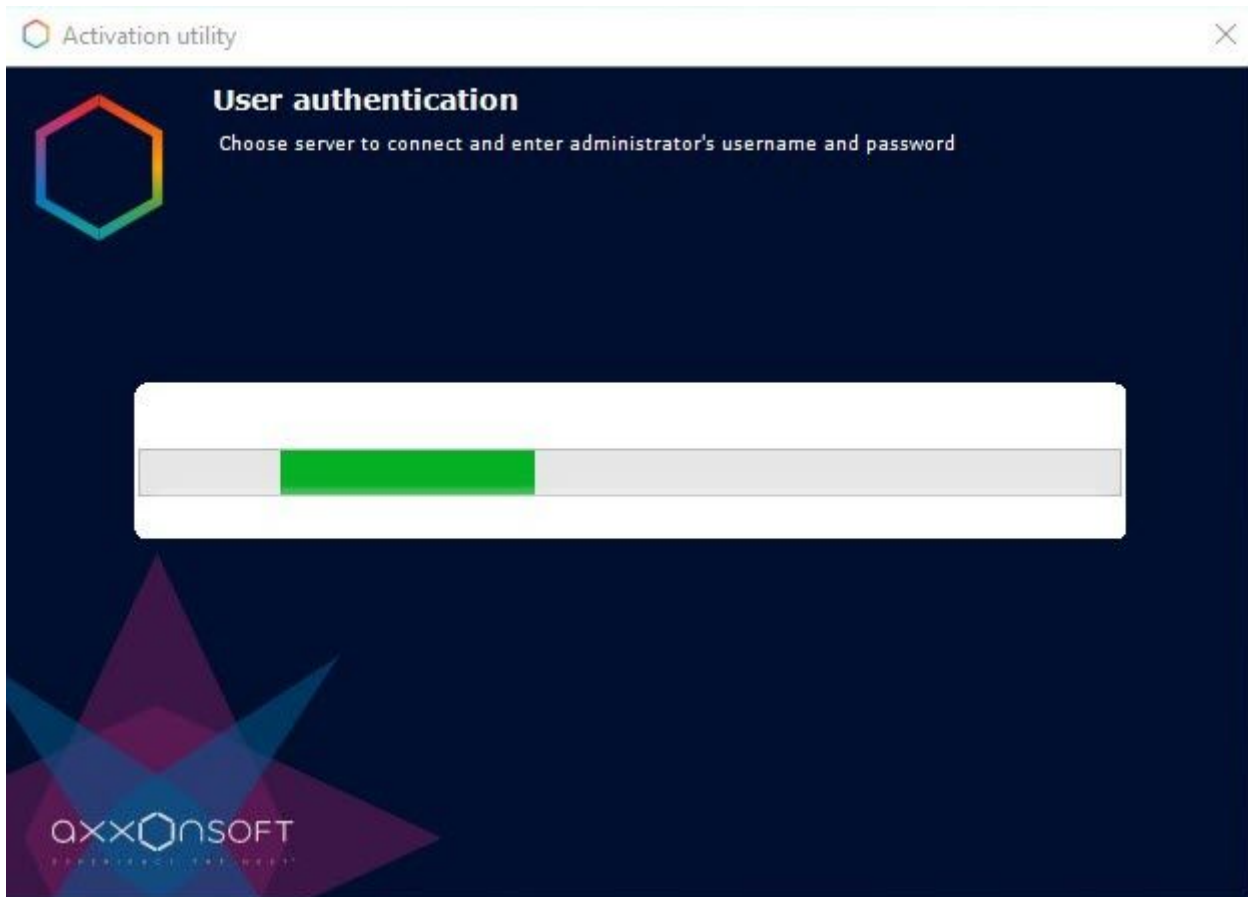
Username: root

Password: ****

Next >>

aXXOnSOFT

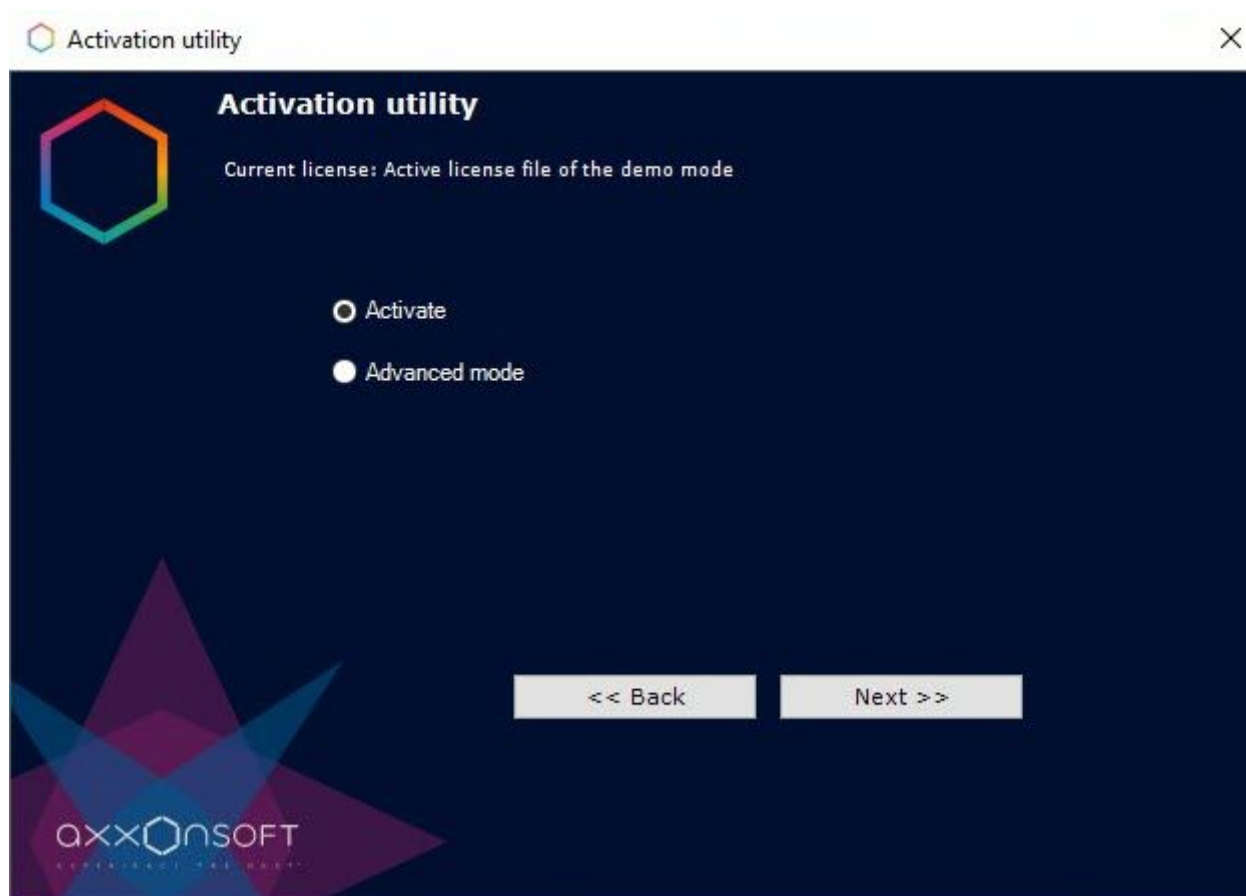
1. In the **Server name or IP address** field, select one of the domain servers from the drop-down list.
2. In the **Username** field, enter the name of the server user.
3. In the **Password** field, enter the password of the server user.
4. Click the **Next >>** button. The user authentication process starts. The download page is displayed.



After the download is complete, the main window of the Activation utility opens.

Note

To activate *Axxon One*, you must connect to the server in the domain. Otherwise, an error message appears.



The startup of the **Activation utility** is complete.

8.3 Shutting down the utility

To shut down the utility, click the  button.

8.4 Activating the Axxon One Free license

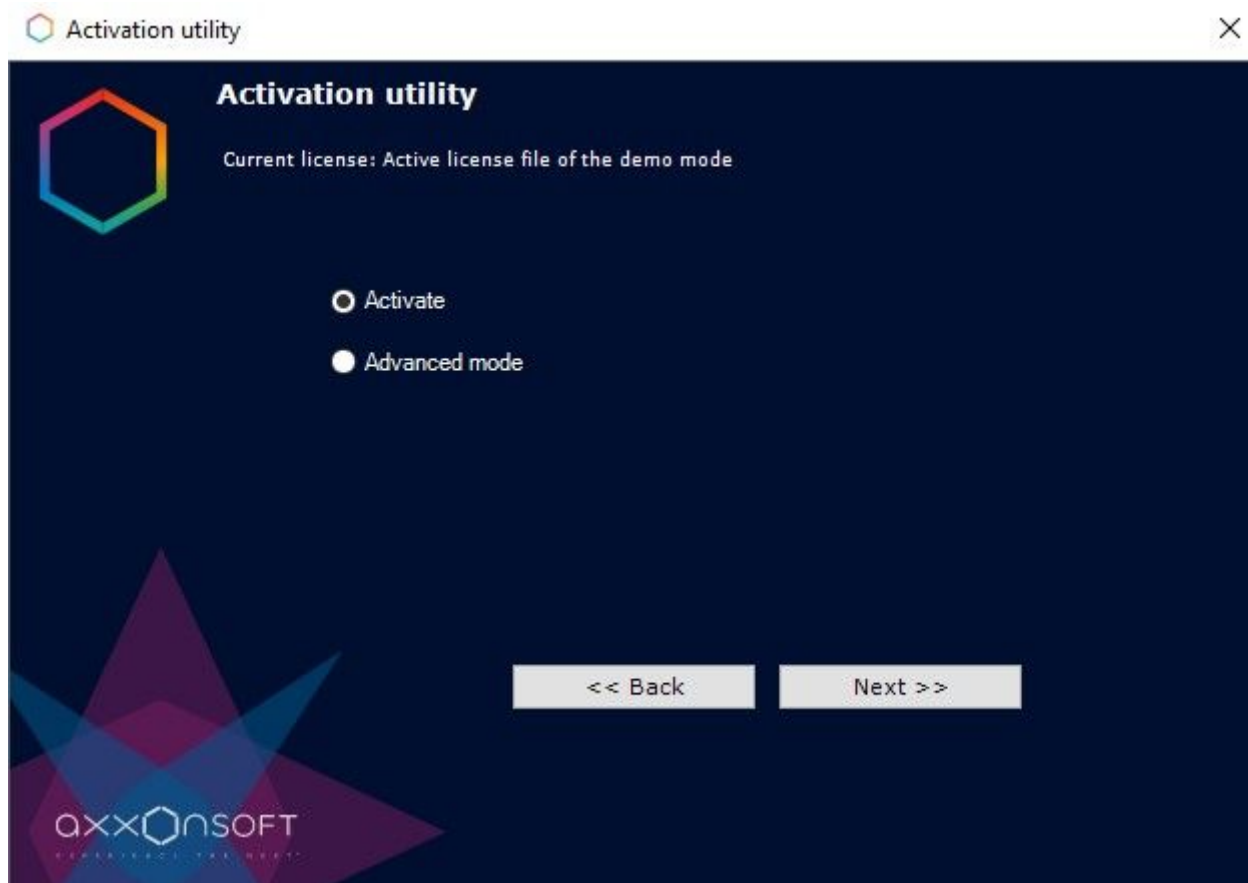
To activate the *Axxon One Free* license, do the following:

Attention!

The number of cameras created in the system must not exceed four at the time of activation.

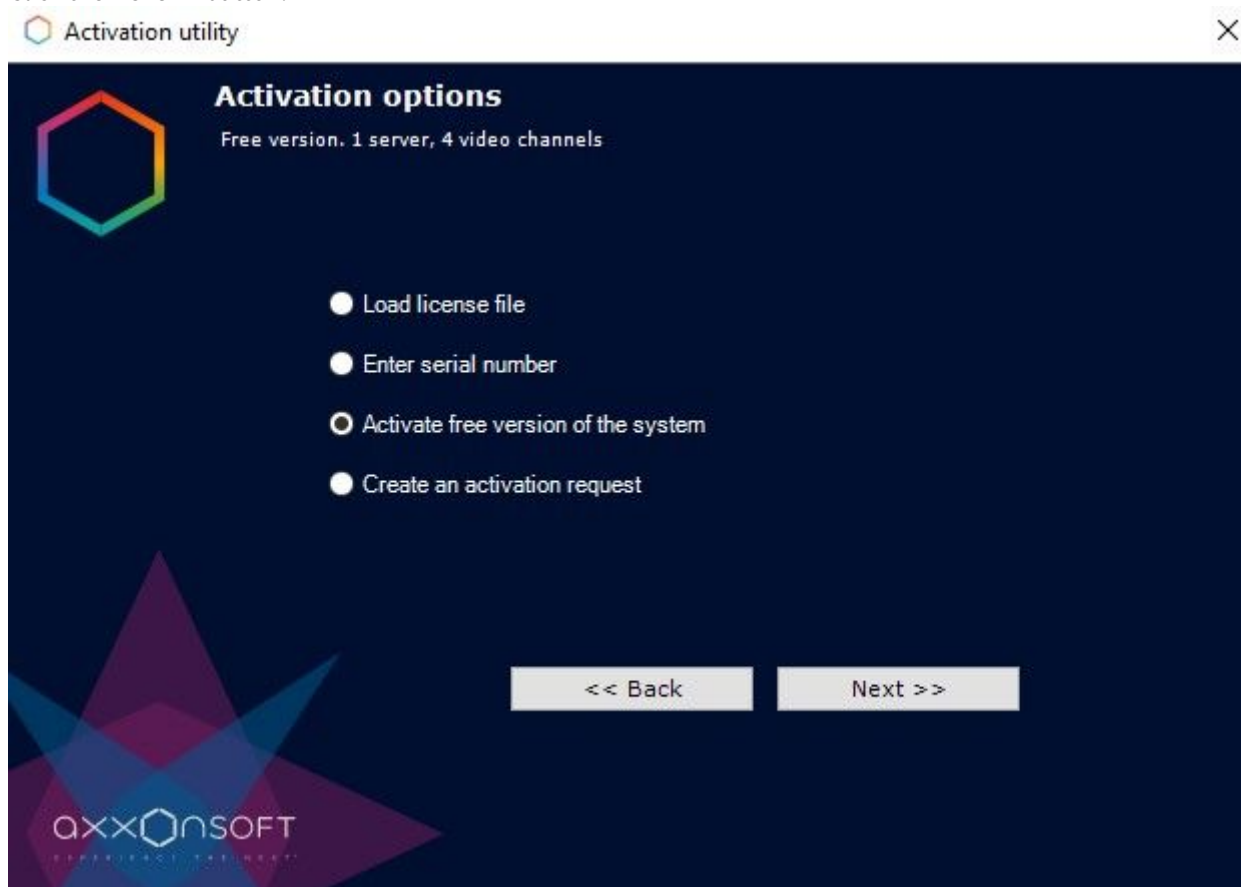
1. Start the **Activation utility** (see [Activation utility](#)(see page 20)).
2. Select **Activate** on the main page of the utility.

3. Click the **Next >>** button.

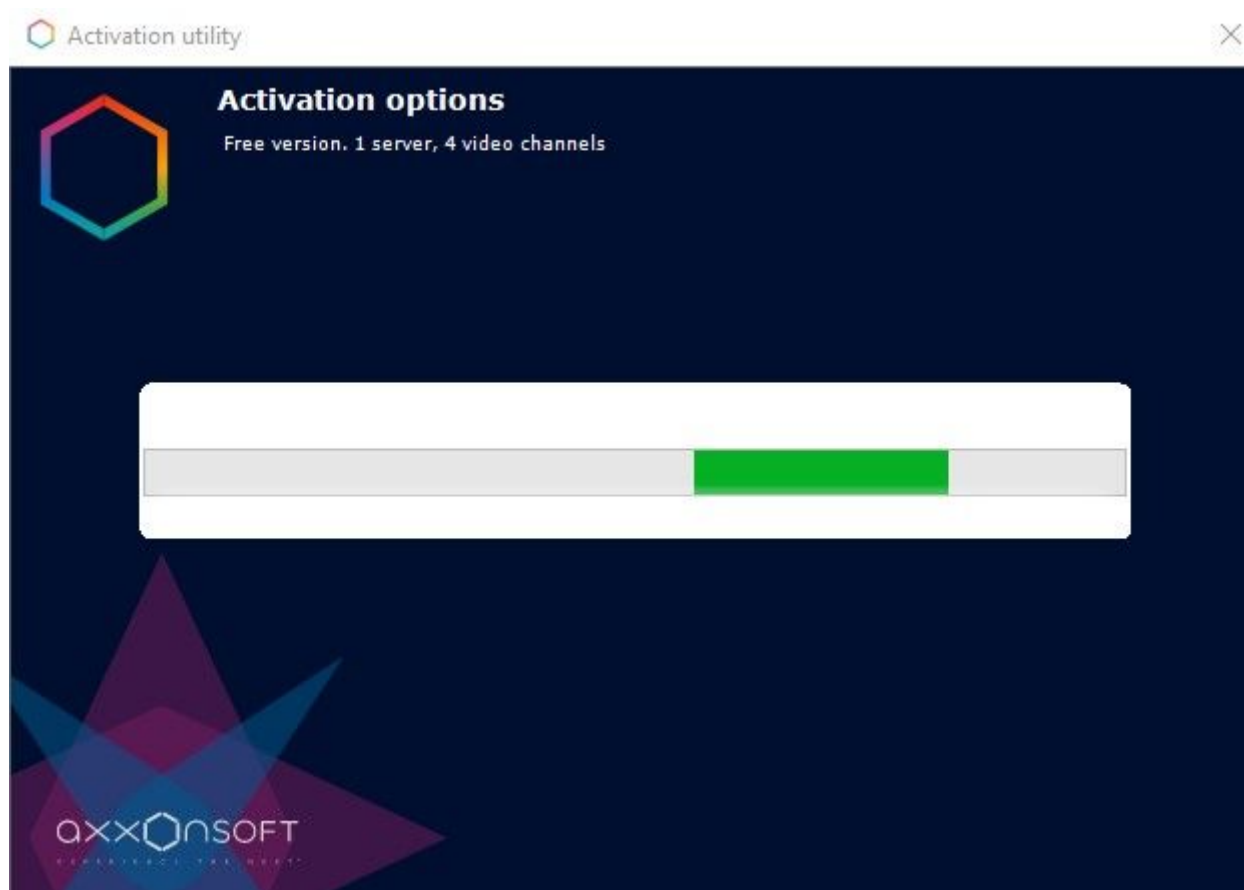


4. Select **Activate free version of the system.**

5. Click the **Next >>** button.

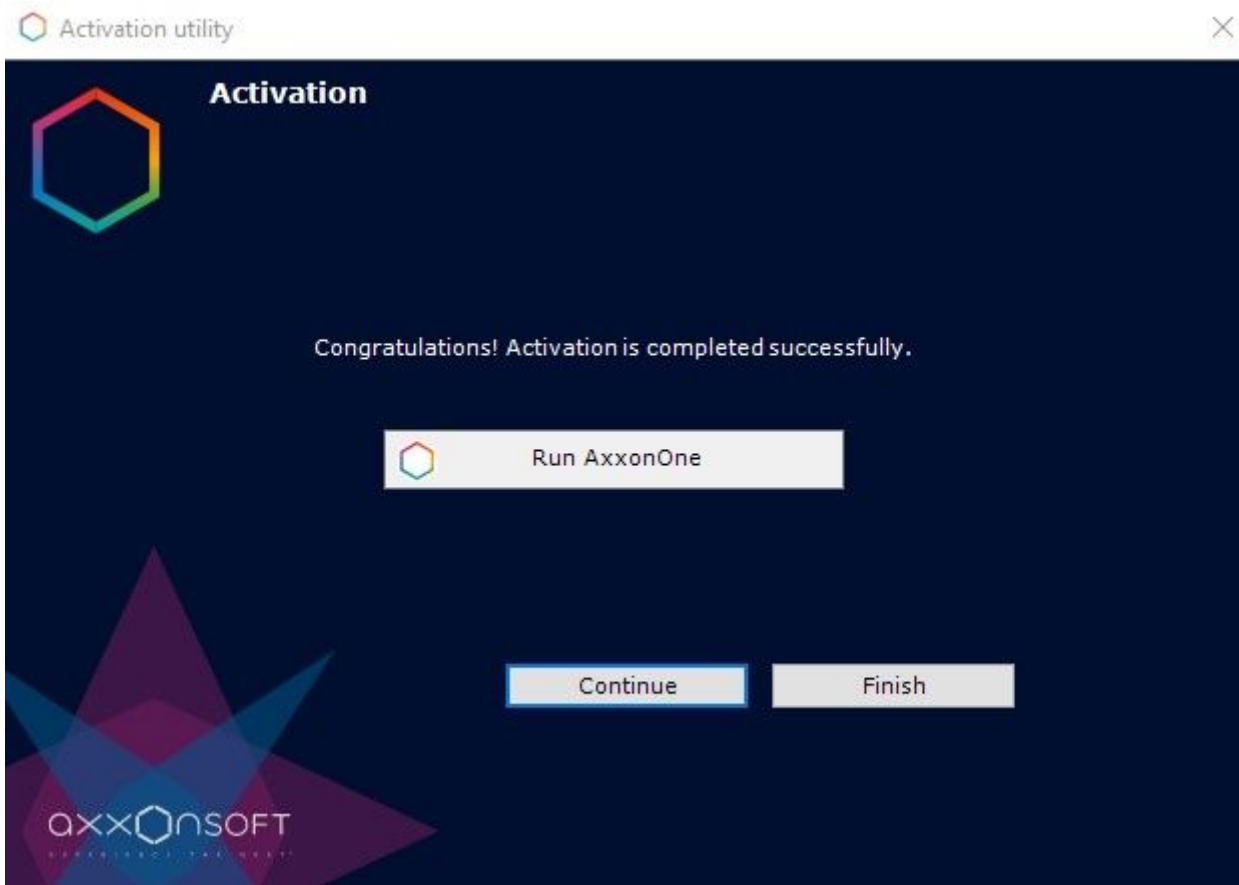


Your activation request will be sent online.



If activation is completed successfully on the *licensing service* (<https://sale.axxonsoft.com/>¹¹⁹), the license file is automatically downloaded and applied in the system.

¹¹⁹ <https://sale.axxonsoft.com/sale/>

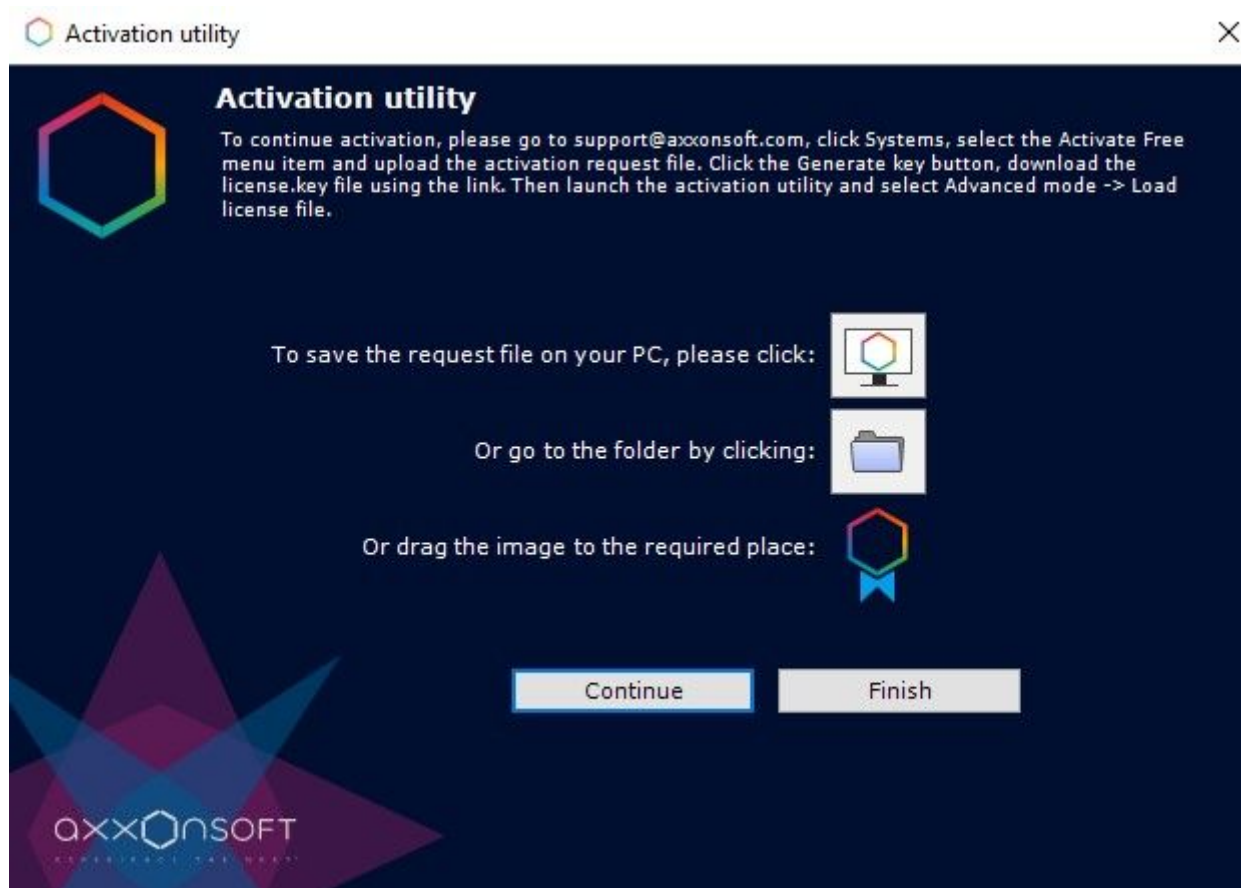


You have completed your *Axxon One* Free license activation.

Note

Click the **Continue** button to return to the home page of the **Activation utility**. To exit, click the **Finish** button.

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 and in the standard Windows dialog window, specify the storage location and the name of the request file.
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 representative. You can also generate a license file on the *licensing service* (see [Generating license files via the web interface of the licensing service](#)(see page 50)) and then download the license file to the system (see [Activation by applying license file](#)(see page 31)).

Attention!

For the correct operation of *Axxon One*, you must restart the server after activation.

8.5 Activating the Axxon One paid license

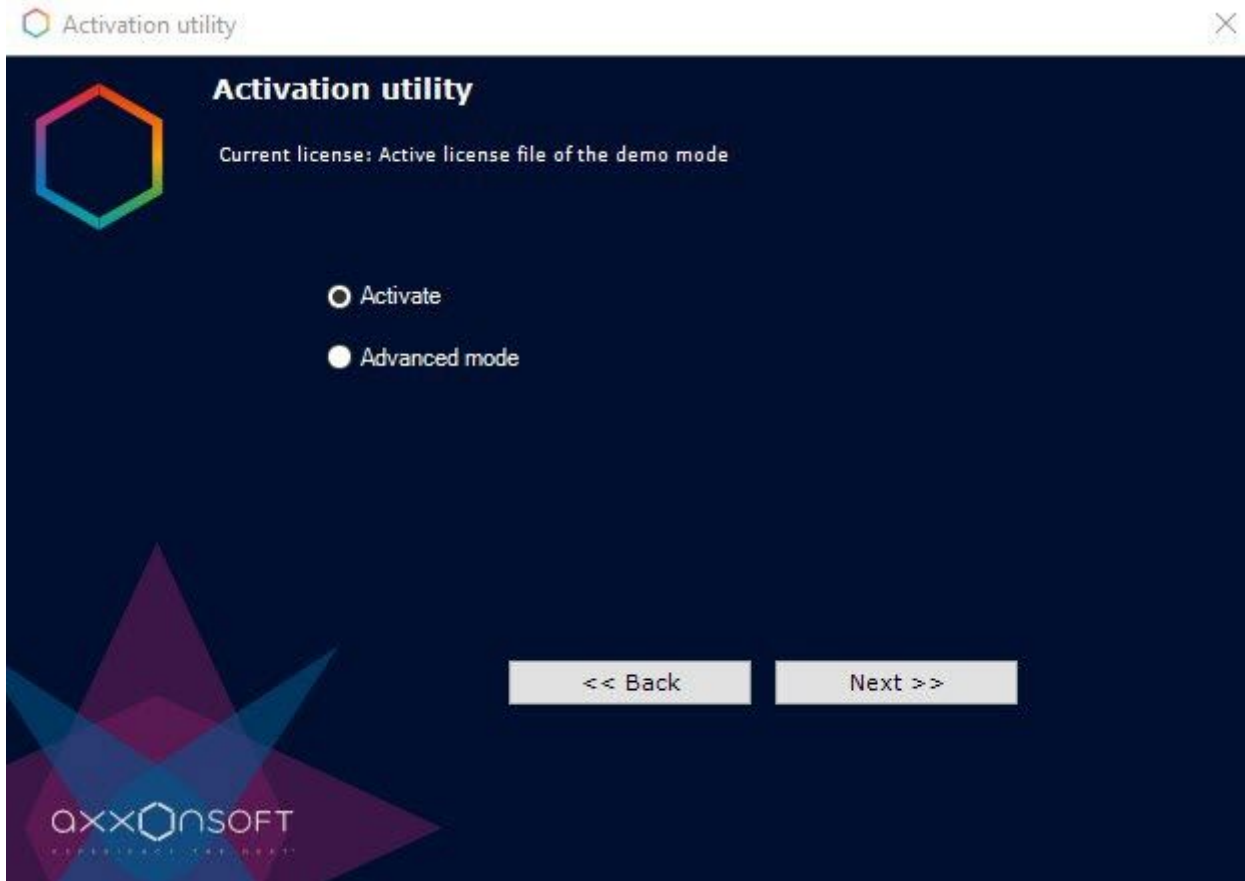
To activate the *Axxon One* paid license, do the following:

1. Create an activation request file and submit it to an AxxonSoft manager (see [Creating an activation request](#)(see page 29)).
2. Make payment and receive the license file or serial number.
3. Activate the license (see [Activation by applying license file](#)(see page 31), [Activation by serial number](#)(see page 34)).

8.5.1 Creating an activation request

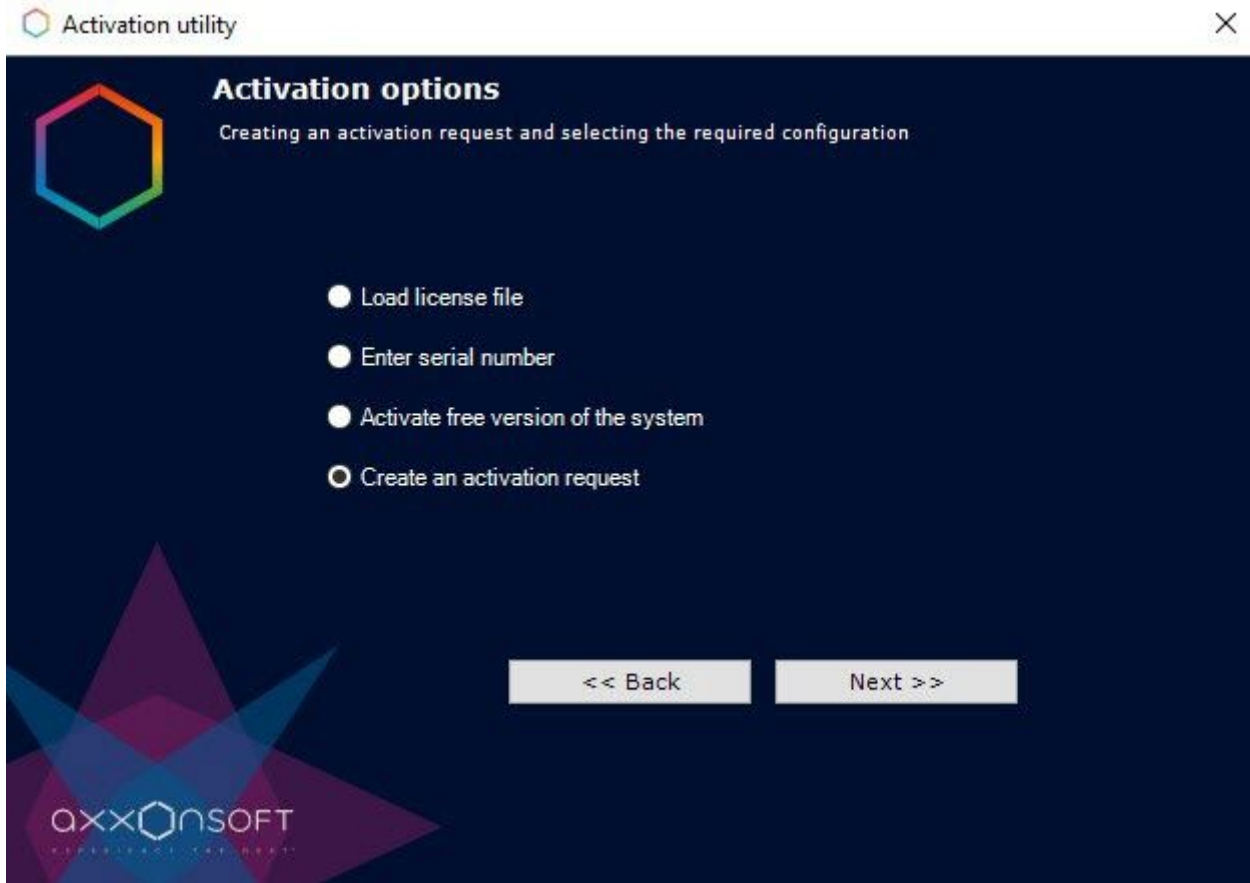
To create an activation request, do the following:

1. In the demo mode, add the required servers to your Axxon-domain if you want to create a distributed security system.
2. Start the **Activation utility** (see [Activation utility](#)(see page 20)).
3. On the main page of the utility, select **Activate**.
4. Click the **Next >>** button.



5. Select **Create an activation request**.

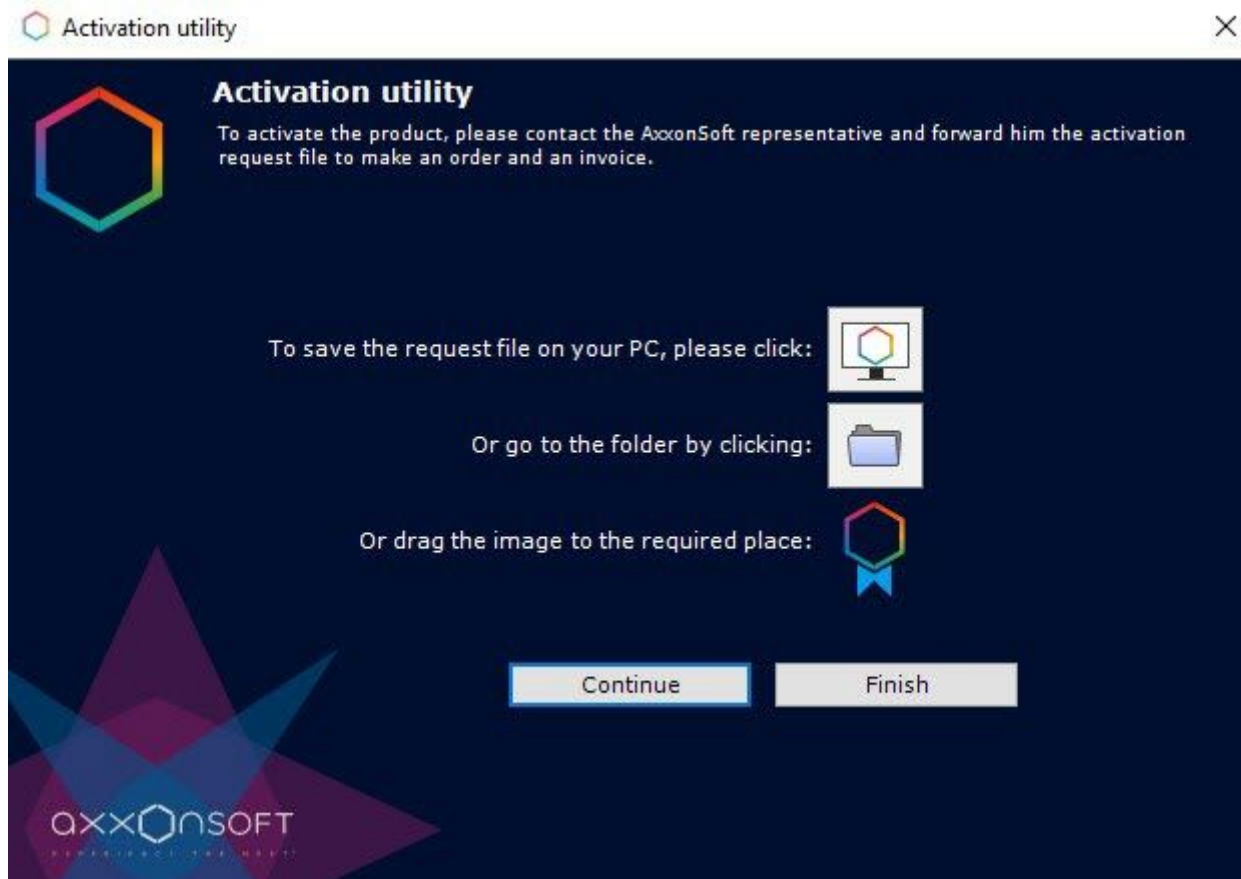
6. Click the **Next >>** button.



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.

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



- Click the  button and in the standard Windows dialog window, specify the storage location and the name of the request file.
- Click the  button. The folder that contains the request file opens.
- Drag and drop the  image to the destination folder.

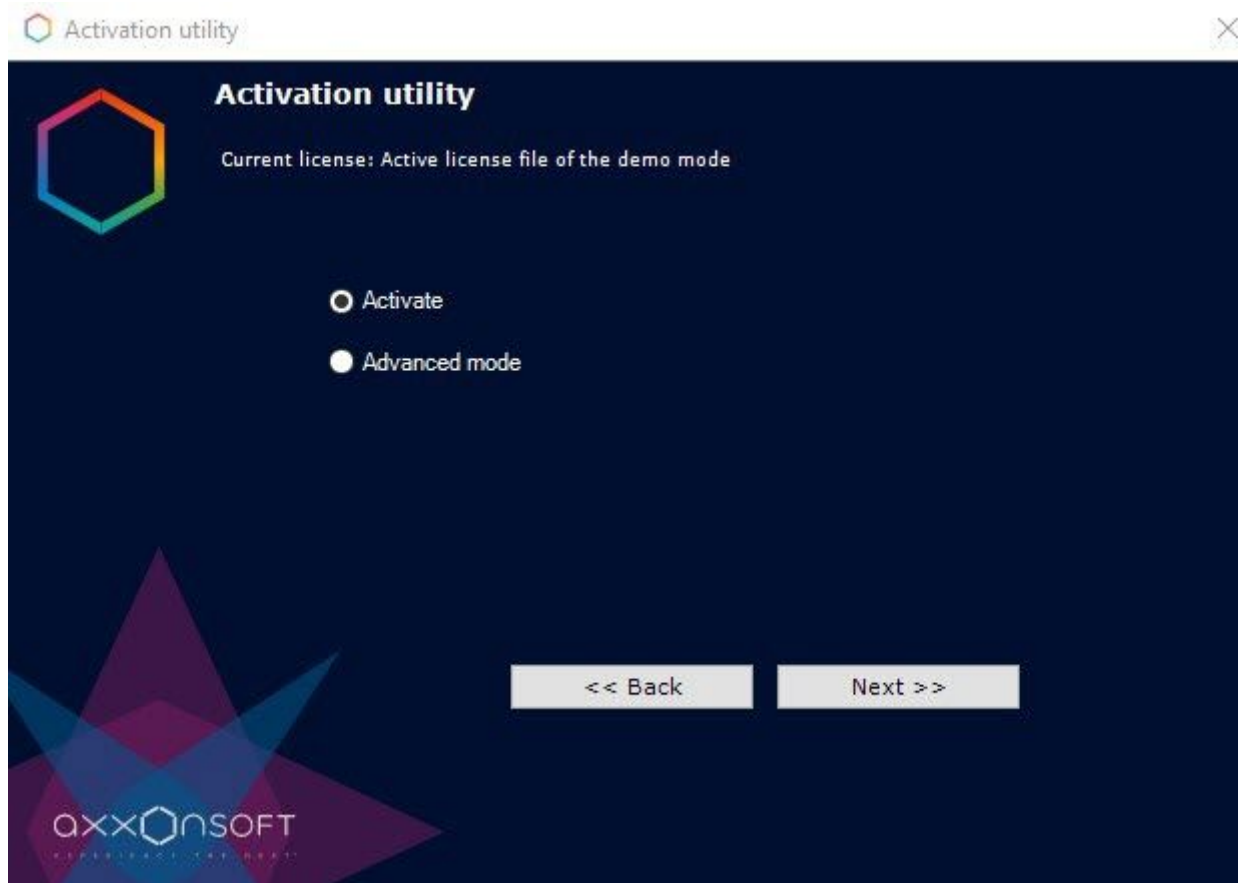
You have created an activation request file. To return to the home page of the **Activation utility**, click the **Continue** button. To exit, click the **Finish** button.

8.5.2 Activation by applying license file

To activate the *Axxon One* license if you have a license file, do the following:

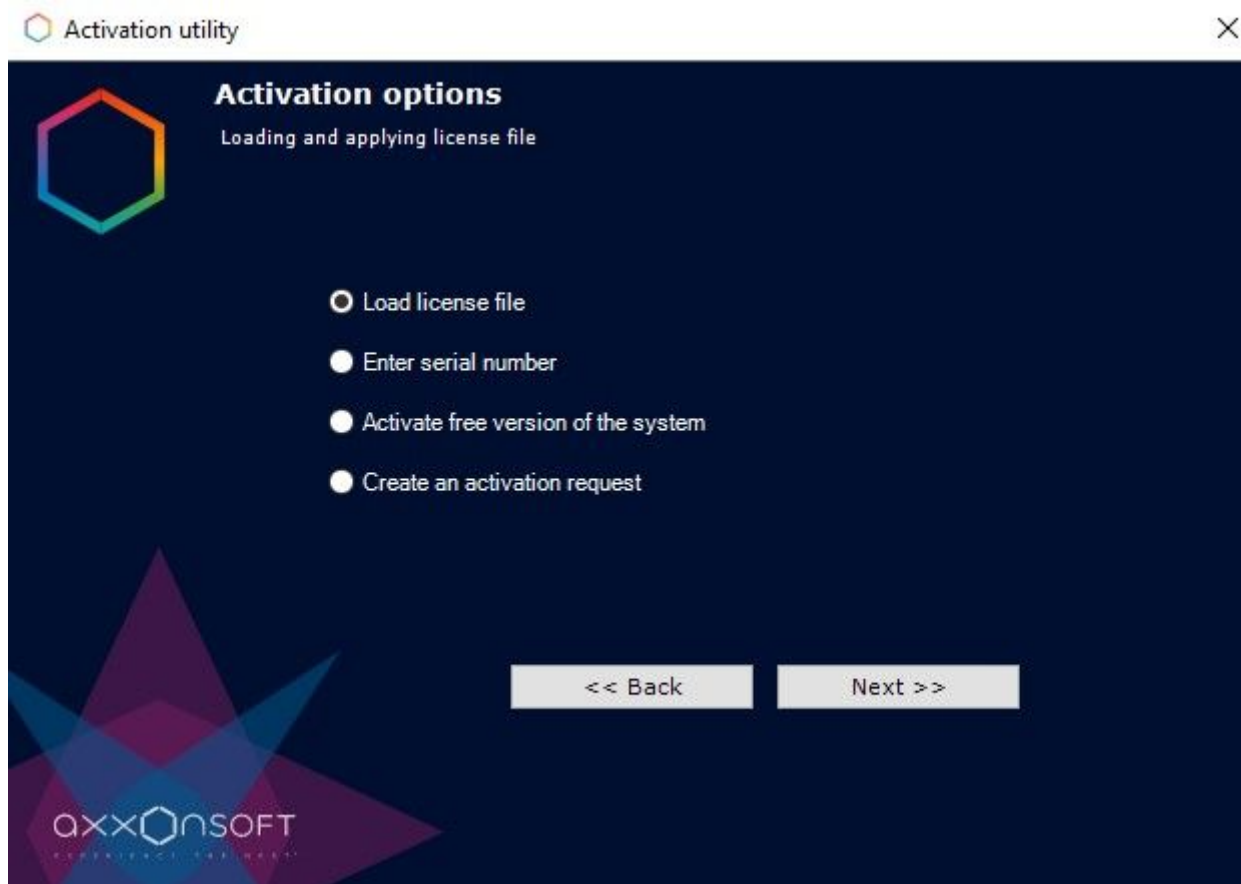
- Start the **Activation utility** (see [Activation utility](#)(see page 20)).
- On the main page of the utility, select **Activate**.

3. Click the **Next >>** button.

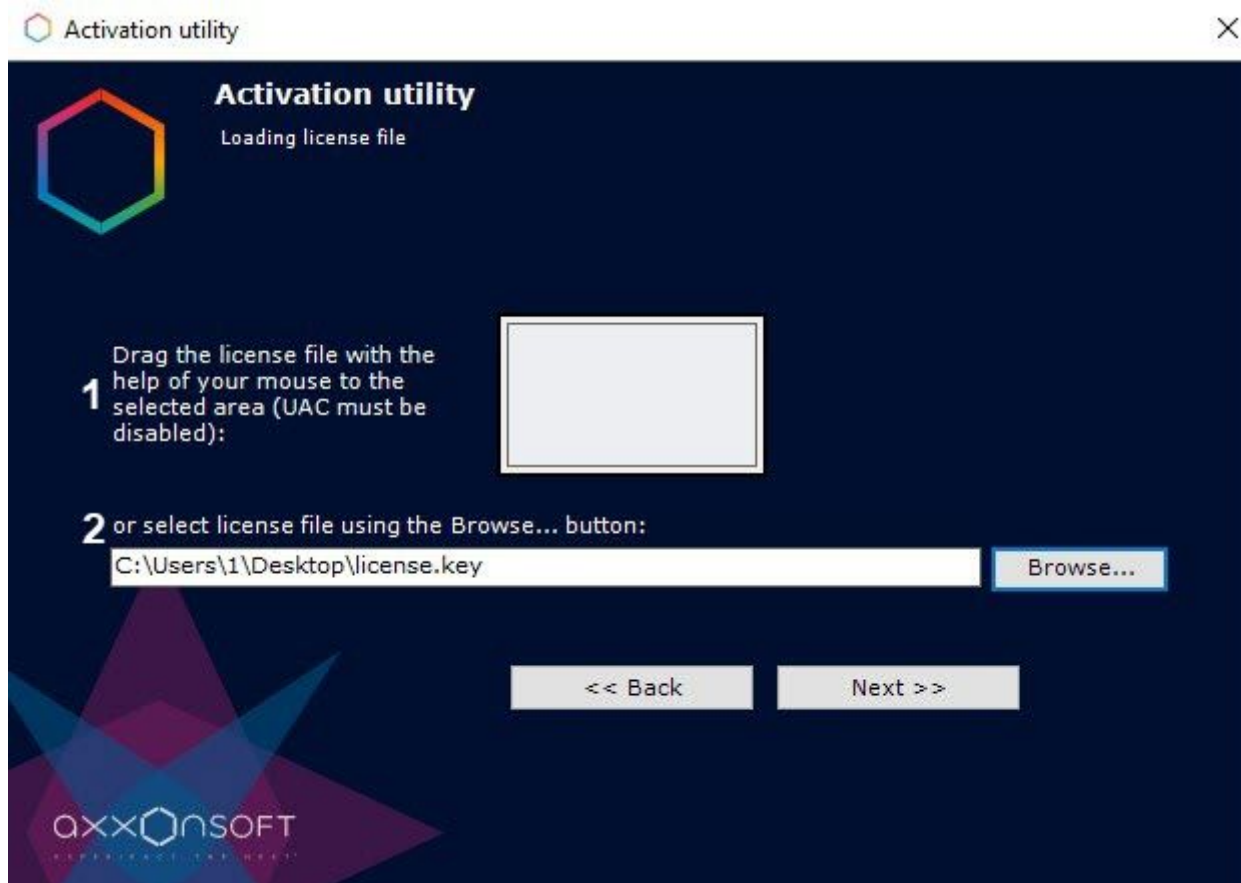


4. Select **Load license file**.

5. Click the **Next >>** button.



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

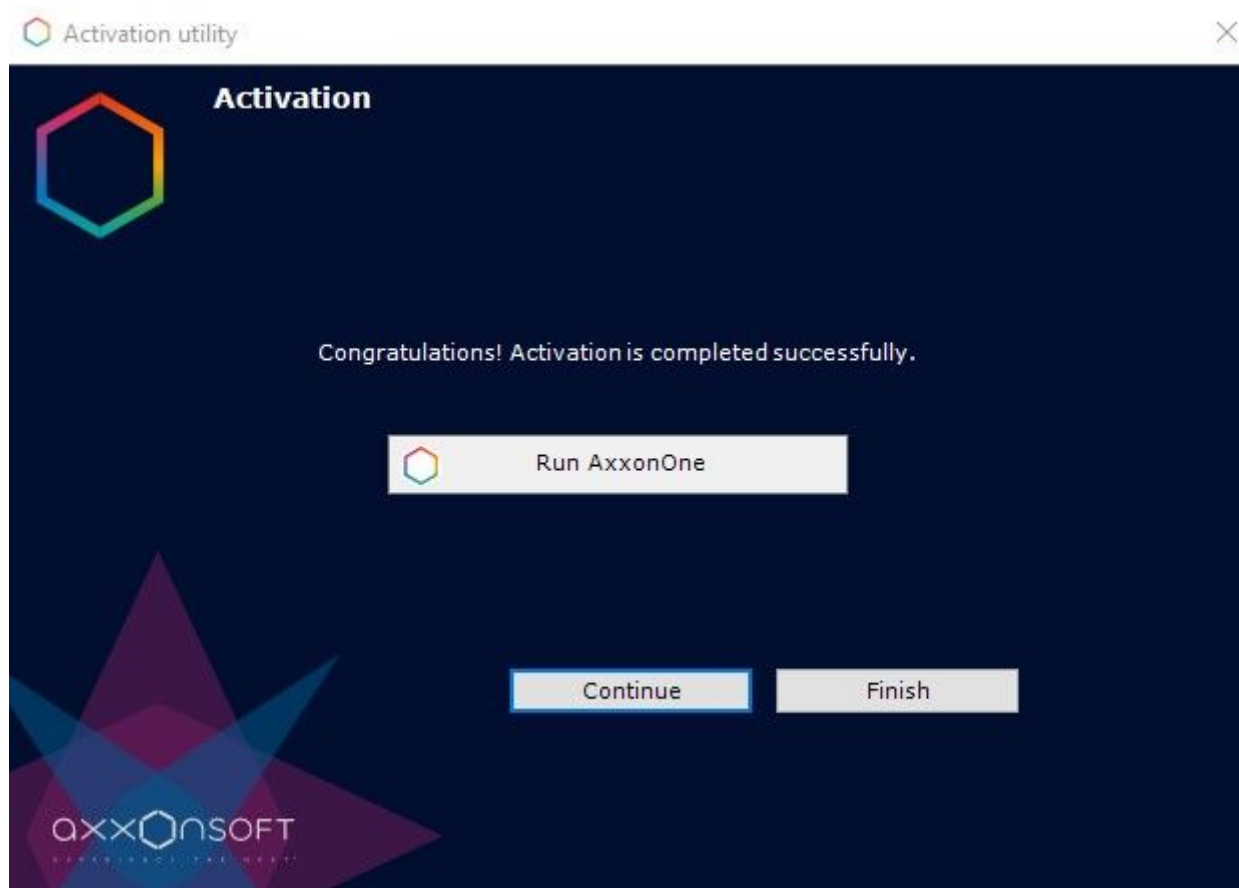


- a. Drag and drop the license file to the selected area (1),
 - b. Click the **Browse...** button and select a license file (2).
7. Click the **Next >>** button. The license file is downloaded to the system.

Attention!

The system configuration (number of servers, video channels, and detectors) at the time of activation must not exceed the functionality specified in the license file.

If completed successfully, a message is displayed.



You have activated the *Axxon One* license. Click the **Continue** button to return to the home page of the **Activation utility**. To exit, click the **Finish** button.

Attention!

For the correct operation of *Axxon One*, you must restart the server after activation.

8.5.3 Activation by serial number

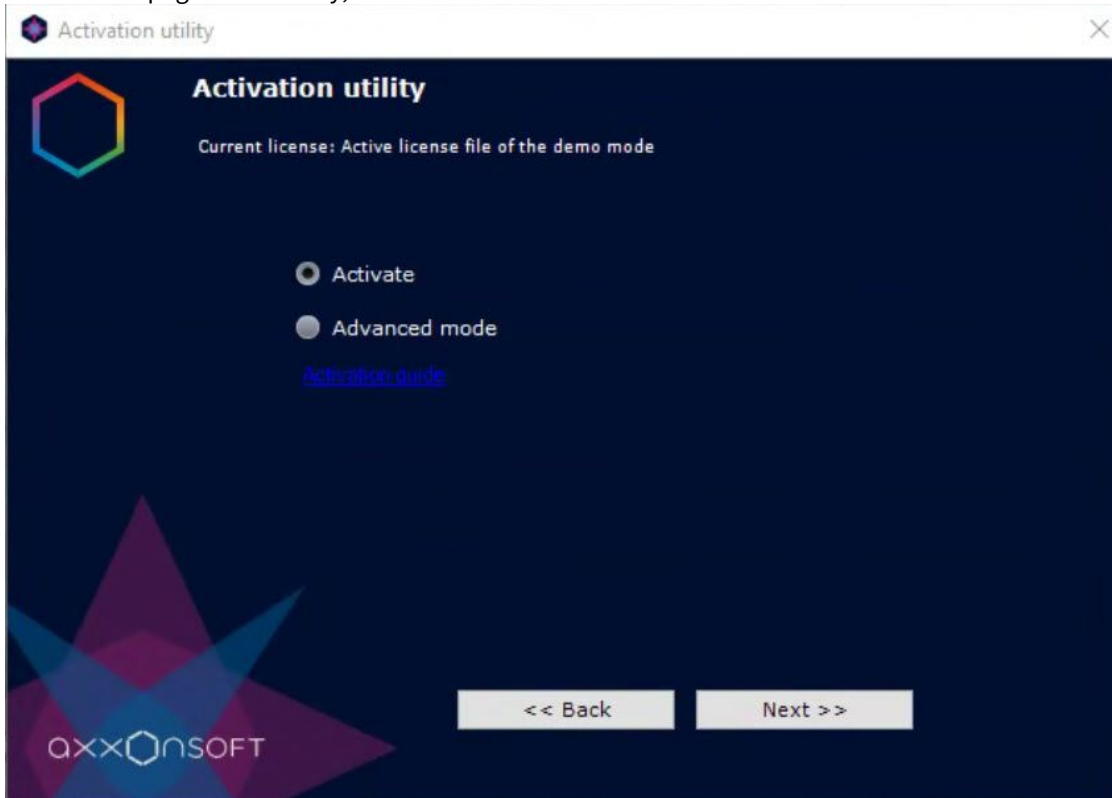
To activate the *Axxon One* license if you have a serial number, do the following:

Note

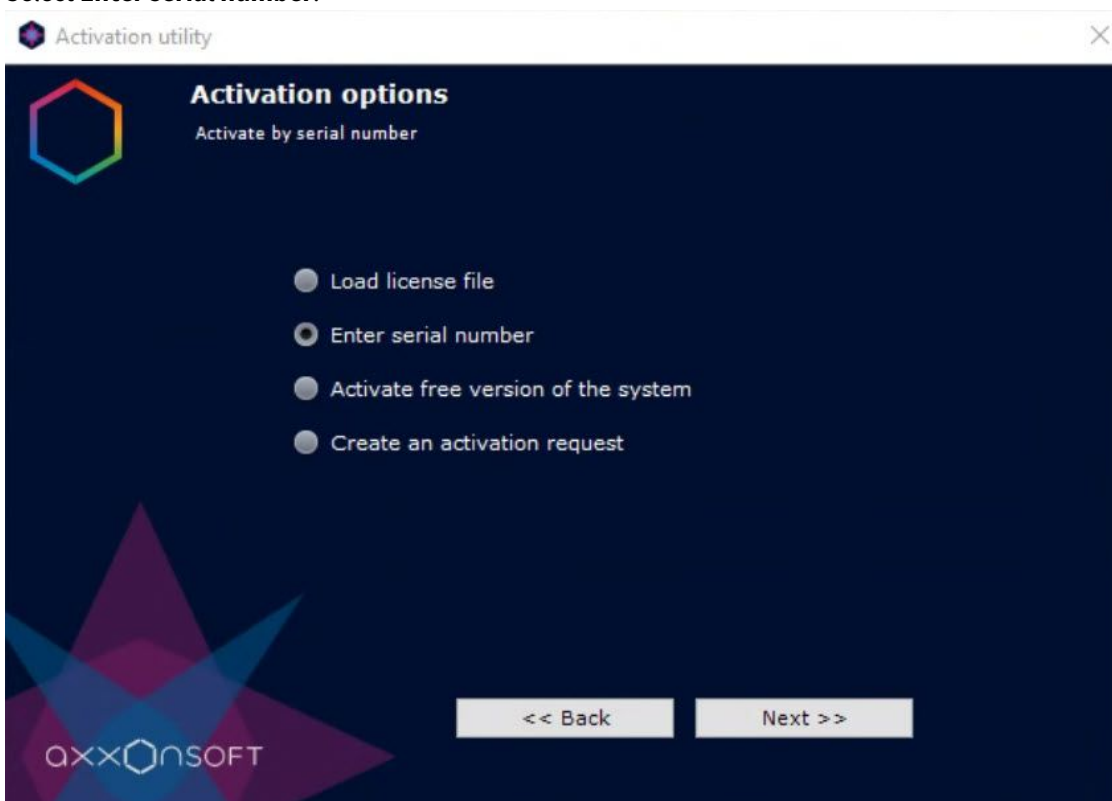
Activation of license by serial number only works in systems with one server in a domain.

1. Start the **Activation utility** (see [Activation utility](#)(see page 20)).

2. On the main page of the utility, select **Activate**.

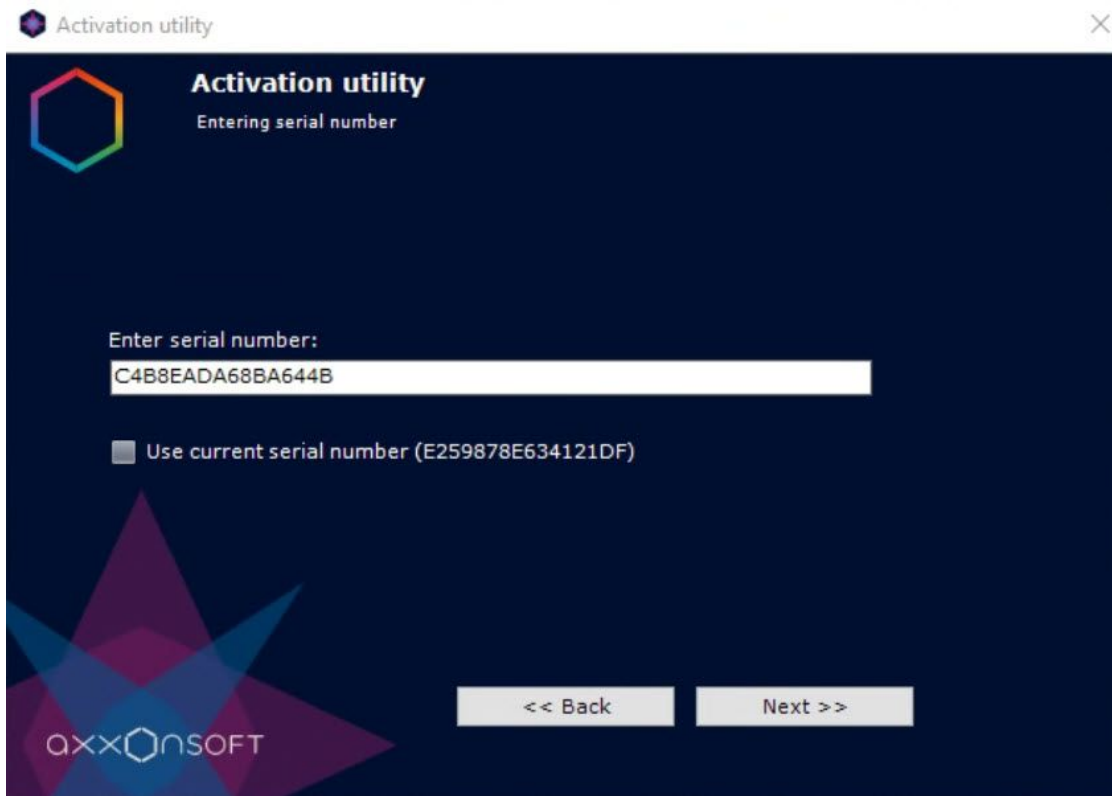


3. Click the **Next >>** button.
4. Select **Enter serial number**.



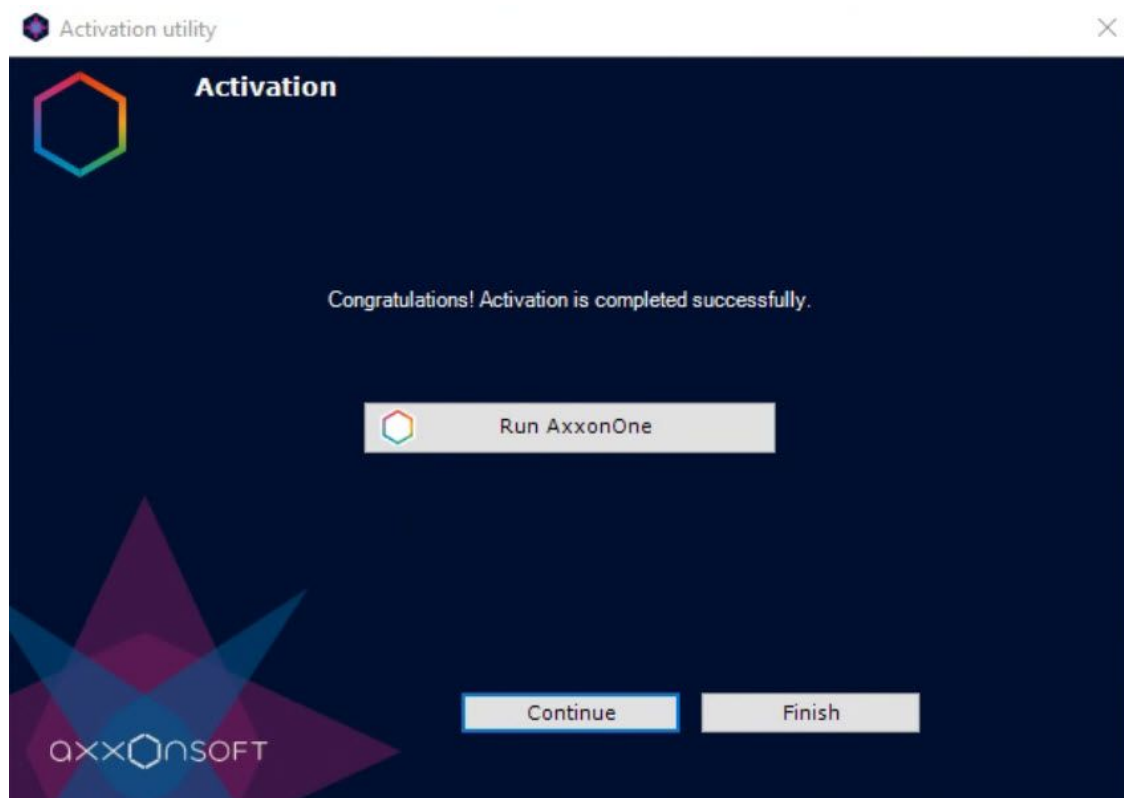
5. Click the **Next >>** button.

6. Enter the serial number. You can also use the current serial number. To do this, set the **Use current serial number** checkbox.



7. Click the **Next >>** button.

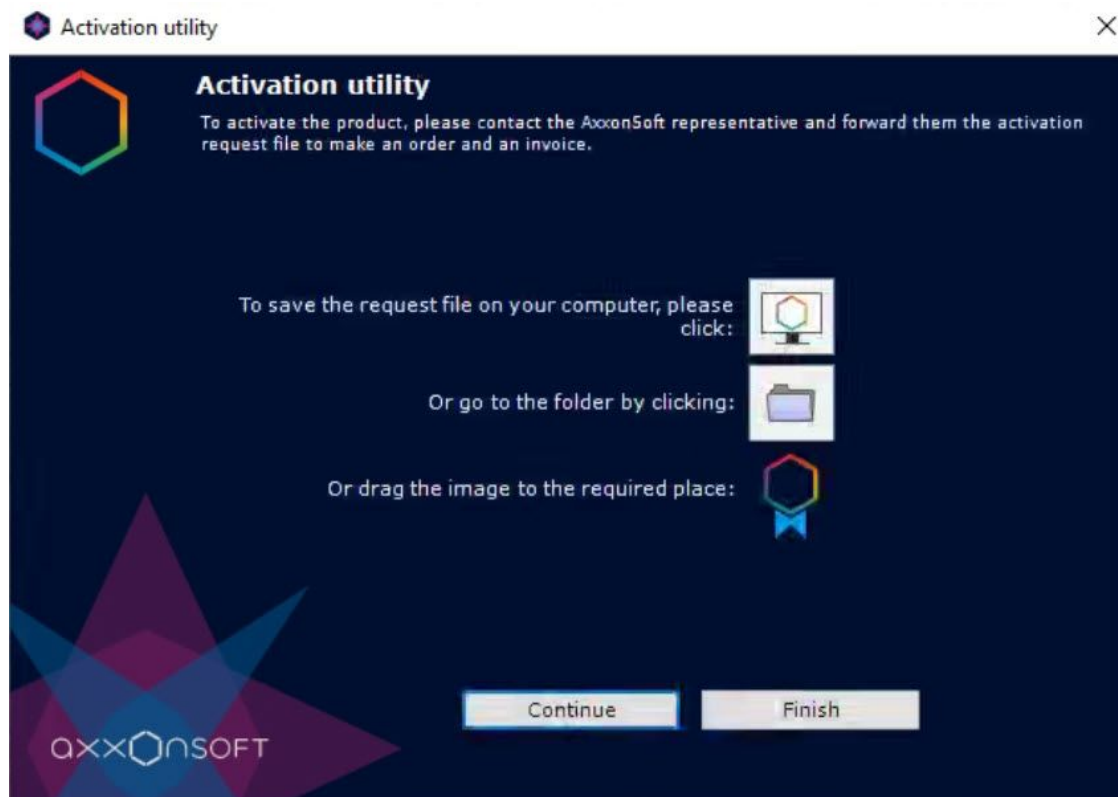
If activation is completed successfully on the *licensing service* (<https://sale.axxonsoft.com/>), the license file is automatically uploaded and applied in the system.



You have activated the *Axxon One* license.

- Click the **Continue** button to return to the home page of the activation utility.
- To exit, click the **Finish** button.
- To start *Axxon One*, click the **Run AxxonOne** button.

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



1. Click the  button, and in the standard Windows dialog window, specify the storage location and the name of the request file.
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 representative. You can also generate a license file on the *licensing service* (see [Generating license files via the web interface of the licensing service](#)(see page 50)) and then upload the license file to the system (see [Activation by applying license file](#)(see page 31)).

Attention!

For the correct operation of *Axxon One*, you must restart the server after activation.

8.6 Updating the license

To update the license in the system, do the following:

1. Deactivate your license (see [Deactivating the license](#)(see page 38)).
2. Generate an activation request (see [Creating an activation request](#)(see page 29)) and make payment.

Note

Skip this step if you want to activate already paid system features.

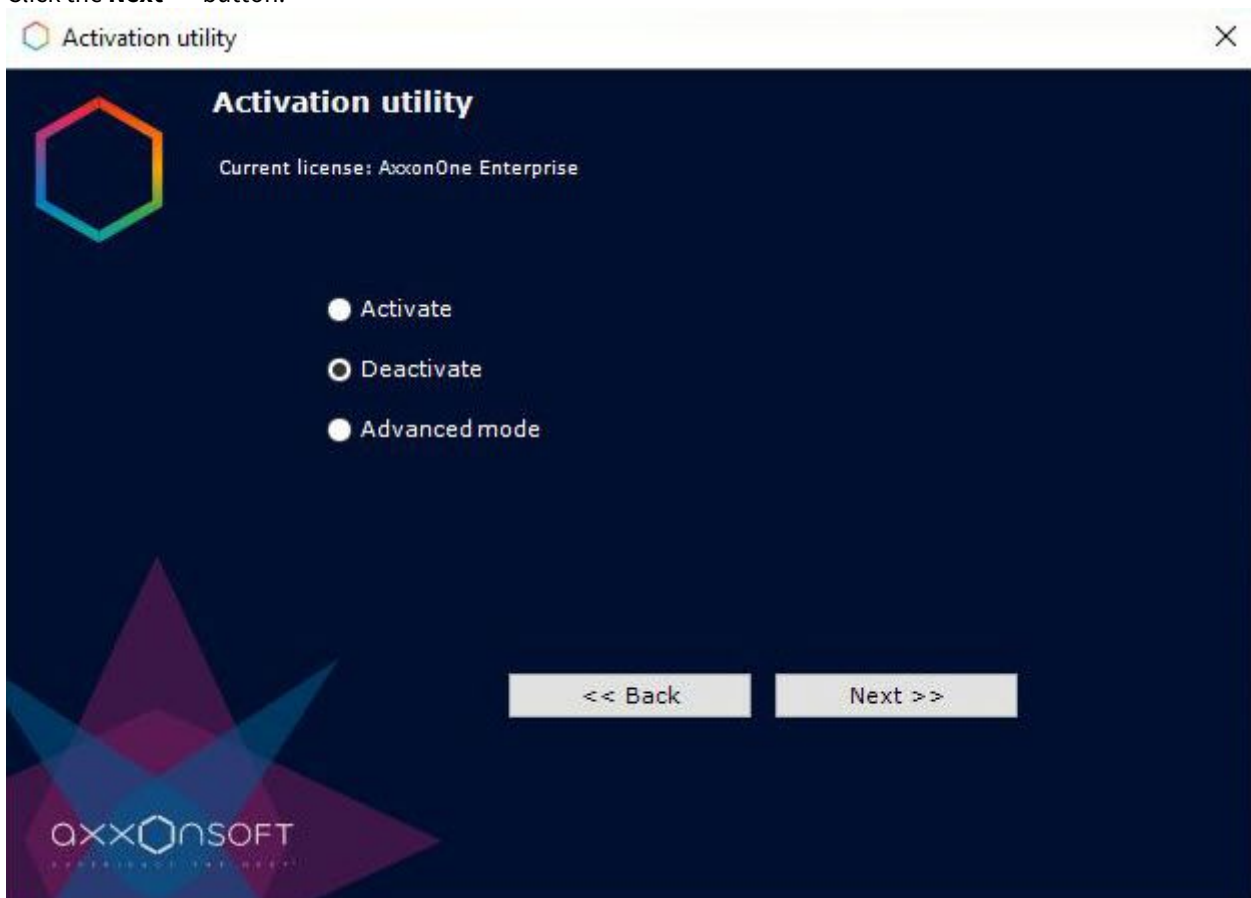
3. Activate the license in the system (see [Activation by applying license file](#)(see page 31), [Activation by serial number](#)(see page 34)).

The license is updated.

8.7 Deactivating the license

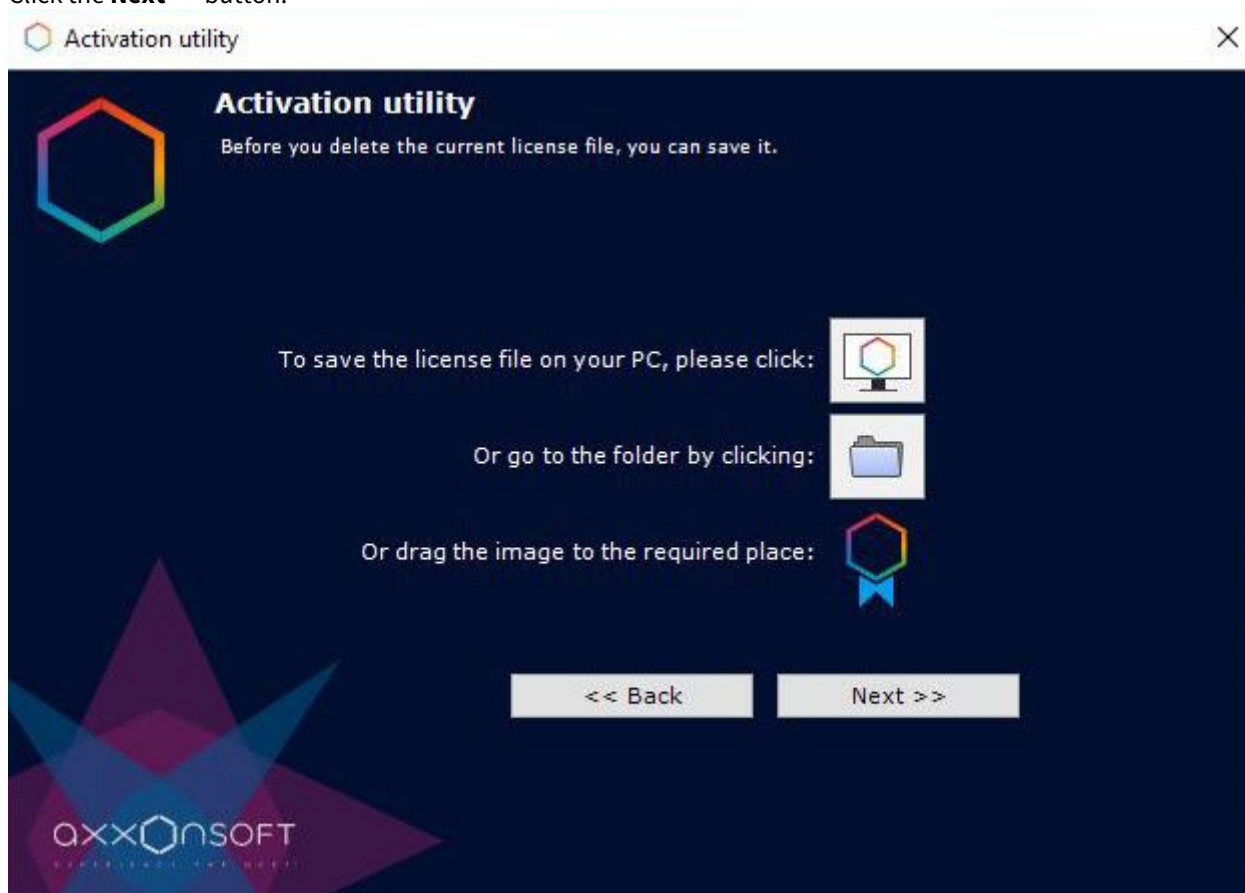
To delete the license file from the system, do the following:

1. Start the **Activation utility** (see [Activation utility](#)(see page 20)).
2. On the main page of the utility, select **Deactivate**.
3. Click the **Next >>** button.

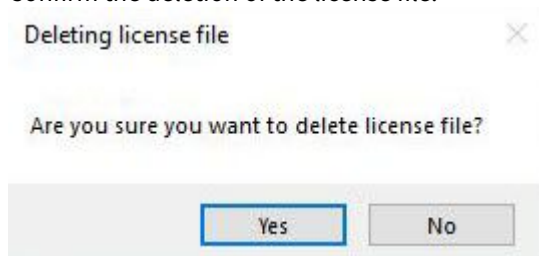


4. You can save the activation request file using any one of the methods prompted on the screen.

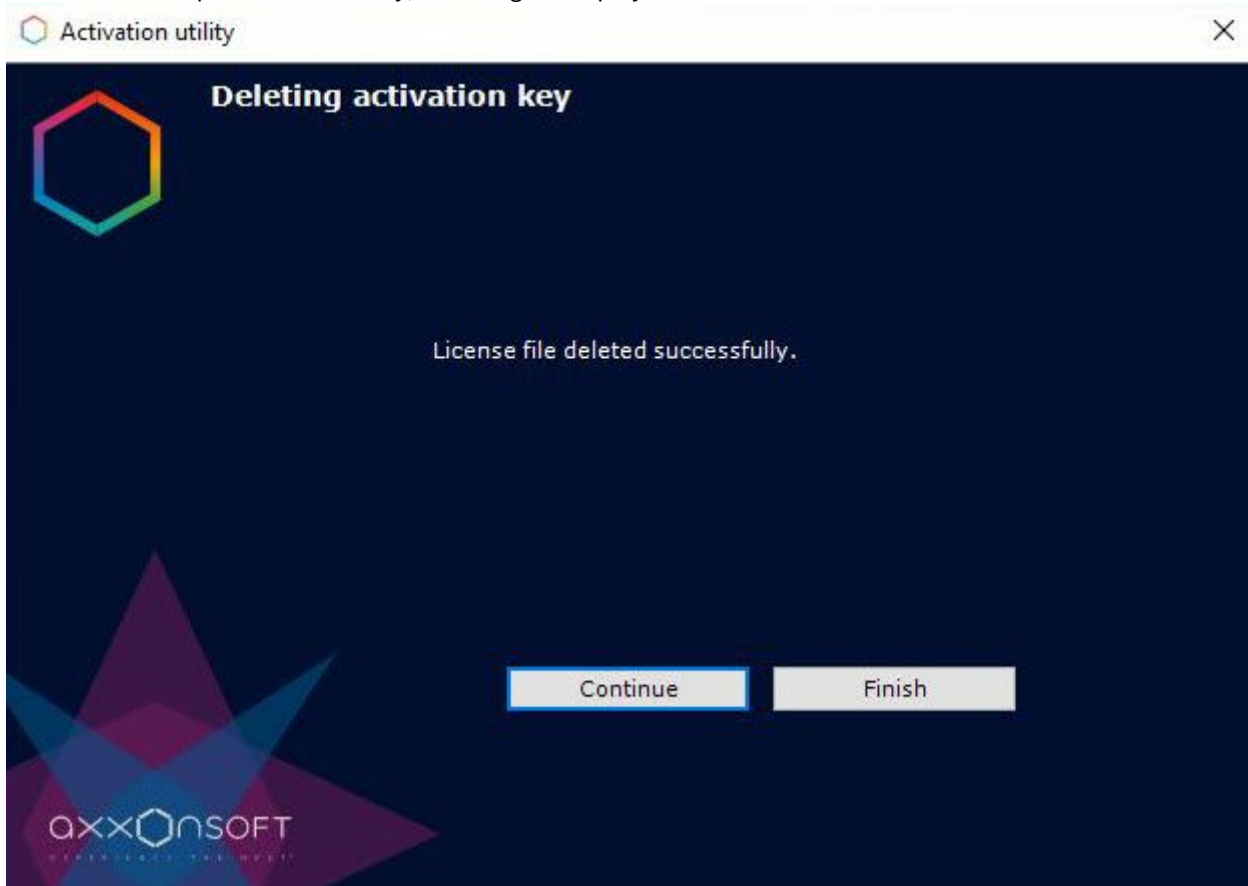
5. Click the **Next >>** button.



6. Confirm the deletion of the license file.



7. If deletion is completed successfully, a message is displayed.



Deletion of the license file from the system is complete. After you delete the license file, the demo license is activated. Click the **Continue** button to return to the home page of the **Activation utility**. To exit, click the **Finish** button.

Attention!

For the correct operation of *Axxon One*, you must restart the server after deactivation.

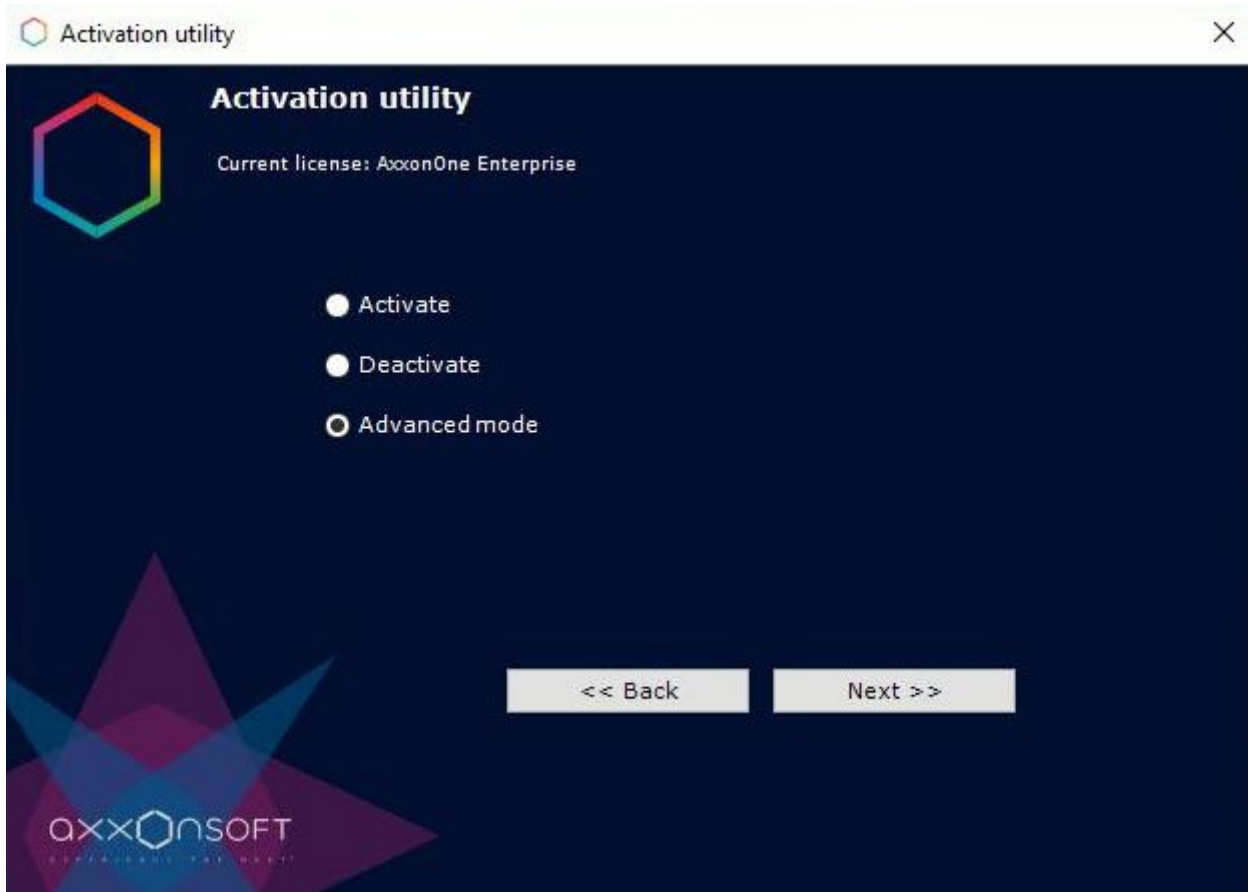
8.8 Additional actions in the Activation utility

8.8.1 Saving the license file

To save the license file, do the following:

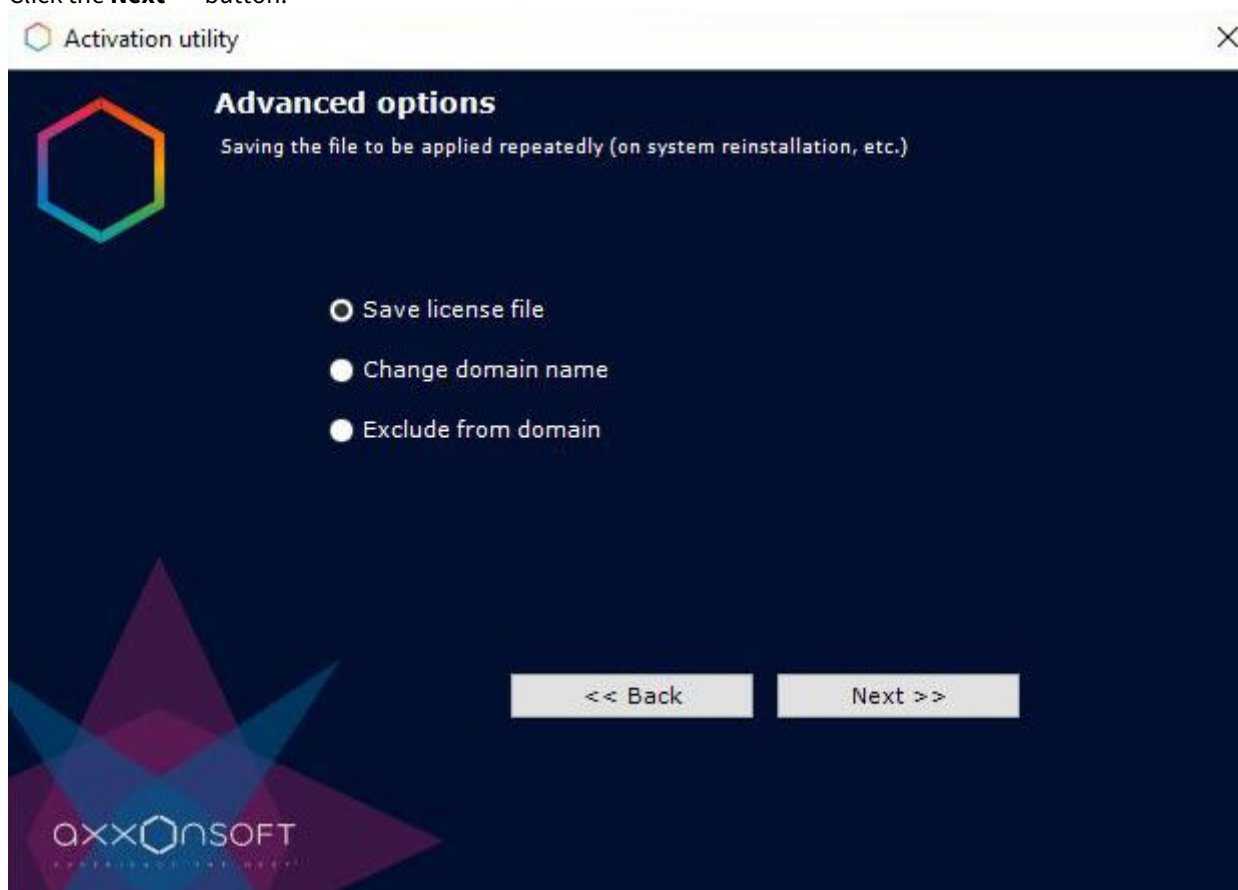
1. Start the **Activation utility** (see [Activation utility](#)(see page 20)).
2. On the main page of the utility, select **Advanced mode**.

3. Click the **Next >>** button.

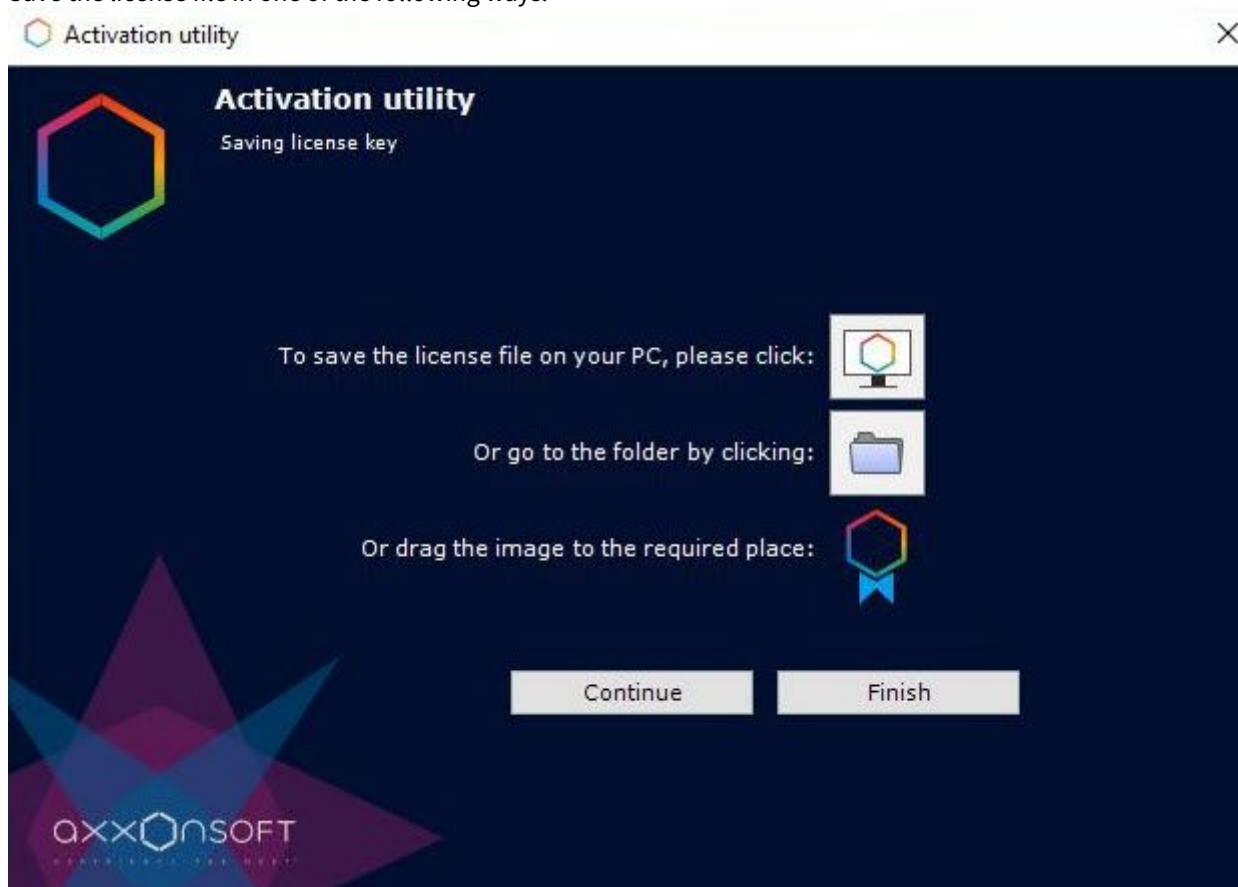


4. Select **Save license file**.

5. Click the **Next >>** button.



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



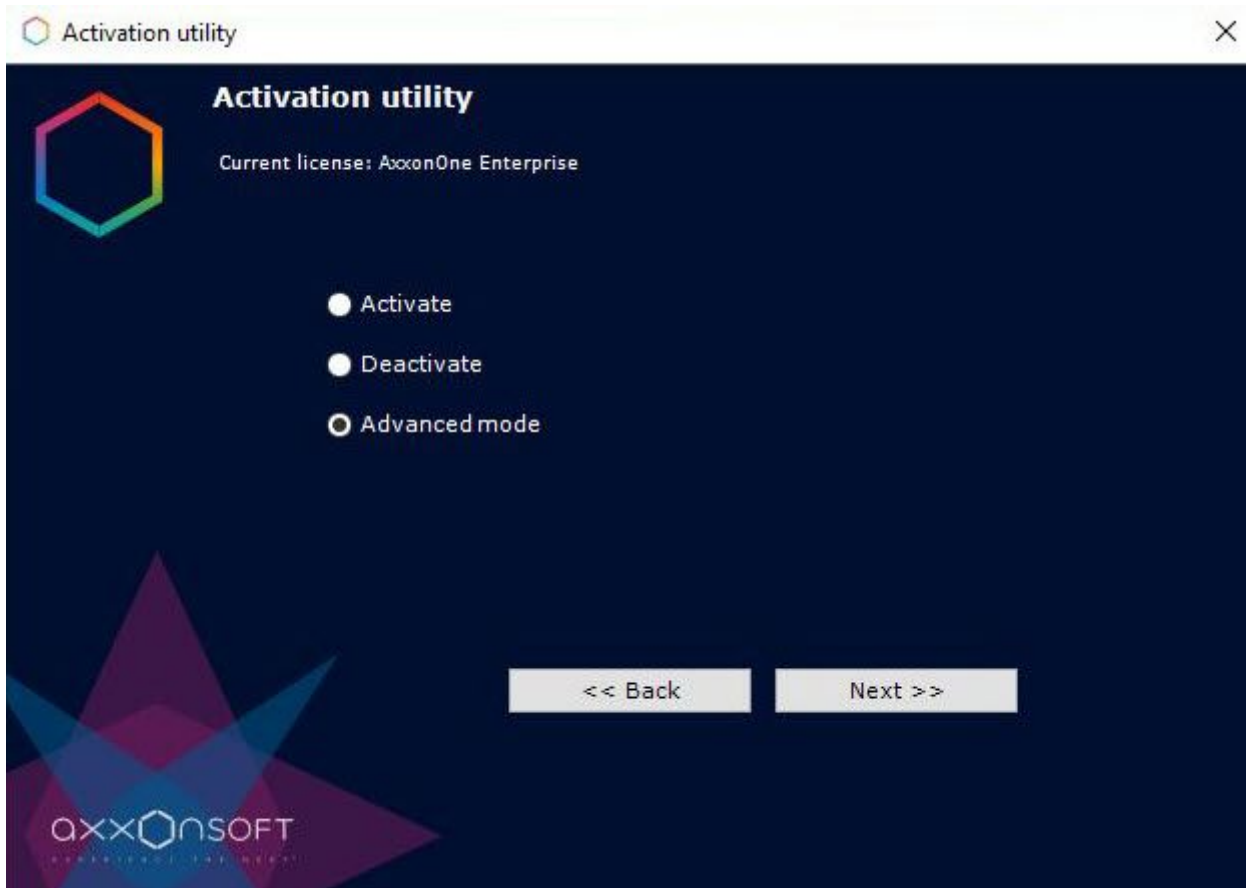
- a. Click the  button and in the standard Windows dialog window, specify the storage location and the name of the request file.
- b. Click the  button. The folder that contains the request file opens.
- c. Drag and drop the  image to the destination folder.

Saving the license file is complete. To return to the home page of the **Activation utility**, click the **Continue** button. To exit, click the **Finish** button.

8.8.2 Changing the domain name

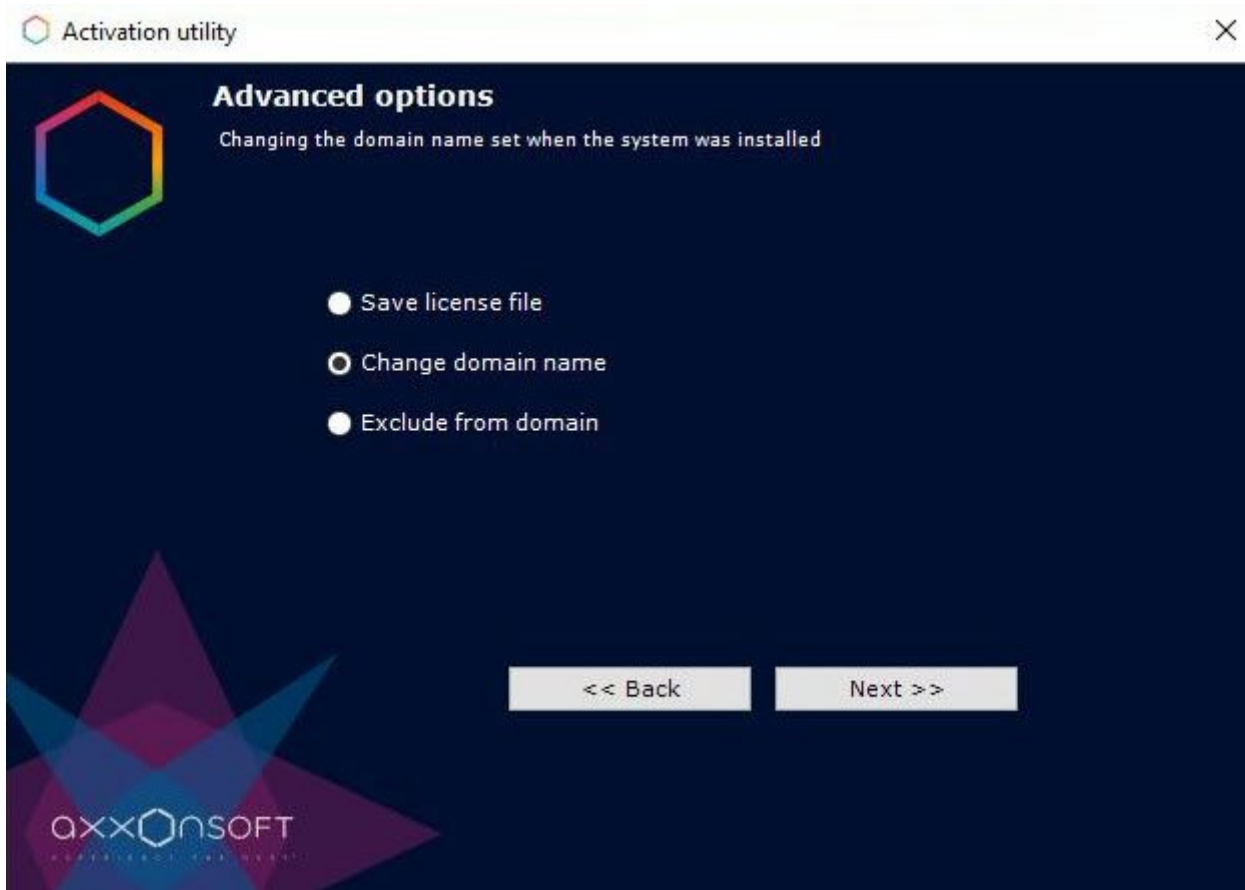
To change the domain name specified during system installation, do the following:

1. Start the **Activation utility** (see [Activation utility](#)(see page 20)).
2. On the main page of the utility, select **Advanced mode**.
3. Click the **Next >>** button.



4. Select **Change domain name**.

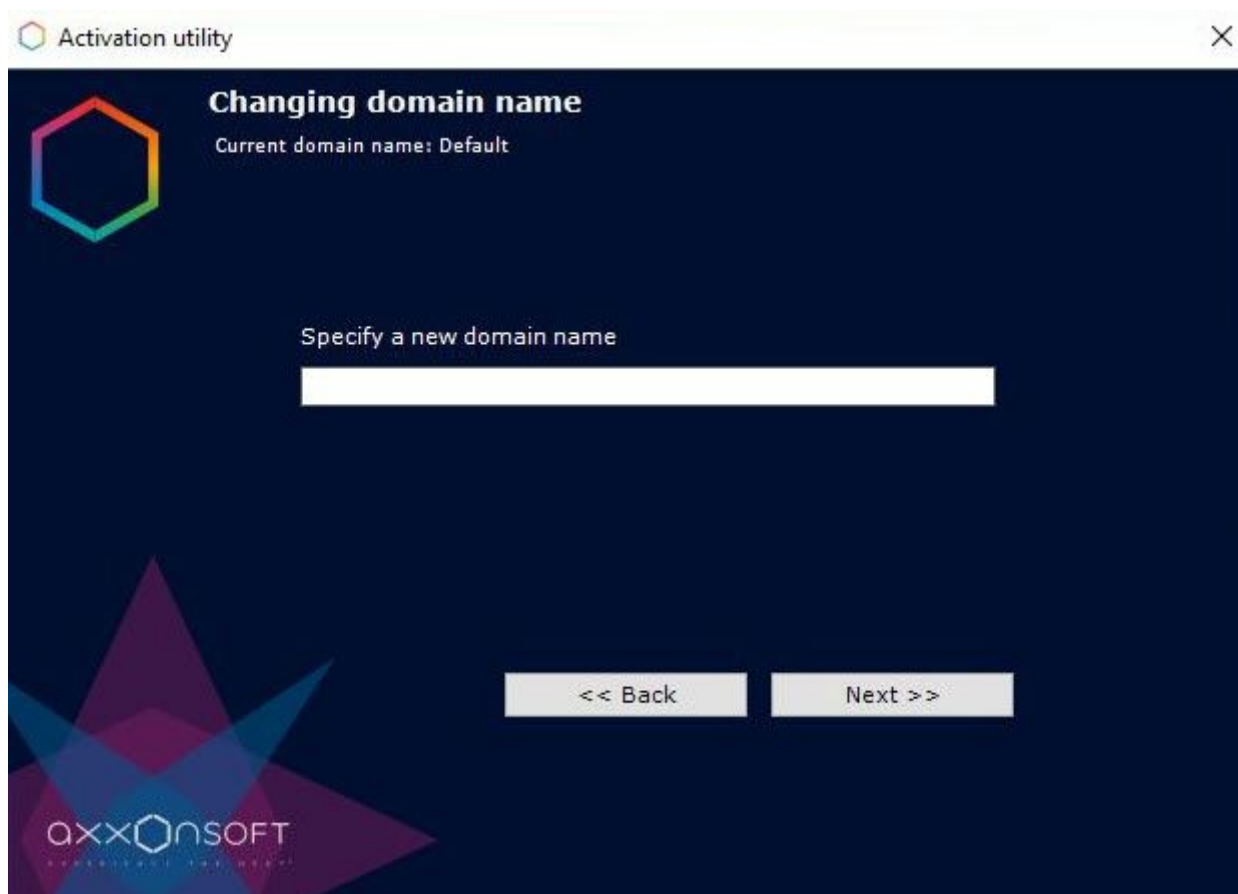
5. Click the **Next >>** button.



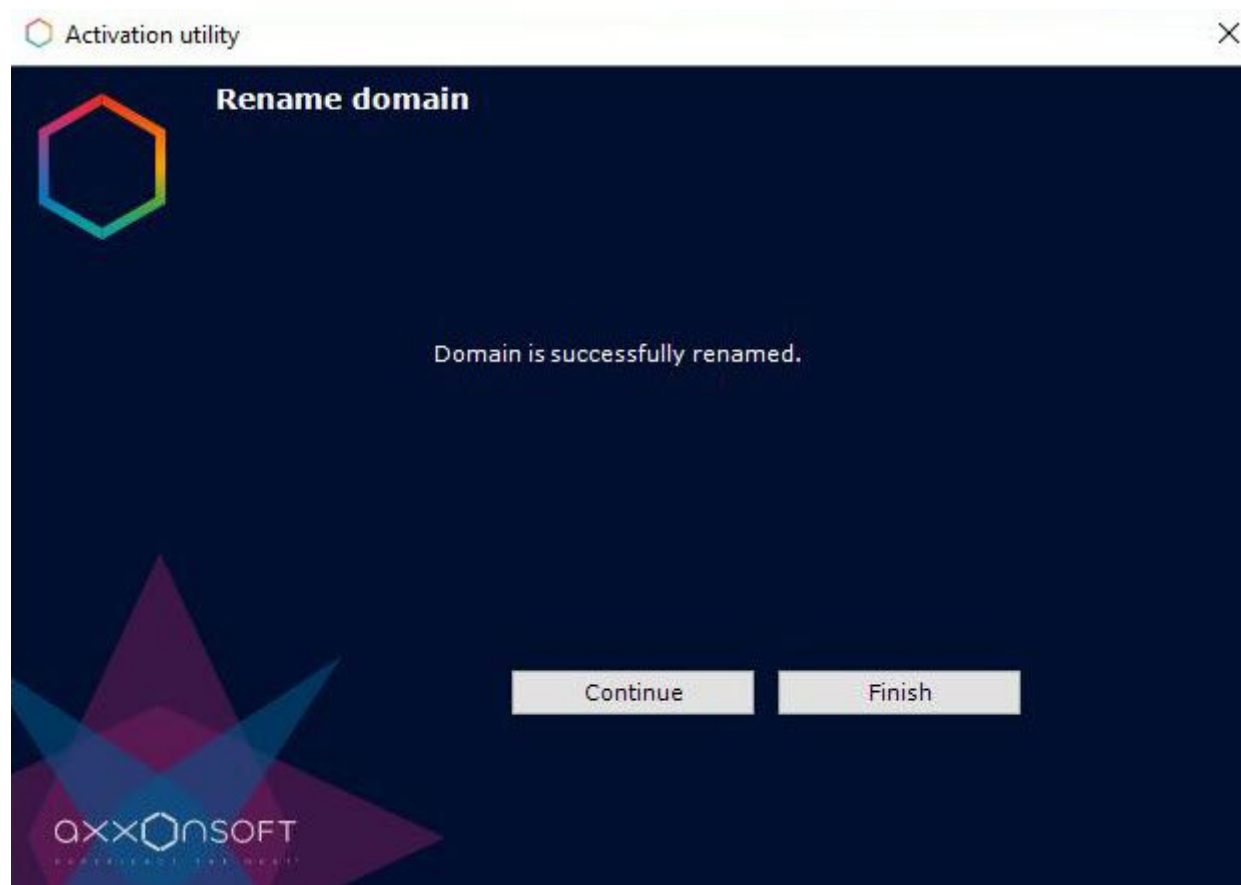
6. Enter the new domain name and click the **Next >>** button.

i Note

The domain name can contain only Latin letters, Arabic numerals, and the minus sign "-". The minus sign cannot be the first or the last character in the name.



If completed successfully, a message is displayed.

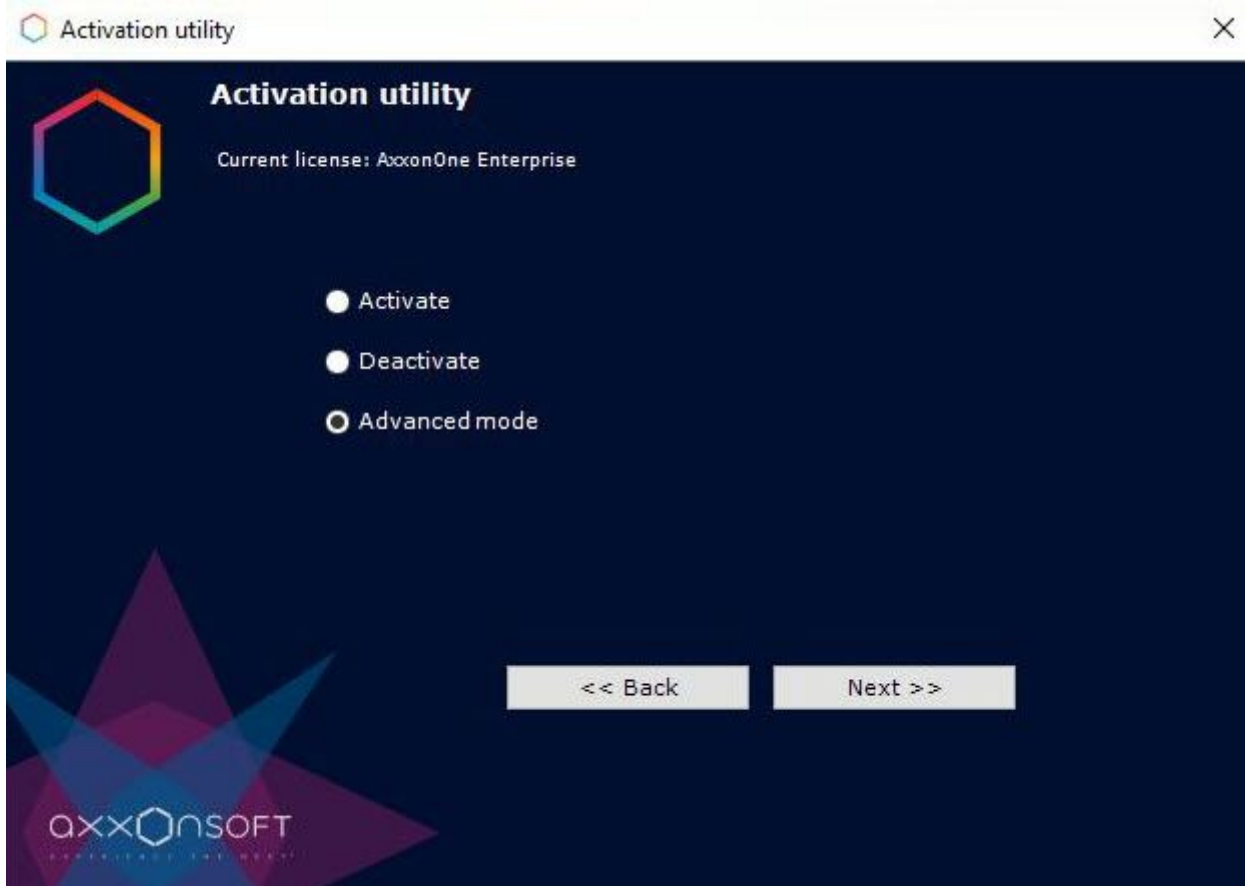


Changing the domain name is complete. Click the **Continue** button to return to the home page of the **Activation utility**. To exit, click the **Finish** button.

8.8.3 Excluding the current server from the domain

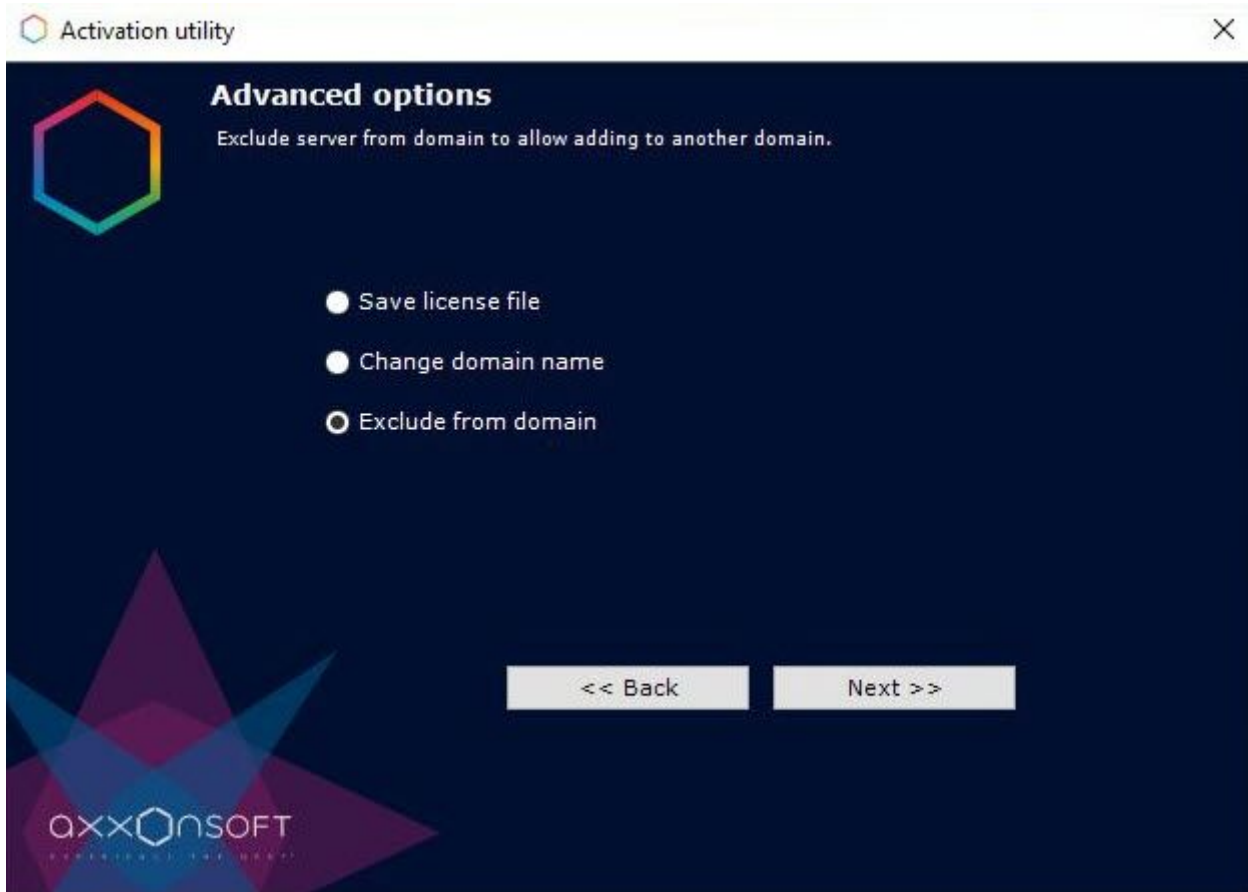
To exclude the server currently connected to in the **Activation utility** from the domain, do the following:

1. Start the **Activation utility** (see [Activation utility](#)(see page 20)).
2. On the main page of the utility, select **Advanced mode**.
3. Click the **Next >>** button.

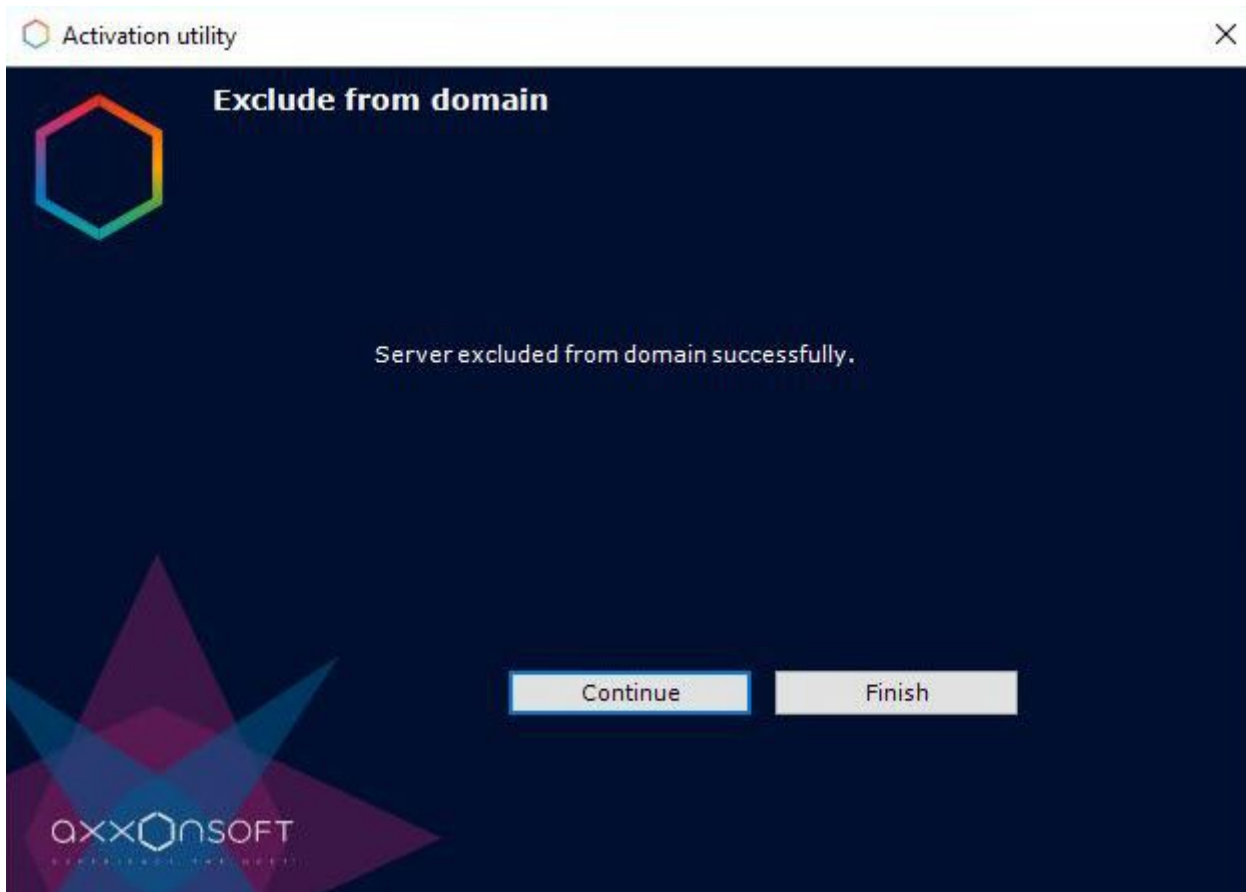


4. Select **Exclude from domain**.

5. Click the **Next >>** button.



If completed successfully, a message is displayed.



Exclusion of the server from the domain is complete. Click the **Continue** button to return to the home page of the **Activation utility**. To exit, click the **Finish** button.

9 License transfer to another computer with configuration saved

You can transfer the *Axxon One* license to another computer with the existing configuration saved only if:

- *Axxon One* is licensed with a license file and Guardant dongle binding;
- the type of *Axxon One* installation is **Server and client**;

Attention!

This manual isn't relevant for the **Failover server and client** installation type.

- the name of the new *Axxon One* server is the same as the name of the old server;
- the product version (up to and including the build number) on which the backup was made matches the version on the new computer.

To transfer the license, do the following:

1. Save the license file (see [Saving the license file](#)(see page 40)).
2. Use the Backup and restore utility to back up the configuration (see [Backup and restore utility](#)¹²⁰).
3. Copy the folder with the configuration backup.
4. Uninstall *Axxon One* on the old computer (see [Removal](#)¹²¹).
5. Install the same version of *Axxon One* on a new computer as the version that was installed on the old computer (see [Installation](#)¹²²).
6. Insert the Guardant dongle into the new computer.
7. Use the Backup and restore utility to restore a configuration backup from the old computer (see [Backup and restore utility](#)¹²³).
8. Restart all *Axxon One* servers (see [Starting and stopping Axxon One software](#)¹²⁴).

Transfer of the *Axxon One* license with the previous configuration saved is complete.

¹²⁰ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314539417/Backup+and+restore+utility>

¹²¹ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314535919/Removal>

¹²² <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314535894/Installation>

¹²³ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314539417/Backup+and+restore+utility>

¹²⁴ <https://docs.axxonsoft.com/confluence/spaces/ONE2025/pages/314535947/Starting+and+stopping+Axxon+One+software>

10 Generating license files via the web interface of the licensing service

On the page:

- [Generating the Axxon One Free license file](#)(see page 50)
- [Generating the Axxon One license file](#)(see page 51)

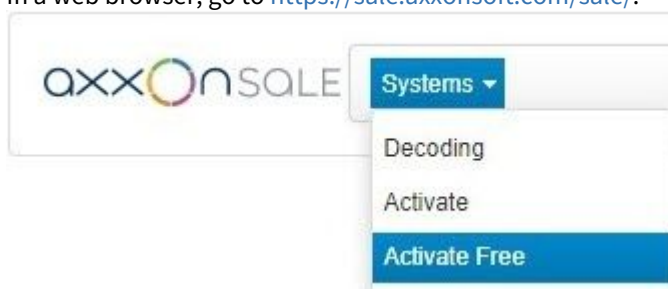
You can get a license file from an AxxonSoft manager by sending them a request file. You can also generate a license file on the *licensing service* at <https://sale.axxonsoft.com/sale/>.

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

10.1 Generating the Axxon One Free license file

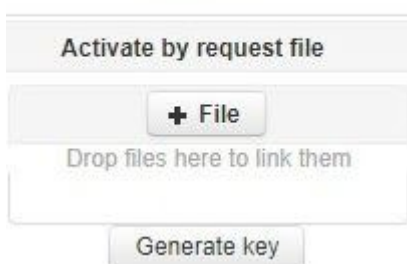
To generate the *Axxon One Free* license file, do the following:

1. In a web browser, go to <https://sale.axxonsoft.com/sale/>.



2. Follow the **Activate Free** link.
3. Click the **File** button and select the activation request file.

Activate



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

Activate



Generation of the *Axxon One Free* license file is complete.

10.2 Generating the Axxon One license file

You can generate the *Axxon One* license file only if there is the product serial number in the activation request. The product serial number is provided after payment.

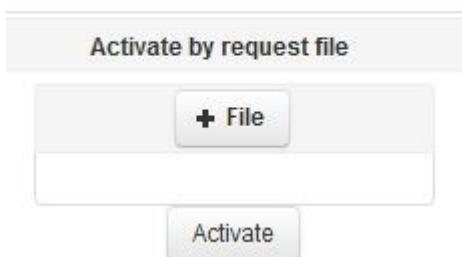
To generate a license file, do the following:

1. In a web browser, go to <https://sale.axxonsoft.com/sale/>.



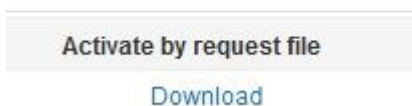
2. Follow the **Activate** link.
3. Click the **File** button and select the activation request file.

Key generate



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

Key generate



Generation of the *Axxon One* license file is complete.