

LUXRIOT EVO Global Installation Guide

Monday, August 28, 2023

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Luxriot EVO Global Installation Guide

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1 Introduction

This part of the documentation contains guidelines on the installation of Luxriot EVO and its components, server initialization and activation, as well as the process of software update and related operations.

For detailed information on the software usage, please refer to the Luxriot EVO administration and user guides: these documents are installed together with Luxriot EVO on your machine in PDF format and are available via Windows Start menu.

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2 Getting Started

Before starting the installation, make sure that:

- you have downloaded the correct software package
- you have acquired the corresponding valid **license** key
- the host operating system is stable (functioning correctly) and has all the **updates and drivers** installed
- server **hardware matches** the project **requirements**, taking into account all used features and planned post-deployment modifications
- host system retains all the [features and configuration](#) required for software operation



We strongly advise that you keep the software versions (e.g., 1.x.x) and subversions (e.g., 1.2.x) across your system match exactly. Software build numbers (e.g., 1.2.0.xxxxx) may differ slightly in case you are using 64-bit and 32-bit editions.



If you are not sure about what server hardware to choose, do not hesitate to use Luxriot provided hardware calculators and/or contact Luxriot representative for an accurate estimation.

We advise installing and activating the software on the ultimate server assembly, as extensive subsequent hardware changes are likely to cause software license activation failure. If this happens, undo these changes, if possible, or contact product support to find a solution.

Luxriot EVO is installed as a Windows service so please make sure that the Windows user you are logged in as has sufficient privileges; otherwise, software may not be installed correctly. Note that there is no option to install and run the software in application mode.

The following topics will guide you through the installation process, as well as provide details on product configuration. If you are using a Luxriot product for the first time, we strongly advise you to carefully read and follow the instructions in this manual and related documentation.



Luxriot is **not responsible** for software failures and/or any footage loss caused by underlying OS and/or hardware issues. It is the responsibility of the systems administrator to configure the server and provide maintenance, unless otherwise agreed (e.g., if server hardware has been shipped by Luxriot for bespoke configuration).

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3 Prerequisites

There are a number of requirements for the Luxriot EVO host system:

- Microsoft Windows operating system (10, 11, Server 2016, Server 2019, Server 2022), real or virtual machine
- both .NET Framework 3.5 SP1 and 4.x installed (the latest version should come with OS updates)
- for Windows Server operating systems, make sure the Desktop Experience feature is installed
- Windows Media Features must be installed (via Windows Features), it is missing by default in Windows N editions
- all Windows updates must be installed (especially, this is critical for Windows 10 and newer editions and for pending updates)
- ports for remote connections should be enabled through the firewalls (default ports are 60554 for Luxriot EVO Monitor and Luxriot EVO Console and 8080 for the Luxriot EVO Streaming Server and external services)
- disable HTTP traffic analysis in the antivirus settings (especially ESET) to ensure the correct work of external services (LPR, FR, and other external video analytics modules)
- installation and recording directories should be added to antivirus exception list so that they are not scanned or interfered with in any other manner
- indexing and defragmentation services must be disabled for the storage locations
- for the software analytics requirements, see the corresponding section of the VCA/VA manual (provided as a separate document)
- for Luxriot EVO Monitor application, DirectX 10+ is required along with the latest stable graphics card drivers
- for Luxriot EVO Monitor, display resolution of 1280x720 pixels or higher is recommended



For Windows Server 2016 and 2019, specify the *Server with Desktop Experience* option as part of the OS installation. Prior versions of Windows Server allow you to install this feature post installation.



If you use a server with a clean Windows installation, make sure to install **all available Windows updates before** starting the software installation. Component deficiency (framework components, redistributables etc.) may lead to unexpected issues in software operation.



If you are using Windows 10 N or KN (special edition without media technologies), make sure to install **Windows 10 Media Feature Pack** in order to ensure Luxriot EVO operation. Without media features, Luxriot EVO will not work. You will find the media feature pack online, provided by Microsoft.



In order to enable GPU usage for video analytics, please install **NVIDIA CUDA toolkit redistributable** package, which is NOT a part of the Luxriot EVO installation. You can download the toolkit from the Luxriot website (usually available with the latest Luxriot EVO version), or request it from Luxriot representative or via support@luxriot.com.

For **recording**, the following recommendations apply:

- for 48+ channels and/or >20MB/s total recorded stream, RAID 5/6/10 with high speed hardware controller is strongly advisable
- defragmentation and indexing must be disabled for all storages
- every recording location, regardless of its type, must have 10-15% of free space, not used by Luxriot EVO or any other software
- recording to the system disk is strongly not recommended
- antivirus software or any other scanners should be disabled for the storage locations
- no third-party VMS should be recording to the same location as Luxriot EVO
- for NAS, make sure to disable the *Recycle Bin* feature, so that the erased files are actually deleted and not just moved to trash folder
- after adding the channels for recording, check the disk load (**disk queue**)
- disable read cache for RAID controllers

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High disk queue may result in gaps in the recordings, freezing client during archive playback, etc. Minimize the disk queue to avoid system performance issues.



Antivirus **scanning, defragmentation, indexing** and other similar processes being enabled for Luxriot EVO storages may result in dramatically decreased write speed, recording disturbances and, occasionally, database corruption. We strongly recommend that you make sure that storage locations are not affected by these processes.



Luxriot is **not responsible** for software failures and/or any footage loss caused by underlying OS and/or hardware issues. It is the responsibility of the systems administrator to configure the server and provide maintenance, unless otherwise agreed (e.g., if server hardware has been shipped by Luxriot for bespoke configuration).

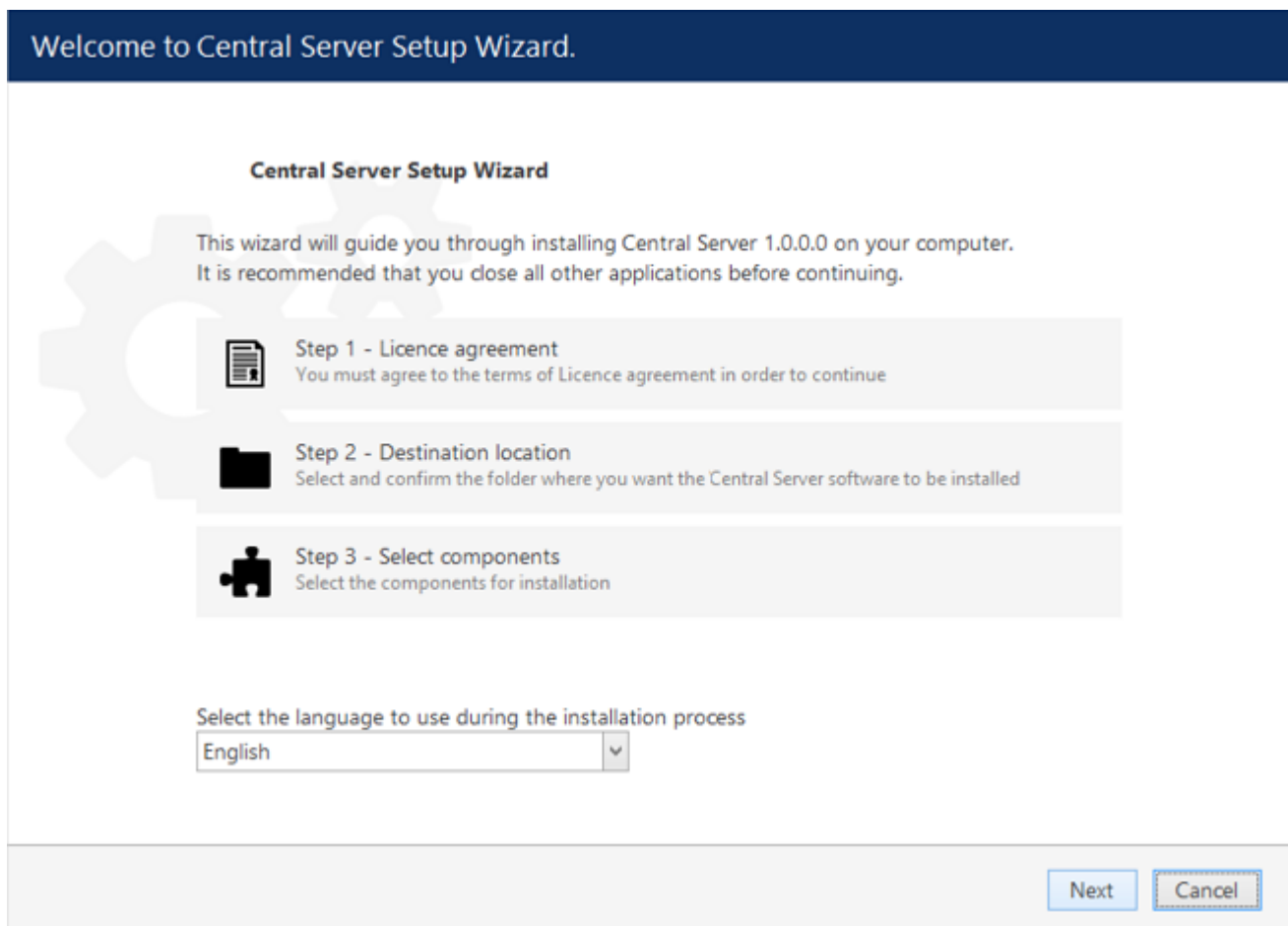
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4 Installation of Luxriot EVO Global

Start the installation by double-clicking the Luxriot EVO Global executable package file. The setup wizard will guide you through the installation process, providing available installation-time options depending on the software package you have chosen. Note that, depending on your Windows UAC configuration, you may have to confirm and/or provide administrative credentials.

We strongly advise that you stop all running third-party applications, as well as stopping antivirus scanning and Windows (and any other) updates during this phase, as these may interfere with the process and result in corrupt installation, which may cause unexpected behavior and hard-to-track issues during further software operation.

The installation wizard displays an overview of the process; also, you are able to select the installation language here. You will be prompted to select the Luxriot EVO Global interface language later.



Luxriot EVO Global Setup Wizard

Step 1

Carefully read the Luxriot license agreement: you must agree to all parts of the given document in order to proceed. If you agree, select *I agree...* in order to continue; otherwise, terminate software installation. If you have any questions regarding the contents of the present license agreement, please contact support@luxriot.com.

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Step 1 of 3 - Licence agreement

Central Server Licence Agreement

Please read the following Licence agreement. You must accept the terms of this agreement before you can continue with the installation.

misconfiguration, hardware failure, hardware conflict, software conflict, user data misconfiguration, and/or data loss.

You expressly assume the entire risk and cost associated with the Software, including risk resulting from Maintenance services (whether performed in whole, in part, or not at all), or from any virus, downloaded material, harmful component, or through any Internet use of the Software or any site or server through which the Software is available. You are solely responsible for any damage that results from or is associated with use of the Software. The Disclaiming Parties shall not be liable in any manner whatsoever for the results obtained through use of the Software. Persons using the Software are responsible for the supervision, management and control of the Software including determination of the

☒ I accept the terms of the agreement

Previous

Next

Cancel

License Agreement

Step 2

Select the destination folder you want the software to be installed in. By default, Luxriot EVO Global is installed in:

32-bit: *C:\Program Files (x86)\Luxriot\Luxriot EVO Global*

64-bit: *C:\Program Files\Luxriot\Luxriot EVO Global*

If you are re-installing Luxriot EVO Global and have previously selected a non-default location, make sure to select the same destination directory, or, alternatively, completely uninstall previous Luxriot EVO Global version. If unsure about this, ask for Luxriot technical support team assistance. A full description of the software upgrade procedure is available in the corresponding section of the Luxriot EVO administration manual.

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Step 2 of 3 - Destination location

Select and confirm the folder where you want the Central Server software to be installed

Where do you want Central Server to be installed?

Setup will install Central Server in the following folder. Click browse to select a different folder.

C:\Program Files (x86)\Central

Browse...

Installation requires at least 423.33 MB of disk space.

Previous

Next

Cancel

Installation Directory

The setup wizards estimates required disk space for you. Make sure you have enough free space on the target disk. Note that low system disk space will dramatically decrease system performance and affect overall system stability.

Step 3

Some components are optional and you can choose not to install them. The main Luxriot EVO Global parts are obligatory and cannot be deselected (by default, these options are selected and grayed out).

If not chosen at this stage, Luxriot EVO Monitor can be installed later separately.

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Step 3 of 3 - Select components

Specify which components to install

Configure the components of the installation package:

☒ Central Server Server Service (390.90 MB)

☒ Central Server Management Application (3.82 MB)

☒ Central Server Client Application (1.39 MB)

Select the language to use in the user interface

English

At least 424.72 MB of free space is required.

Previous

Next

Cancel

Select Software Components

If you are ready to proceed, hit *Next* to begin the installation. Depending on selected components and host system condition, the process may take some time to complete, so please be patient.

Important notice for US users!



According to the National Defense Authorization Act, section 889, federal agencies and their contractors are prohibited from using video surveillance equipment from certain Chinese companies. If your installation falls into this category, please follow the sub-step below.

Here, you have an option to exclude the drivers for the abovementioned surveillance cameras, thus making the installation NDAA compliant.

In order to exclude the drivers for the non-compliant devices from the installation, expand the Luxriot EVO Server Service node in the list, and enable the *NDAA approved cameras only* option.

Specify which components to install

Configure the components of the installation package:

☒ Server Service

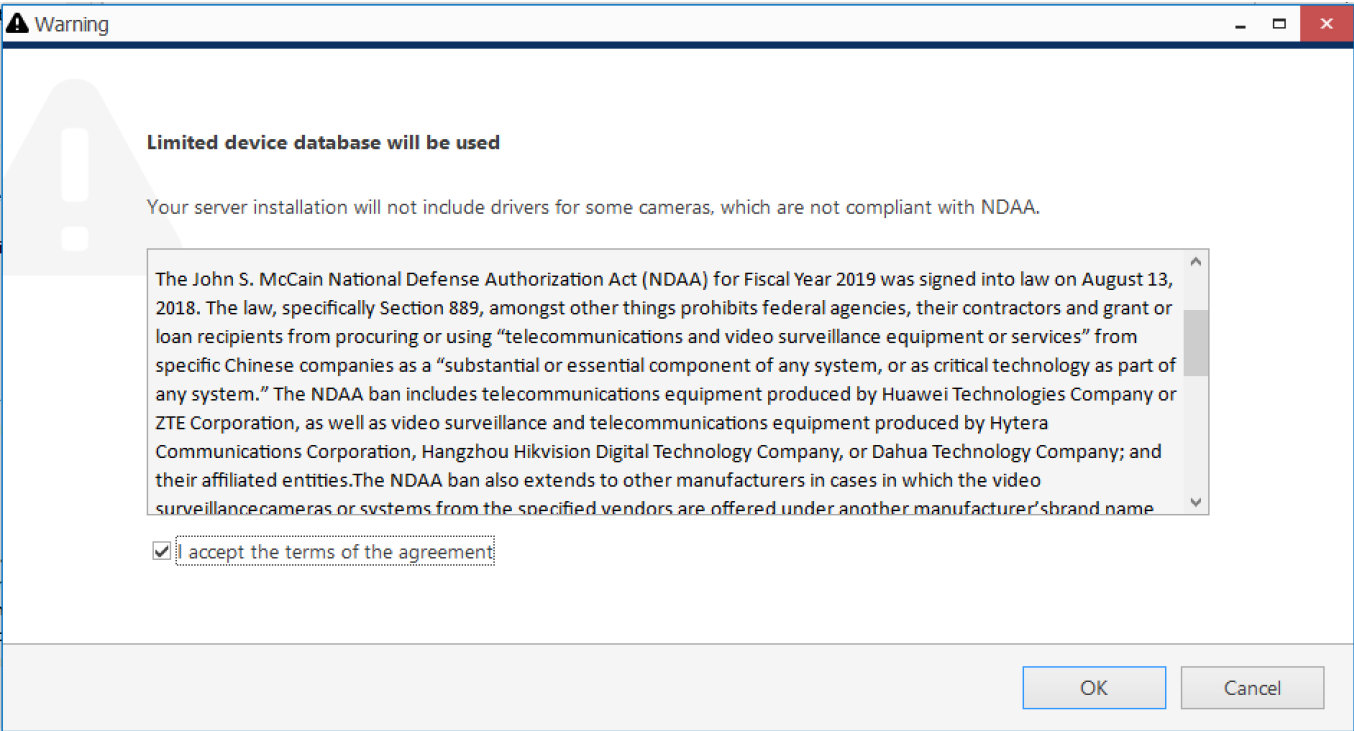
☐ NDAA approved cameras only

☒ Management Console Application

An additional installation option for NDAA compliance (disabled by default).

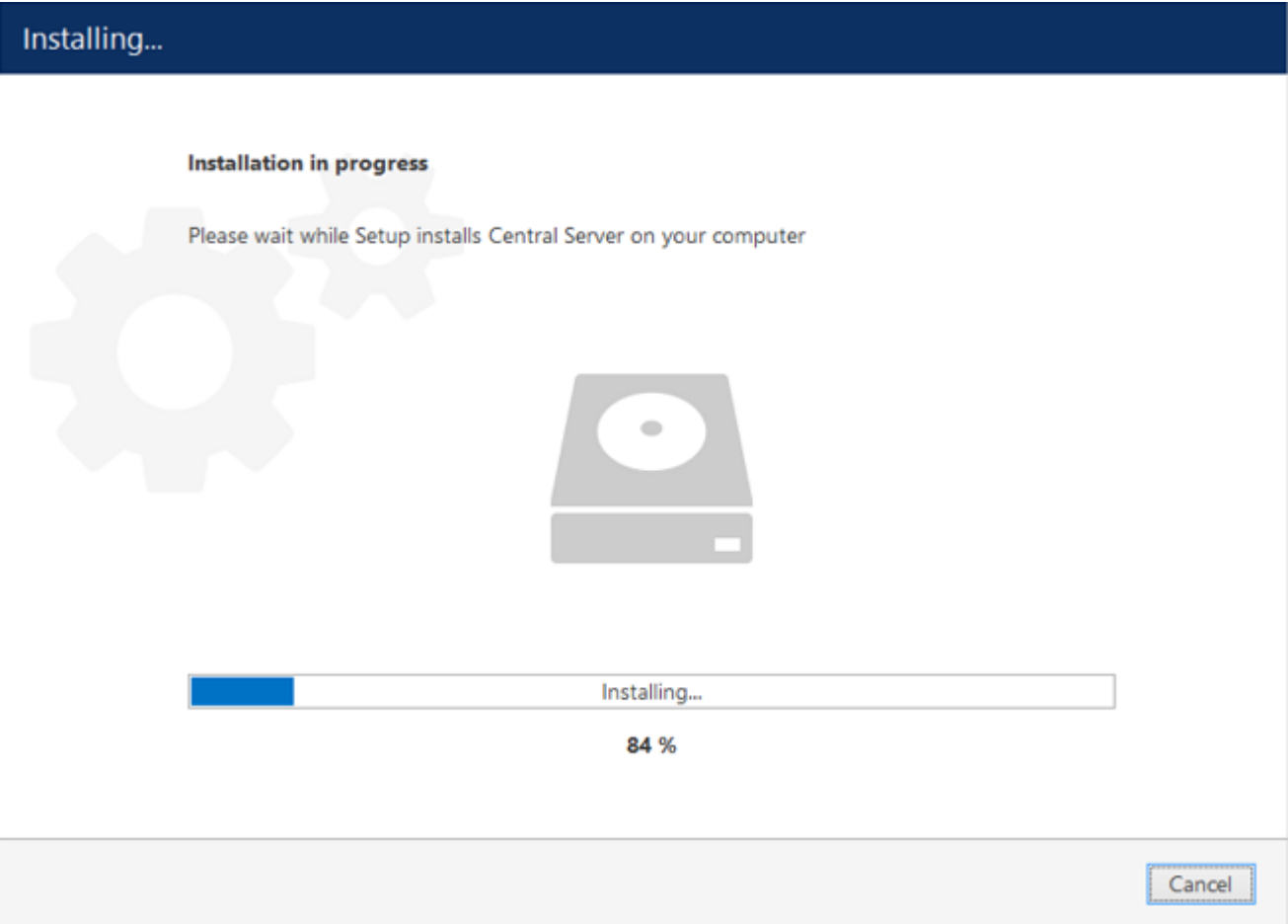
After selecting this option, you will get a more detailed description to read and agree.

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Details about the limited installation package

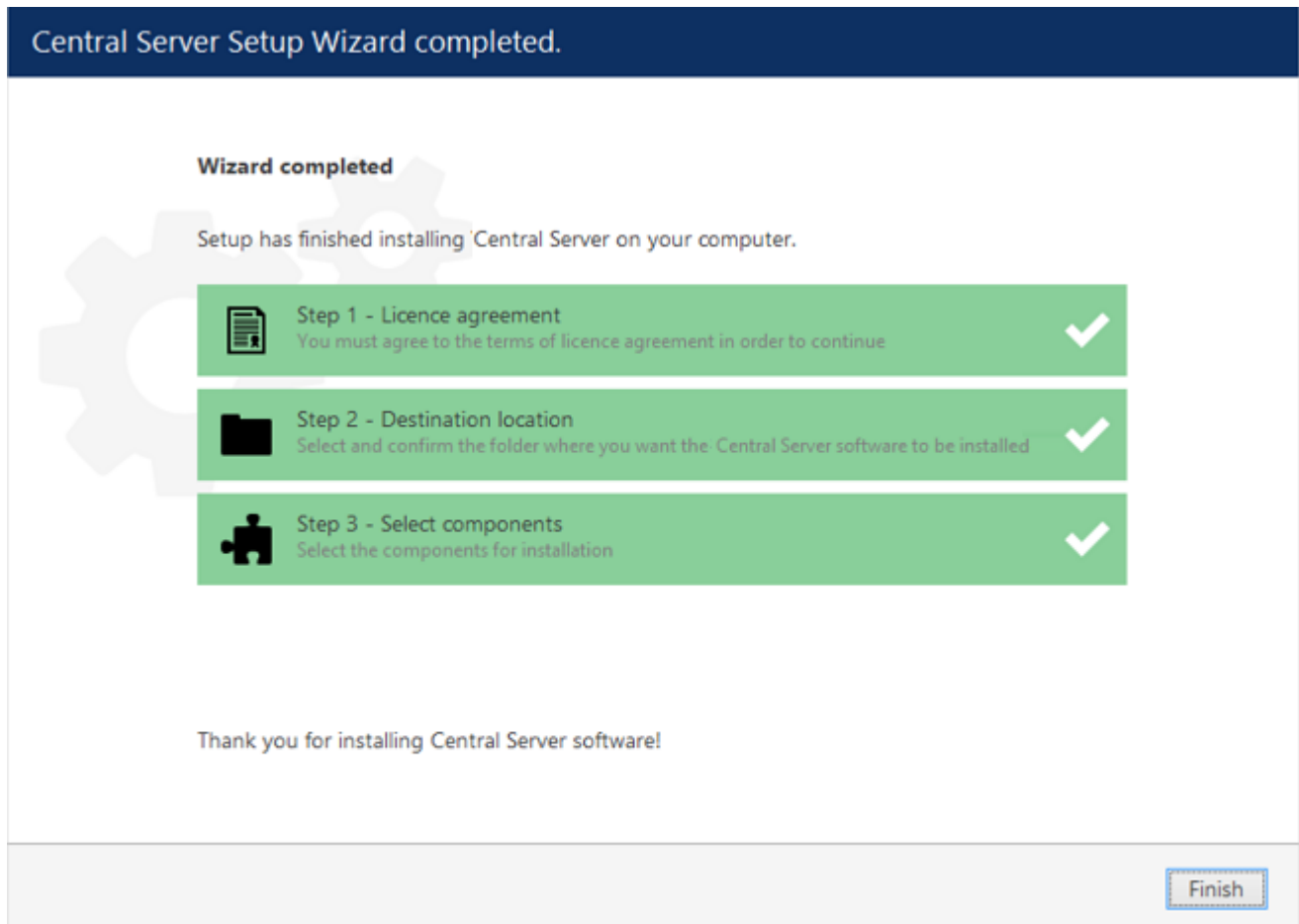
If you are doing an software **upgrade**, the corresponding drivers will be removed. In case your database **uses some of these devices** and therefore contains them already, you will be asked to **cancel the installation** and remove these from the configuration manually first.



Installation Progress

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Upon completion, the setup wizard will show you an installation summary. If all the steps have been fulfilled successfully, simply hit *Finish* to close the wizard.



Installation Complete

After the installation has been completed, there are a few more steps necessary for you to begin using the software:

- apply server initialization settings via Server Setup Wizard - it will pop up automatically after the installation in case you are doing a clean or a new installation
- activate the software - if it is not activated, the wizard will also pop up automatically
- after you run the console for the first time, you will be offered to complete the Setup Wizard to start the deployment, following the recommended configuration steps

All of these steps are described in details in the full version of the Luxriot EVO management manual, which is available right after the installation via your Start menu.

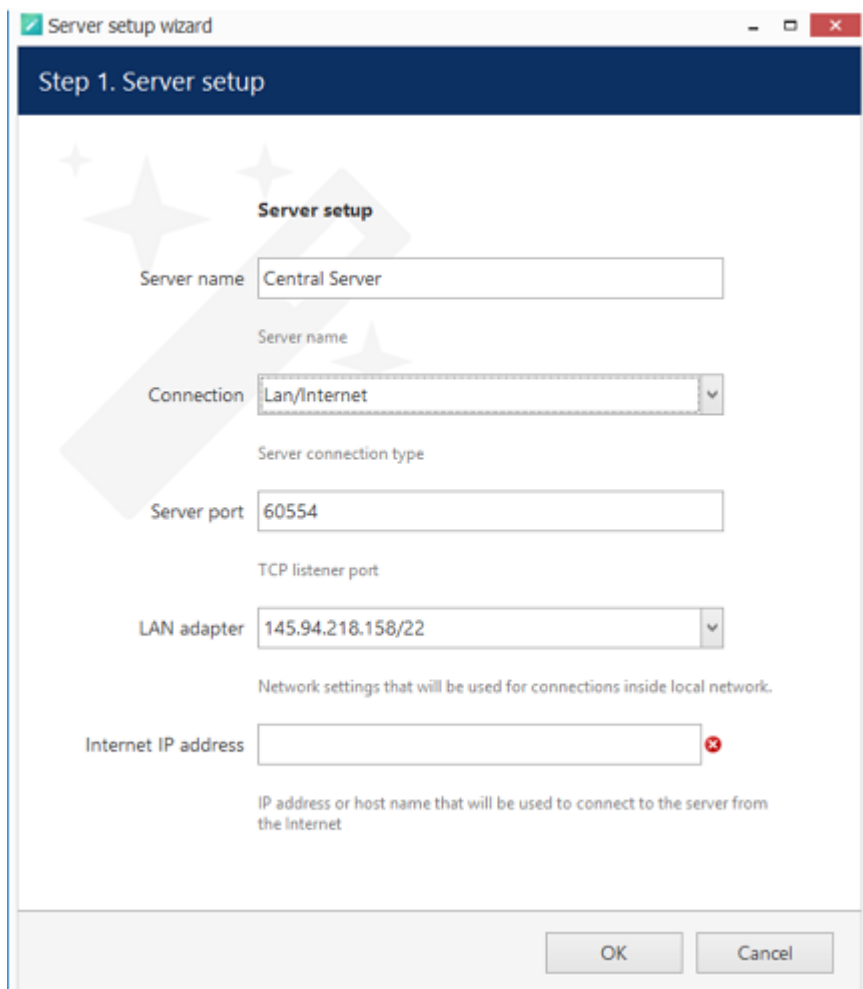
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5 Initialization of Luxriot EVO Global Server

After completing the installation wizard, you will be given the option to enter server setup. These settings can be changed later at any time via [Server Setup Wizard](#).

 You will be unable to connect to the server that has not been initialized, it will return an error (*The server is not configured*).

This step is mandatory; you will be unable to connect to your server and configure it if it has not been initialized. It is necessary to initialize the server even if you are planning to restore its configuration using the [Server Backup and Restore Wizard](#).

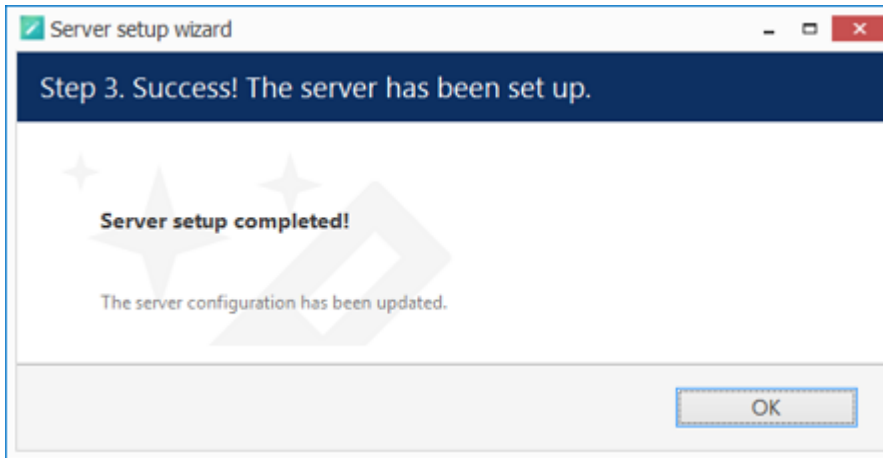


Initial Server Setup

Setting	Description	Default Value
Server name	User defined server title	[depending on the server type]
Connection type	LAN only, LAN/Internet, Internet only	Determined automatically
Server port	TCP port for incoming remote Client connections	60554
Local network	IP subnet for software operation, choose one from the drop-down list. Server will use the local computer IP address.	Configurations are determined and loaded automatically depending on the available network adapters
External IP address	Server public IP address or hostname, if applicable	[empty]

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Note that the port defined here will be used to connect to the central server via local Luxriot EVO Monitor and Luxriot EVO Console connections. You will need to define the external (Internet) port for your Luxriot EVO Global via Luxriot EVO Console in order to be able to connect from remote Luxriot EVO Monitor connections.



Setup Completed

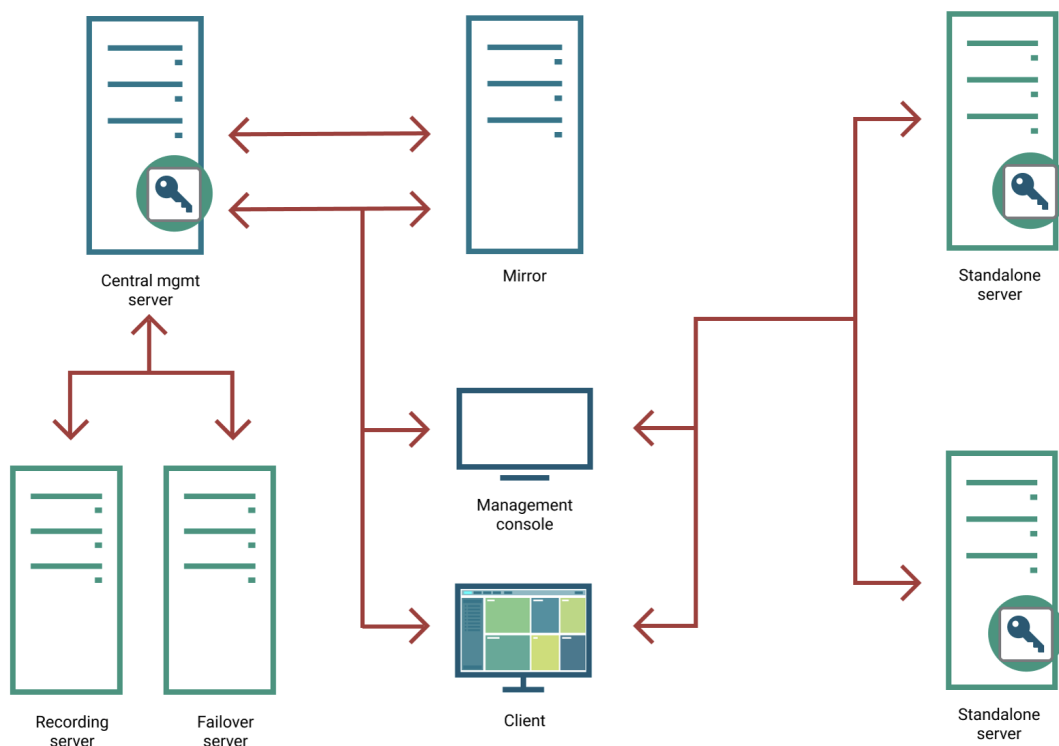
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6 License Activation

In order to use the product, a **valid license** is required - whether this is a trial or a purchased one. Any of these licenses can be activated using this wizard; note that license activation choice will differ depending on the installation package you have selected.

For the standalone server edition, Luxriot EVO S, the license is applied to that specific server. Client applications do not require a license to operate.

For the Luxriot EVO Global system, the license is applied to the Luxriot EVO Global server (central management server) only; Luxriot EVO Recording Server machines do not require a license to operate because they cannot operate independently. Client applications do not require a license to operate.



Ecosystem with two Luxriot EVO S servers and one Luxriot EVO Global: components requiring license are marked with the key icon

Each server only accepts one Luxriot EVO license key, no matter how many and which features it includes. Each Luxriot EVO license key can only be applied on one machine.

License Types

Each license includes a certain number of channels. Traditionally, these are **video channels** (normally, one video source equals to one license), and then there are special channels with **advanced functionality**. Luxriot EVO features (video walls, maps, redundancy, etc.) do not require any additional feature licenses.

License types:

- **video** channels: regular video channels.
- **VA** - embedded video analytics (embedded, generic VA engine)
- specialized VA (embedded, different engine types)
- CrossLink - interactive channels
 - **CrossLink Basic**: interactive web applications (webpages)
 - **CrossLink Advanced**: interactive remote applications (workstations)
- advanced device integrations (Leica, CrossWalk, etc.)

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- **data channels.**

Also, each Luxriot EVO license contains 1 (one) generic video analytics channel free of charge.

Other Luxriot product licenses (for other modules) are not included into Luxriot EVO license and should be purchased separately. For detailed information on Luxriot EVO license options, as well as other software modules and their licensing, please contact our sales via <https://www.luxriot.com/purchase/inquiry-form/>.

The Luxriot EVO server controls the total number of the channels of each type in the system. For Luxriot EVO Global systems, you must apply the license onto the Luxriot EVO Global server (the central management server), and then you are free to allocate and move the channels across the Luxriot EVO Recording Server servers. The Luxriot EVO Global server will keep track of all license channels used throughout the system.

The server tracks the license channels using the following logic:

- [video channels](#): one license channel is used for each channel that is created when you create a device of any model (except for CrossLinks).
- VA: VA licenses are separated from video channel licenses and do not include them. You should purchase VA channels on top of the regular video channels. You are free to enable [VA for any video channel](#), as long as the total number of enabled video analytics does not exceed the VA number in the license.
- [CrossLinks](#):
 - CrossLink Basic: one Basic license channel allows you to create one Webpage or one device of the CrossLink Basic model
 - CrossLink Advanced: one Advanced license channel allows you to create one Webpage or one device of any CrossLink model
- advanced integrations: each special integration (e.g., Leica) channel allows you to create a device of the corresponding type.
- [data channels](#): one data channel license is required to create one [data channel](#). Databases are unlocked automatically (DBs do not operate without a data channel).



The free Luxriot EVO license is not available anymore starting from the software release 1.22.0 for **all software versions**. Enjoy the fully featured [trial version](#) of Luxriot EVO S!

License Activation

Once you have installed the software and entered the server initialization settings, the activation wizard will appear. If it does not, or if you have rebooted the server computer after completing the installation, simply run the **activation manager** in one of the following ways:

- from the Windows Start Menu, under Luxriot folder, or
- by typing *Activation Wizard* in the search field, or
- by right-clicking the server tray icon and selecting *About > Manage license* (server tray icon appears only after you run the Luxriot EVO Server shortcut from your Desktop or Start menu), or
- when connected to localhost via Luxriot EVO Console, go to the main menu > *About > Manage license*.

The license manager will only pop up automatically after the initial installation. If you wish to apply license upgrades at any time, including the after-software-upgrade, run the license manager manually as described above.

It is advisable to run hardware stability tests and finalise the server hardware configuration before applying the license, as subsequent hardware changes may cause activation related issues. Approximately up to 30% of the initial hardware components can be replaced without losing the activation.

Subtopics here describe every type of license activation in details.



Licensing is mandatory for Luxriot EVO S and Luxriot EVO Global software packages. Luxriot EVO Recording Server does not require a license as it is not an independent component but rather operates under a Luxriot EVO Global server only.

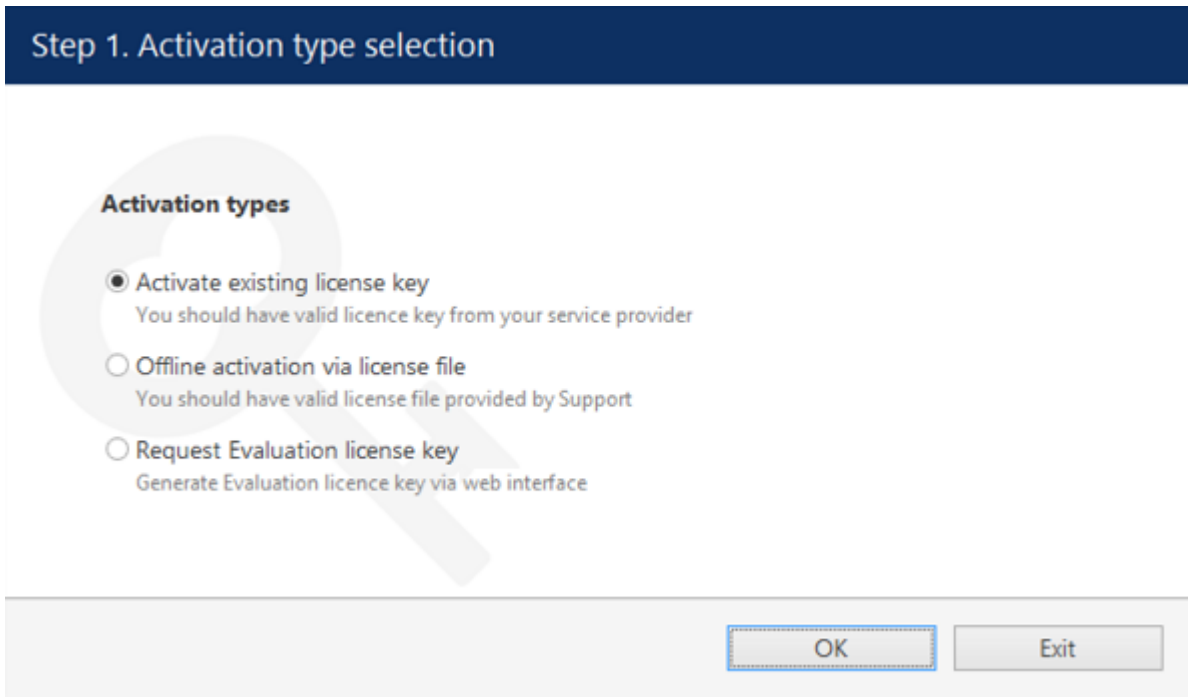


Virtualized environment is supported starting from software version 1.13.0. If you experience any issues with the license activation, kindly contact our support engineers by emailing support@luxriot.com.

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7 Online Activation

If your server has Internet connection available, you can choose online activation mode. The software will automatically connect to the activation server and register your pre-purchased license.



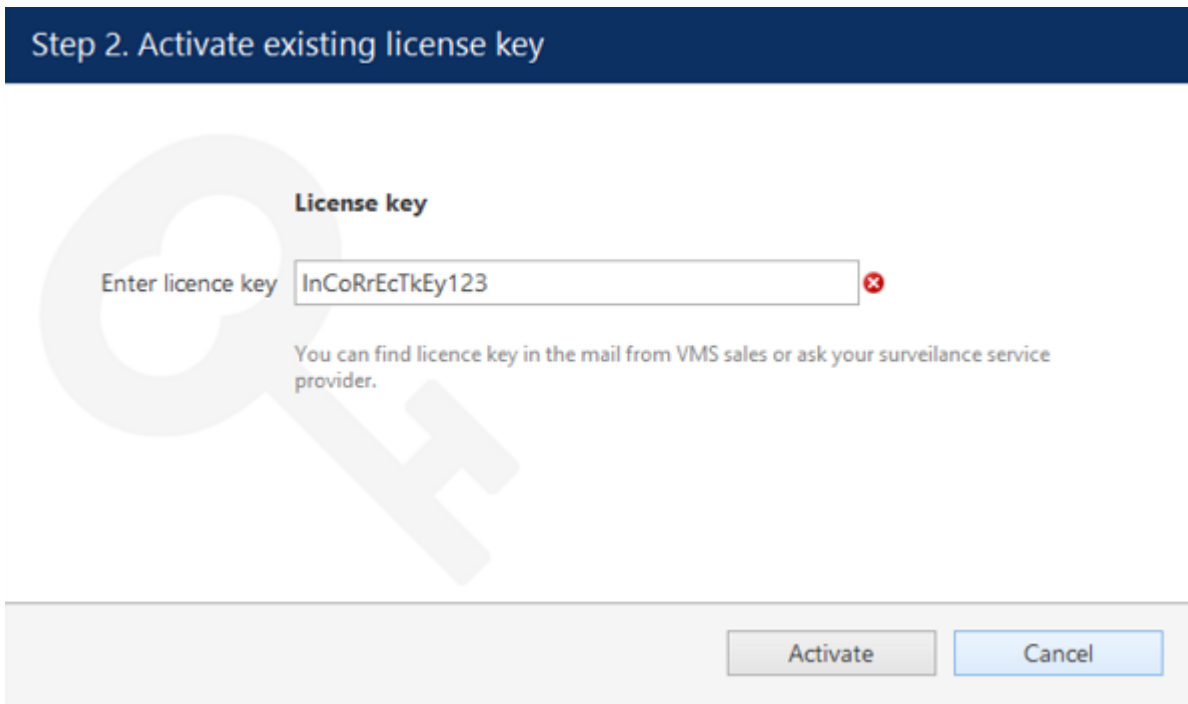
The screenshot shows a dialog box titled "Step 1. Activation type selection". It contains three radio button options under the heading "Activation types":

- ☒ **Activate existing license key**
You should have valid licence key from your service provider
- ☐ **Offline activation via license file**
You should have valid license file provided by Support
- ☐ **Request Evaluation license key**
Generate Evaluation licence key via web interface

At the bottom right, there are two buttons: "OK" and "Exit".

Activation Type Selection

Enter your product license key and hit *Activate*. If your key is incorrect, the wizard will notify you with a red *X* sign next to the key field: if this happens, double-check the key you have typed, looking out for mistyped characters and superfluous spaces at the start or end.



The screenshot shows a dialog box titled "Step 2. Activate existing license key". It features a text input field labeled "Enter licence key" with the text "InCoRrEcTkEy123" entered. A red "X" icon is visible to the right of the input field, indicating an error. Below the input field, there is a note: "You can find licence key in the mail from VMS sales or ask your surveillance service provider." At the bottom right, there are two buttons: "Activate" and "Cancel".

Enter License Key

When you have entered a valid license key, the wizard will activate your software. If you have decided to go with a different activation option, click *Cancel* to return to the activation type selection step.

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8 Offline Activation

If there is no Internet connection for security reasons and/or server disposition particularities, choose the *Offline Activation* type.

Step 1. Activation type selection

Activation types
☐ Activate existing license key
You should have valid licence key from your service provider
☒ Offline activation via license file
You should have valid license file provided by Support
☐ Request Evaluation license key
Generate Evaluation licence key via web interface

OKExit

Activation Type Selection

This mode consists of three steps:

- generate the activation file on the target server
- go to the online activation system at <http://www.luxriot.com/purchase/software-activation/> and fill in the form
- apply provided license file to your system

Step 2. Activate existing license

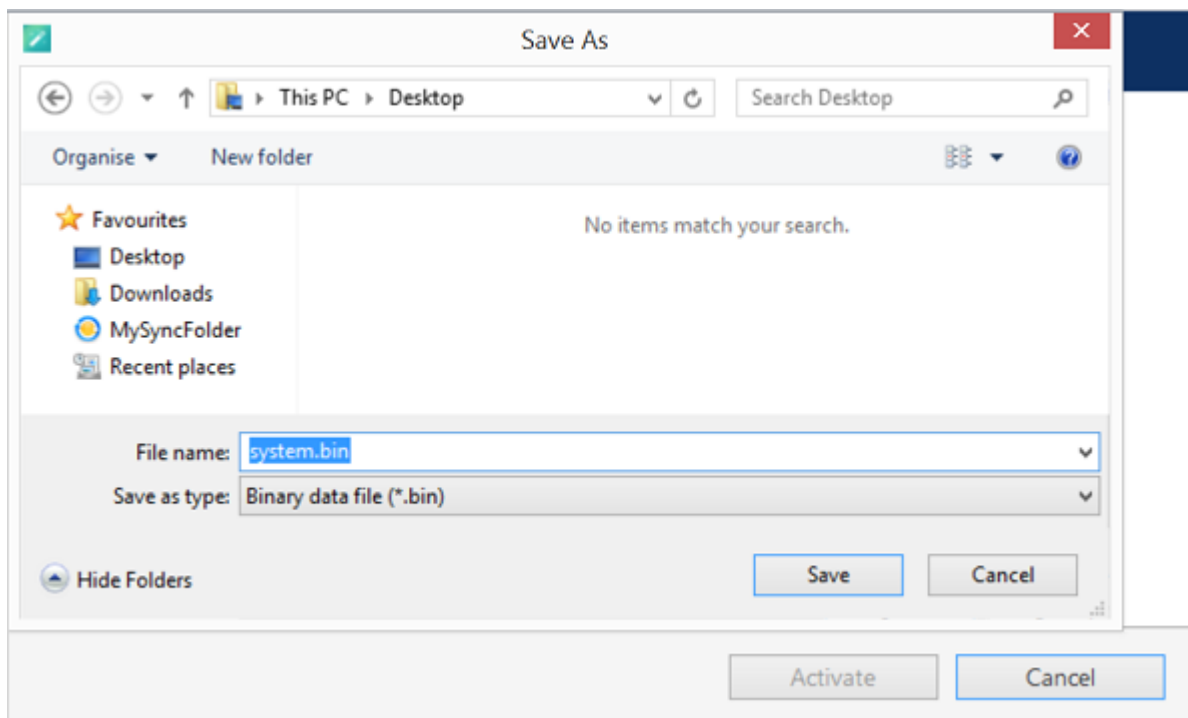
License file
System activation file Generate...
Fill activation form online
upload generated file and get signed license file.
Specify license file Browse...
Locate signed license file to finish activation

ActivateCancel

Offline Activation Steps

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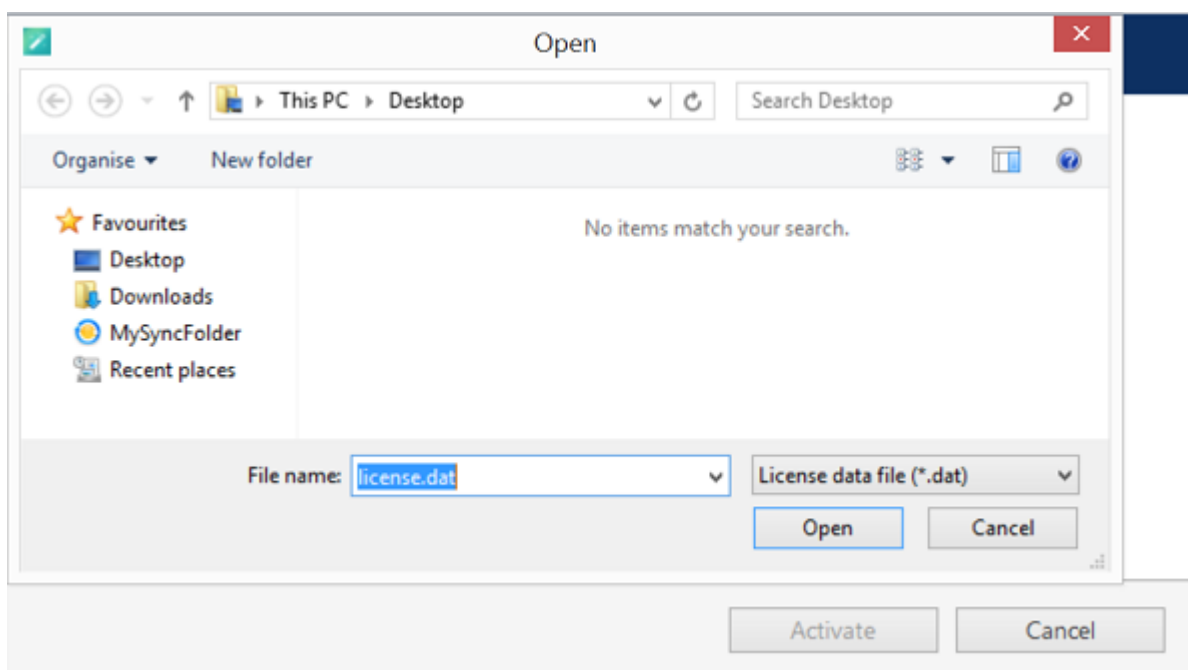
Click *Generate* to create the activation file; choose a location and save it. The default file name is *system.bin* and we do not recommend changing it.



Save Activation File

Next, copy this binary file to any other computer that has Internet access, then go to the online form available at <http://www.luxriot.com/purchase/software-activation/>, fill in the required fields and upload the file. The activation system will process your file and allow you to download a license file. This license file will be unique and will only be valid on the same machine from which the original *system.bin* file comes.

You can close the activation wizard after creating the activation file and reopen it later to apply the license file. Click *Browse* to locate it and open the *license.dat* file provided by the activation system.



Browse for License File

The validated *license.dat* file will be loaded, allowing you to finish the registration process.

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Step 2. Activate existing license

License file

System activation file

Fill activation form online
upload generated file and get signed license file.

Specify license file *license.dat*

Locate signed license file to finish activation

Load the License File

Click *Activate* to apply the license file. If the license is valid, you will see an activation success confirmation with the following details:

- product type
- license key
- license key expiration date, if applicable
- support subscription expiration date
- allowed channel amount

The license information will be stored on your server. However, you may wish to save a snapshot of this screen for your future reference, so that this information will be accessible in case of server OS or hardware failure.

Finally, click *Done* to exit the activation wizard or click *Start Quick Setup Wizard* to proceed with server configuration.

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9 Recording Server Installation

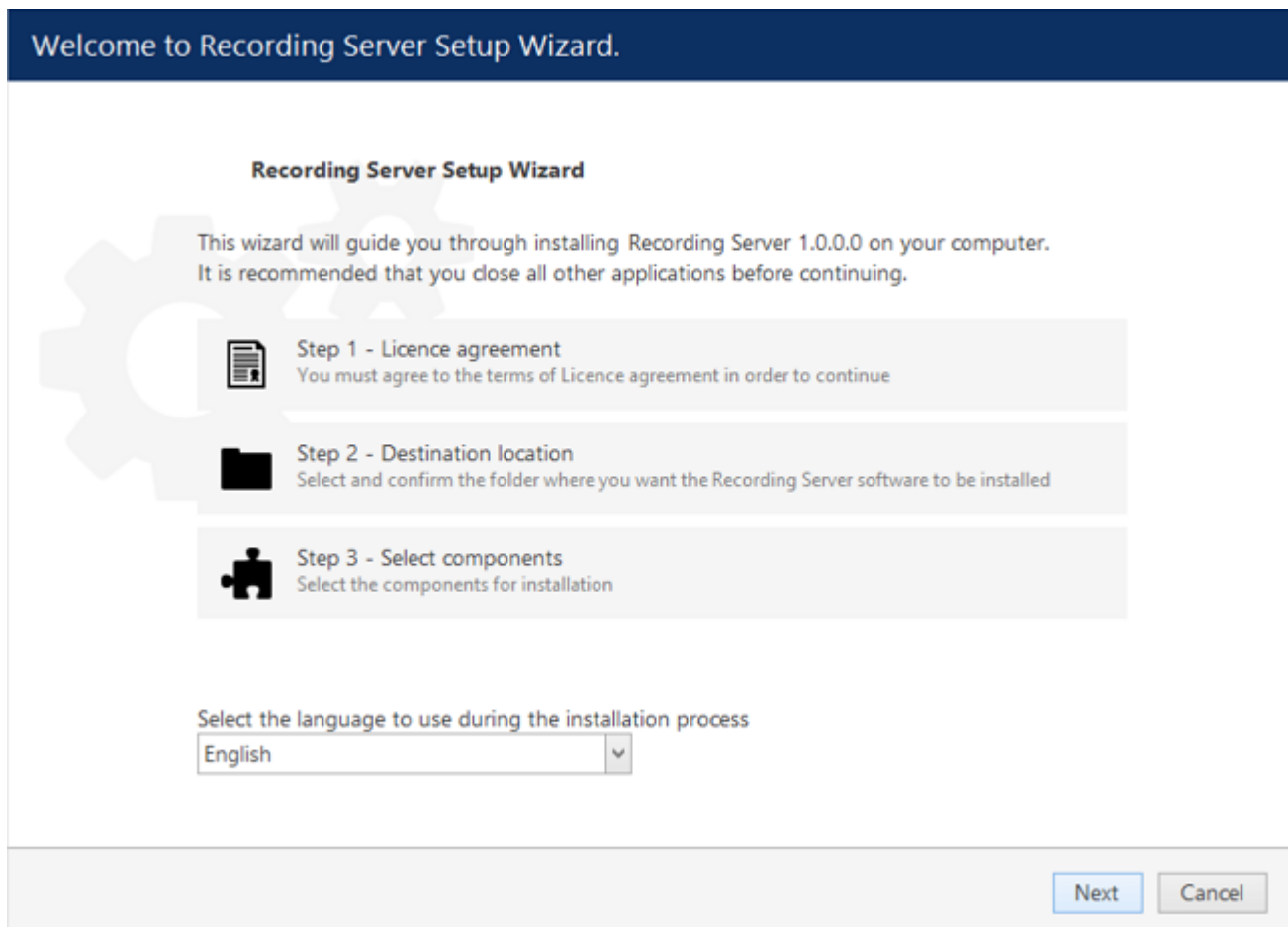
Recording server is a part of distributed Luxriot EVO Global installation; its main purpose is video recording. Recording server installations can also be assigned other roles - failover node (standby recording server), mirror (central server redundancy), or replication server (a particular case of the recording server). In other words, for every server in the Luxriot EVO Global system, except for the central management server itself, you need to use the Luxriot EVO Recording Server installation file. Luxriot EVO Recording Server server management is carried out via central server Luxriot EVO Console.

Installation

Start installation by double-clicking the Luxriot EVO Recording Server executable package file. Setup wizard will guide you through the installation process, providing available installation-time options depending on the chosen software package. Note that you may have to confirm and/or provide administrative credentials, depending on your Windows UAC configuration.

It is strongly recommended that you stop all running third-party applications, antivirus scanning and Windows (and other) updates during this phase, as these may interfere with the process and result in corrupt installation, which causes unexpected behavior and hard-to-track issues during further software operation.

Installation wizard presents the process overview; also, you are welcome to select the installation language here. You will be prompted for Luxriot EVO Recording Server interface language later.



Luxriot EVO Recording Server Setup Wizard

Step 1

Carefully read the Luxriot license agreement: you must agree to all parts of the given document in order to proceed. If you agree, select *I agree...* in order to continue; otherwise, terminate software installation. If you have any questions regarding the contents of the present license agreement, please contact support@luxriot.com.

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Step 1 of 3 - Licence agreement

Recording Server Licence Agreement

Please read the following Licence agreement. You must accept the terms of this agreement before you can continue with the installation.

Upon expiration or termination of this Agreement for any reason, this License shall terminate and any user accessing the Software shall immediately cease to use or have access and support for it. **If you breach any provision of this Agreement, including by making any unauthorized copy of the Software or by failing to comply with any prohibition set forth in this Agreement, the License shall immediately terminate automatically.**

1.2. Update Policy. Any Software license purchased, whether for a Previous Version or a New Version, will not include, and you shall not be entitled to, any free Software updates.

☒ I accept the terms of the agreement

Previous

Next

Cancel

License Agreement

Step 2

Select the destination folder you want the software to be installed in. By default, Luxriot EVO Recording Server is installed in:

32-bit: *C:\Program Files (x86)\Luxriot\Luxriot EVO Recording Server*

64-bit: *C:\Program Files\Luxriot\Luxriot EVO Recording Server*

If you are re-installing Luxriot EVO Recording Server and have previously selected a non-default location, make sure to select the same destination directory, or, alternatively, completely uninstall previous Luxriot EVO Recording Server version. If unsure about this, ask for Luxriot technical support team assistance.

Setup wizards estimates required disk space for you. Make sure you have enough free space on the target disk. Note that low system disk space will dramatically decrease system performance and affect overall system stability.

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Step 2 of 3 - Destination location

Select and confirm the folder where you want the Recording Server software to be installed

Where do you want Recording Server to be installed?

Setup will install Recording Server in the following folder. Click browse to select a different folder.

Installation requires at least 419.51 MB of disk space.

Installation Directory

Step 3

Some components are optional and can be chosen not to be installed. you can choose not to install them. The main Luxriot EVO Recording Server part - recording server service - is obligatory and cannot be deselected (by default, these options are selected and grayed out).

If not checked at this stage, Luxriot EVO Monitor and Luxriot EVO Console can be installed later separately.

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Step 3 of 3 - Select components

Specify which components to install

Configure the components of the installation package:

☒ Recording Server Server Service (390.90 MB)

☒ Recording Server Management Application (3.82 MB)

☒ Recording Server Client Application (1.39 MB)

Select the language to use in the user interface

English

At least 424.72 MB of free space is required.

Previous

Next

Cancel

Select Software Components

If you are ready to proceed, hit *Next* to begin the installation. Depending on selected components and host system condition, the process may take some time to complete, so please be patient.

Important notice for US users!

 According to the National Defense Authorization Act, section 889, federal agencies and their contractors are prohibited from using video surveillance equipment from certain Chinese companies. If your installation falls into this category, please follow the sub-step below.

Here, you have an option to exclude the drivers for the abovementioned surveillance cameras, thus making the installation NDAA compliant.

In order to exclude the drivers for the non-compliant devices from the installation, expand the Luxriot EVO Server Service node in the list, and enable the *NDAA approved cameras only* option.

Specify which components to install

Configure the components of the installation package:

☒ Server Service

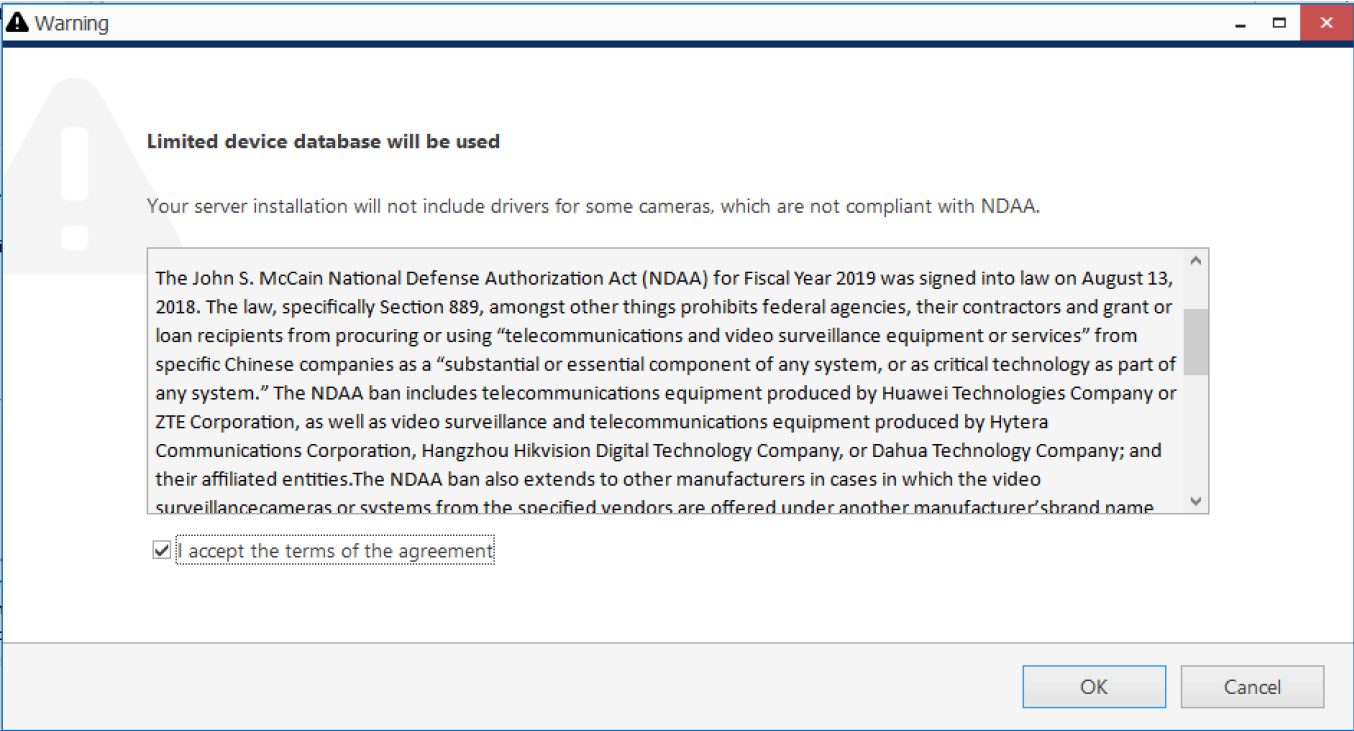
☐ NDAA approved cameras only

☒ Management Console Application

An additional installation option for NDAA compliance (disabled by default).

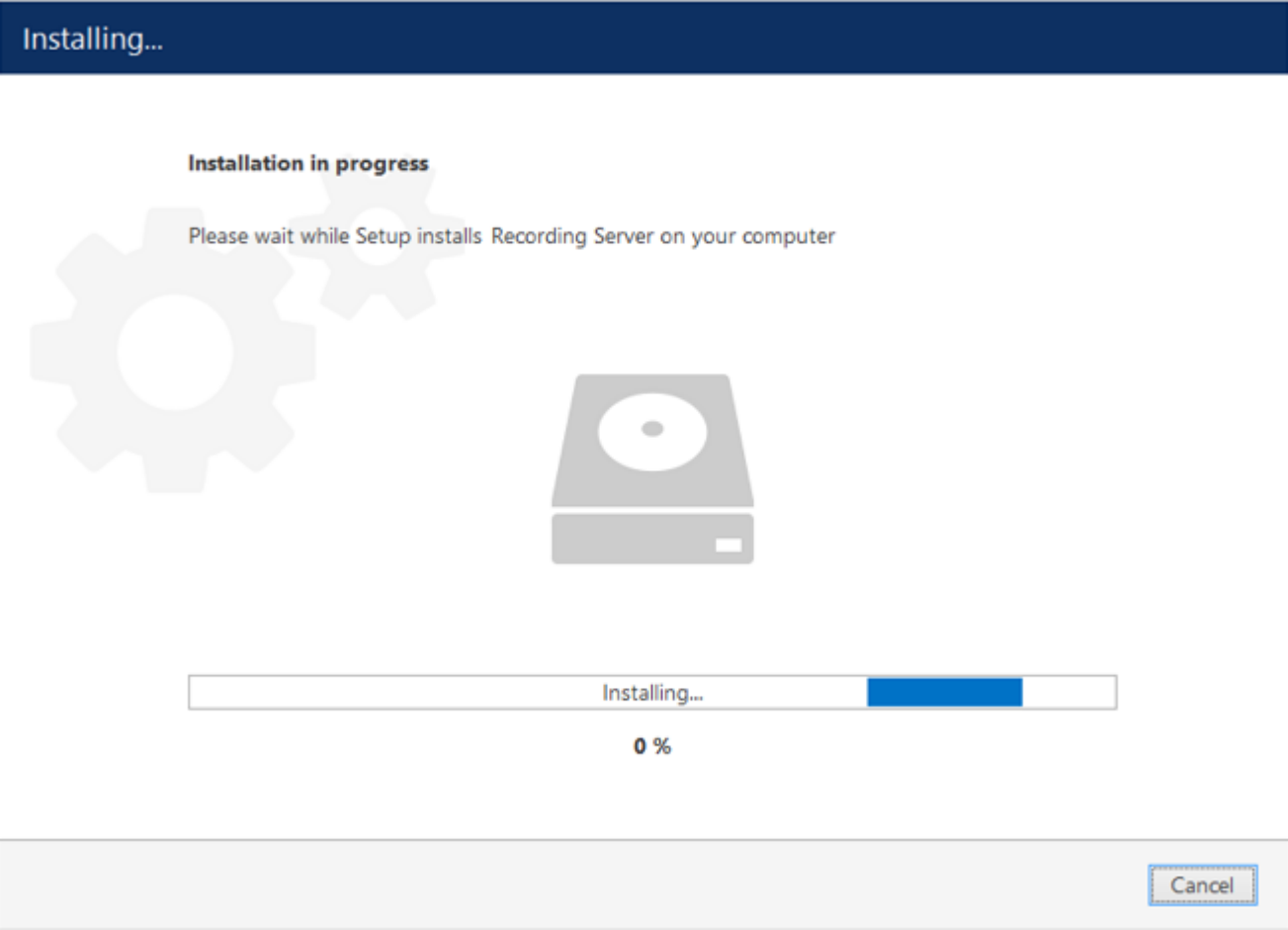
After selecting this option, you will get a more detailed description to read and agree.

Luxriot EVO Global Installation Guide



Details about the limited installation package

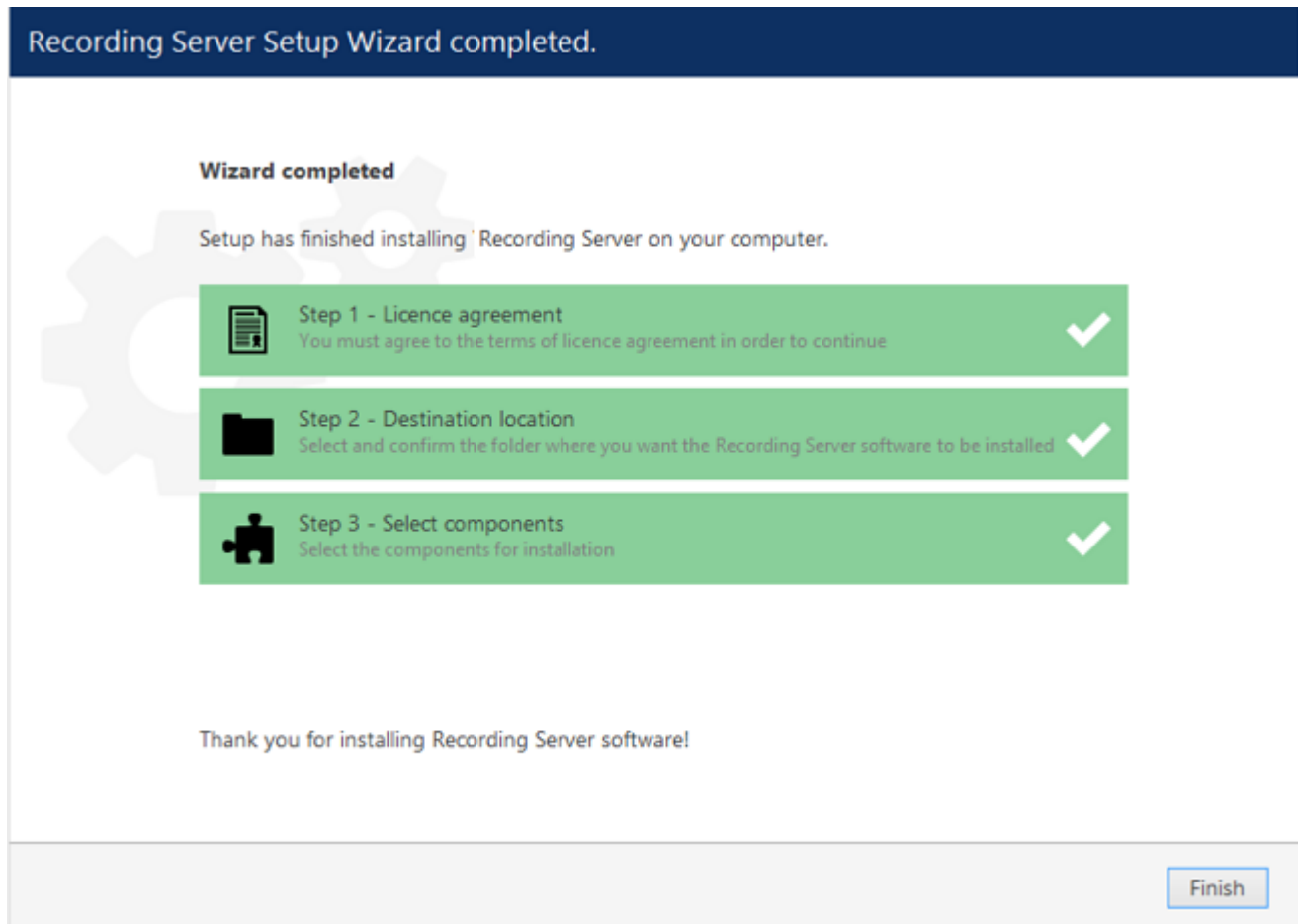
If you are doing an software **upgrade**, the corresponding drivers will be removed. In case your database **uses some of these devices** and therefore contains them already, you will be asked to **cancel the installation** and remove these from the configuration manually first.



Luxriot EVO Global Installation Guide

Installation Progress

Upon completion, the setup wizard will show you installation summary. If all the steps have been fulfilled successfully, simply hit *Finish* to close the wizard.



Installation Complete

After the installation, Luxriot EVO Recording Server initialization setup wizard will automatically pop up: please wait for it to appear and then apply the offered settings in order to complete the Luxriot EVO Recording Server deployment.

If you have removed a Luxriot EVO Recording Server from the Luxriot EVO Global configuration and have issues finding it again either from the same Luxriot EVO Global server or from another one, the following procedure is foreseen: run the Luxriot EVO Recording Server upgrade (to the same or a newer version) and reset its configuration at the initialization step. Then, proceed with Luxriot EVO Recording Server autodiscovery from your central management server.

Luxriot EVO Global Installation Guide

Step 1. Server setup

Server setup

Server port

60555

TCP listener port

☐ Reset configuration

Existing configuration will be backed up and deleted. The server will be initialized with empty configuration.

OK

Cancel

Reset Luxriot EVO Recording Server configuration after upgrade

Luxriot EVO Global Installation Guide

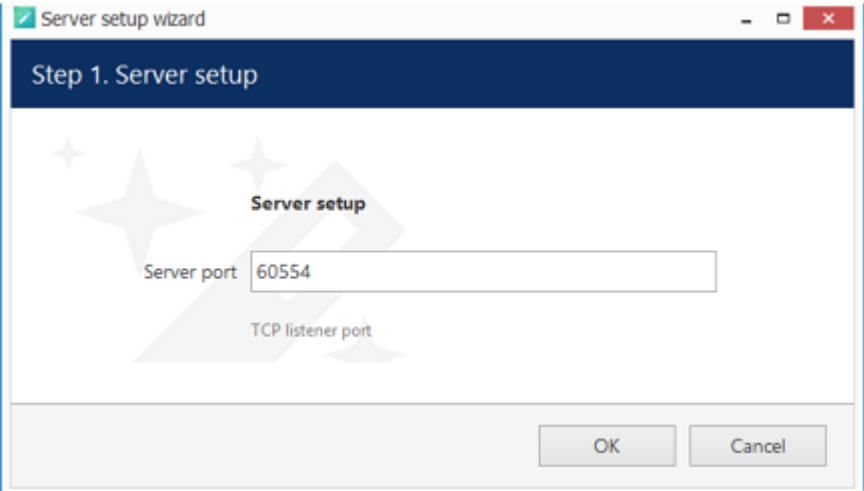
10 Recording Server Initialization

After completing the installation wizard, you will be given the option to enter initial server setup: server initialization is required for the central server to be able to connect and apply settings to the target recording server.

The settings selected during server setup can be changed later at any time using the [Server Setup Wizard](#) tool, which is installed together with the Luxriot EVO Recording Server and can be found via *Start -> All Apps (All Programs in Windows 7) -> Luxriot -> Server Setup Wizard*.



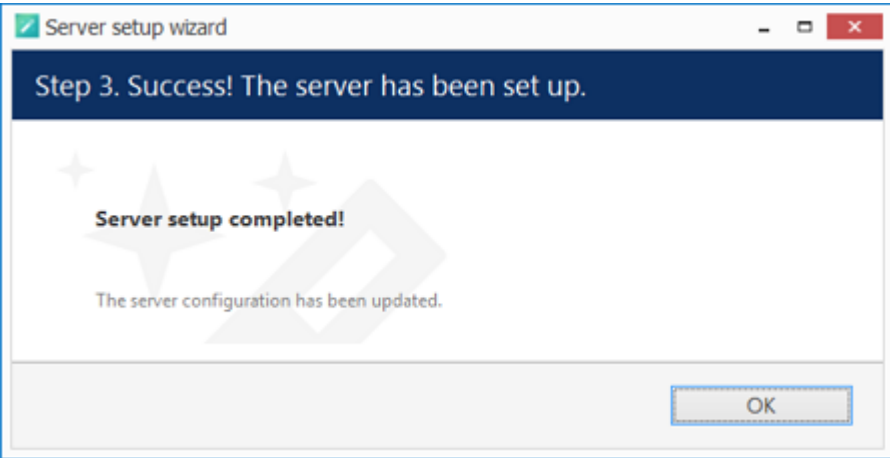
Luxriot EVO Recording Server local port can be only changed by running the *Server Setup Wizard* tool locally on the Luxriot EVO Recording Server machine. By changing the Luxriot EVO Recording Server port via Luxriot EVO Console you simply tell the central server what port should be used to connect to the Luxriot EVO Recording Server.



Set Server TCP/IP Properties

Setting	Description	Default Value
Server port	TCP port for incoming central server connections	60554

Note that the port defined here will be used for Luxriot EVO Recording Server automatic discovery from the central server, and also to retrieve Luxriot EVO Recording Server data for local Luxriot EVO Monitor connections. You will need to define the external (Internet) port for each Luxriot EVO Recording Server via Luxriot EVO Console in order to be able to receive video streams from remote Luxriot EVO Monitor connections. Further information can be found in the [Connections](#) section of the manual.



Setup Completed

Luxriot EVO Global Installation Guide

11 Management Application Installation

All server configuration is conducted through a dedicated interface - the Luxriot EVO Console management application. The management interface has been intentionally separated from the Luxriot EVO Monitor application in order to concentrate all administrative utilities in one place and also to conceal the unnecessary menus from the Luxriot EVO Monitor operator.

The Luxriot EVO Console central server management application can be installed either locally on one of the servers, or remotely, on a dedicated server management machine.

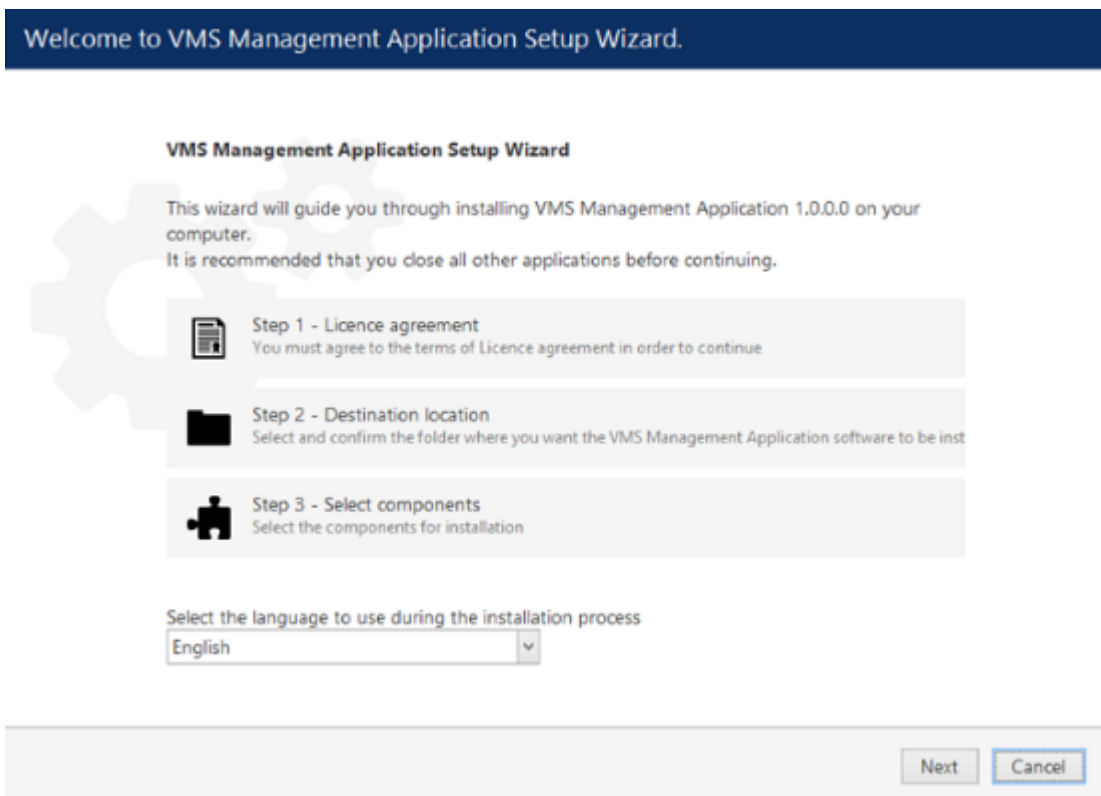
If you want to install Luxriot EVO Console **together with Luxriot EVO server**, run the **same** installation **package** and select Luxriot EVO Console among **components**.

For **dedicated** Luxriot EVO Console installation on a separate management machine (admin laptop, etc.), use the Luxriot EVO Console installation package and follow the steps below.

Dedicated Installation

Start the installation by double-clicking on the Luxriot EVO Console executable package file. The setup wizard will guide you through the installation process, providing available installation-time options depending on the chosen software package.

Installation wizard shows you the process overview; also, you also have the opportunity to select the installation language here. You will be prompted to select Luxriot EVO interface language later.



Luxriot EVO Console Setup Wizard

Carefully read the Luxriot license agreement: you must agree to all parts of the given document in order to proceed. Select *I agree...* in order to continue, if you do; otherwise, terminate software installation. If you have questions regarding the contents of this license agreement, you can contact support@luxriot.com.

Luxriot EVO Global Installation Guide

Step 1 of 3 - Licence agreement

VMS Management Application Licence Agreement

Please read the following Licence agreement. You must accept the terms of this agreement before you can continue with the installation.

1.1. Additional License Restrictions. Except as specifically permitted by this Agreement, Licensee shall not:

- 1.1.1. Copy (except as permitted by applicable law or as provided in this Agreement), sell, modify, translate, transfer, reverse engineer, decompile or disassemble the Software;
- 1.1.2. Remove any Software proprietary notice, label or mark, whether in machine language or human-readable form;
- 1.1.3. Transmit or distribute the Software to any person outside Licensee's internal business organization(s) (for the sake of clarity, in no event may this Agreement, including the License

☒ I accept the terms of the agreement

Previous

Next

Cancel

License agreement

Select destination folder for Luxriot EVO Console to be installed in.

Step 2 of 3 - Destination location

Select and confirm the folder where you want the VMS Management Application software to be installed

Where do you want VMS Management Application to be installed?

Setup will install VMS Management Application in the following folder. Click browse to select a different folder.

C:\Program Files (x86)\VMS\VMS Management Application

Browse...

Installation requires at least 332.43 MB of disk space.

Previous

Next

Cancel

Installation directory

The setup wizards will estimate the amount of disk space required for the installation. Make sure you have enough free space on the target disk. Note that low system disk space will dramatically decrease system performance and affect overall system stability.

Along with Luxriot EVO Console, this installation package also allows you to have Luxriot EVO Monitor application installed at the same time. If you do not wish to install Luxriot EVO Monitor at the moment, simply uncheck it in the components list.

Luxriot EVO Global Installation Guide

Step 3 of 3 - Select components



Specify which components to install

Configure the components of the installation package:

- ☒ VMS Management Application Management Application (303.82 MB)
- ☒ VMS Management Application Client Application (1.39 MB)

Select the language to use in the user interface

English ▼

At least 333.82 MB of free space is required.

Previous **Next** Cancel

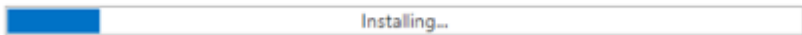
Select software components

If you are ready to proceed, hit *Next* to begin the installation. Depending on selected components and host system condition, the process may take some time to complete, so please be patient.

Installing...

Installation in progress

Please wait while Setup installs VMS Management Application on your computer



Installing...

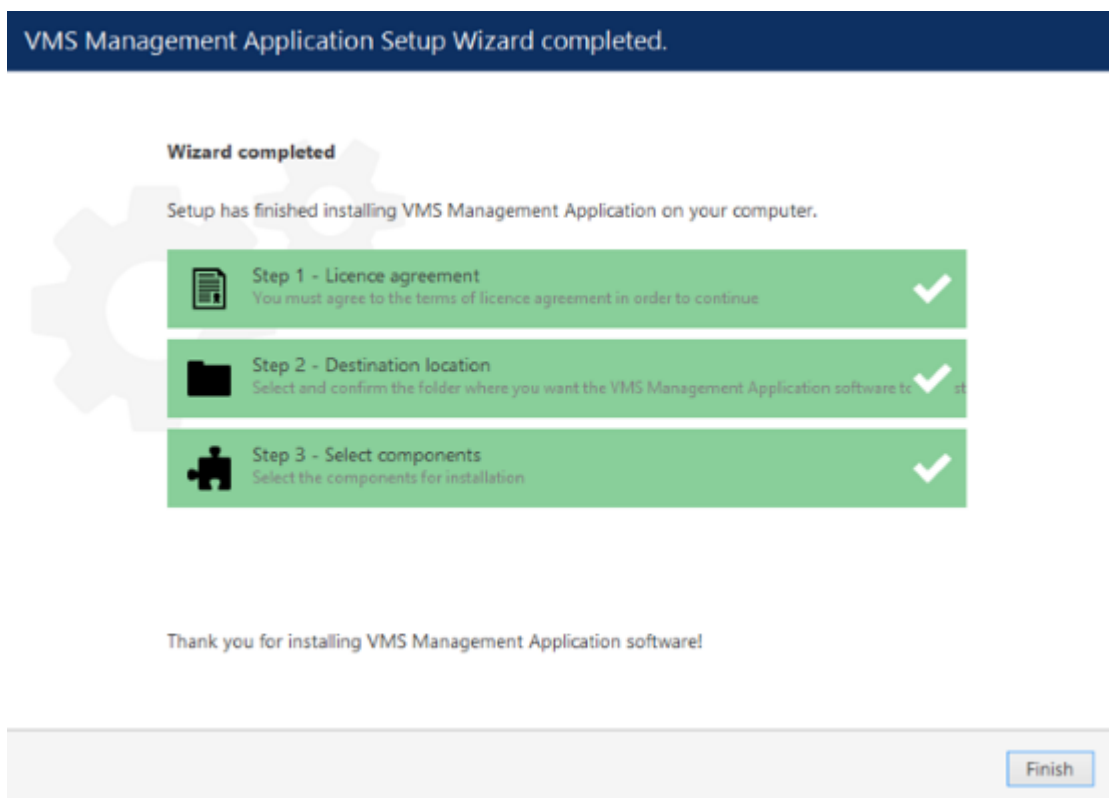
49 %

Cancel

Installation progress

Upon completion, the setup wizard will show you an installation summary. If all the steps have been fulfilled successfully, simply hit *Finish* to close the wizard.

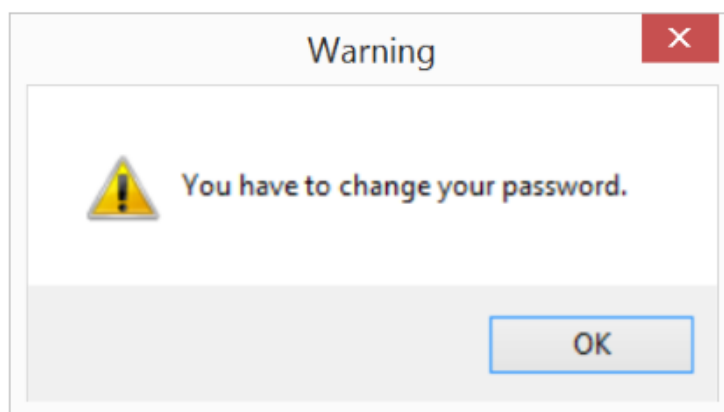
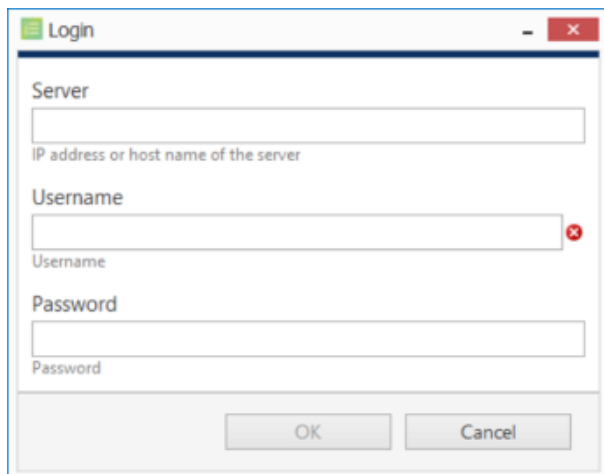
Luxriot EVO Global Installation Guide



Installation complete

After completing the Luxriot EVO Console installation, you will be given the option to enter the settings of server you wish to connect to. You can skip this step if you wish to configure your Luxriot EVO Global server later; you will be asked for the same information next time you run Luxriot EVO Console.

To log in, simply enter your server's local or remote address (IP or host name) and user information. Note that users must have corresponding permissions in order to connect. Default username and password are **admin/[empty]**.



Luxriot EVO Console login window and a password change reminder

After logging in for the first time with the default username and password, you will be reminded to change your password. For security reasons, we strongly recommend that you do so.

Luxriot EVO Global Installation Guide

12 Software Update and Uninstall

This topic provides guidelines on the installation management use cases.

We recommend that you keep the software version up to date, as new versions include new features, various improvements and optimizations, as well as the latest bug fixes.

 We strongly advise that you keep the software versions (e.g., 1.x.x) and subversions (e.g., 1.2.x) across your system match exactly. Software build numbers (e.g., 1.2.0.xxxxx) may differ slightly in case you are using 64-bit and 32-bit editions.

 Before starting the upgrade/uninstall procedure, ensure that all Luxriot EVO processes have been terminated and that Luxriot EVO files are not in use: this is necessary in order to upgrade all files to the newer versions. This includes any Luxriot EVO processes or related applications that are running, and also any third-party applications that have access to Luxriot EVO files, e.g., antivirus scanners, third-party integrations, etc. Luxriot EVO processes can be found via Task Manager: these start with VMS, e.g., *VMSServer.exe*.

If the processes are not stopped, or if other applications are still interfering with the process, you may be asked for a **reboot**: in that case, please restart your server machine afterwards to complete the action. This will not affect the overall process quality.

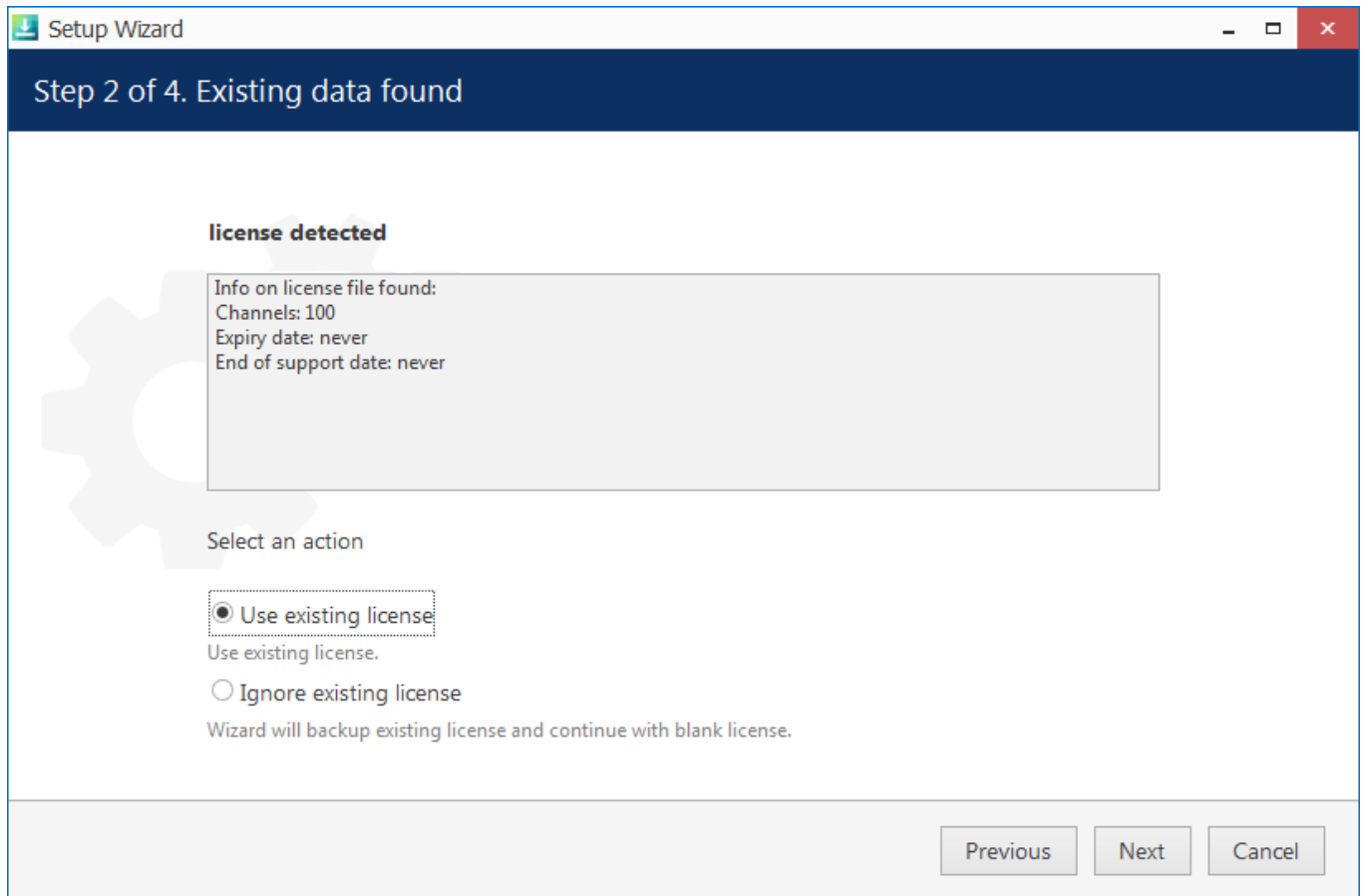
Upgrade Software

This section describes manual software update (newer version installation on top of the older one) by running the installation **locally**. For [remote upgrades](#), see the [corresponding section](#) of this document.

Before starting the software upgrade:

1. Make sure there are no other running installations and that the operating system is not in the middle of installing updates. If Windows updates are pending, apply them, then restart the computer (if required), and start the Luxriot EVO upgrade.
2. Verify that the operating system is stable and is running normally (check system logs, overall health) - these must be no "blue screens", unexpected shutdowns, slowdowns etc. (Normally, we recommend that you regularly run such system checkups, not only before upgrade).
3. Ensure stable power and connectivity (the latter is essential if you are connected via RDP).
4. See if there are any special requirements or recommendations from Luxriot regarding the target version. Usually, these are either mentioned on the download page, or provided alongside the download links in case the new version was recommended and sent by our engineers.
5. Check your software license subscription, and renew it, if necessary: the subscription must not run out before the target version release date. You can check the software release date by right-clicking the installation file > *Properties* > *Digital signatures* > see timestamp. The license information is available via license manager, *Luxriot EVO Activation Wizard*.

Luxriot EVO Global Installation Guide

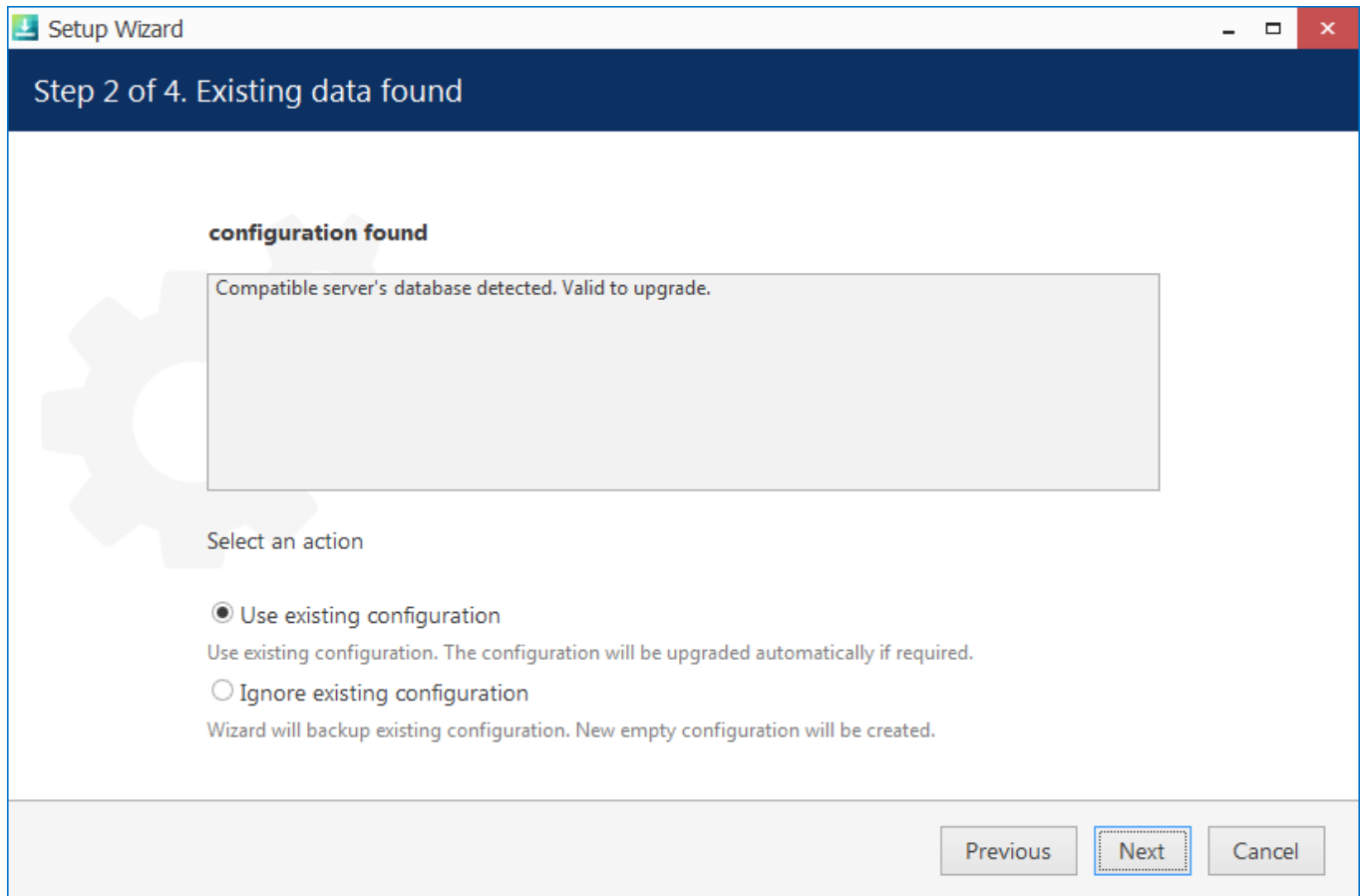


Choose license preference for the upgrade

If you launch a newer version installation package of the same kind as the already installed Luxriot EVO edition, you will be given the option to **upgrade** the product. It is not possible to install another type of package on top of the existing one, e.g., Luxriot EVO Recording Server on top of Luxriot EVO S: if you wish to change the server type, uninstall the old software package first.

Press *Next* to go through the steps and complete the wizard, which is very much alike the installation wizard. At each step, read all the information displayed and press *Next* until finished.

Luxriot EVO Global Installation Guide



Use existing database configuration

If you want a clean installation, choose to ignore the existing **configuration**: the current database will not be used and will be replaced with an empty one, as if you were installing the software from scratch. Otherwise, leave the wizard to use the existing configuration. In either case, the old database is not actually removed but is saved as a backup, so you will be able to load it anytime later via [Backup and Restore Wizard](#).

In case the installation wizard detects your **license subscription** has run out, you will get a **warning** about license compatibility. By default, the initial subscription will allow for version upgrades during 2 years, starting from the license activation date. Hence, if the target upgrade version is newer, this warning will pop up.

- If you have already acquired a subscription upgrade, proceed with the installation, then run the [license manager](#) and upgrade your license in either online or offline mode
- Otherwise, cease the installation and choose another software version that was released before the license subscription ran out (or continue using the existing version)

You can contact our sales department via <https://www.luxriot.com/purchase/inquiry-form/> or via direct manager contact to learn about the license subscription options and price offers.

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Step 2 of 4. Existing data found



Product license detected

Info on server license file found:
Channels: 250
Expiry date: never
End of support date: 2/19/2018 12:00:00 AM

Warning

Incompatible license

Your license subscription has run out and your license will not operate for this software version. You can purchase a subscription upgrade in order to use this version, or you can continue using an older version without any additional fees. Press Yes, if you have already purchased or are going to obtain a subscription upgrade: after the installation is completed, run the software activation and choose the license upgrade option to renew the license details. Press No to exit installation and continue using the older version.

Yes

No

Previous

Next

Cancel

If you proceed with the upgrade but do not provide a valid license after the installation is complete, the software will not operate. Therefore, do not proceed with the upgrade until you have renewed the subscription.

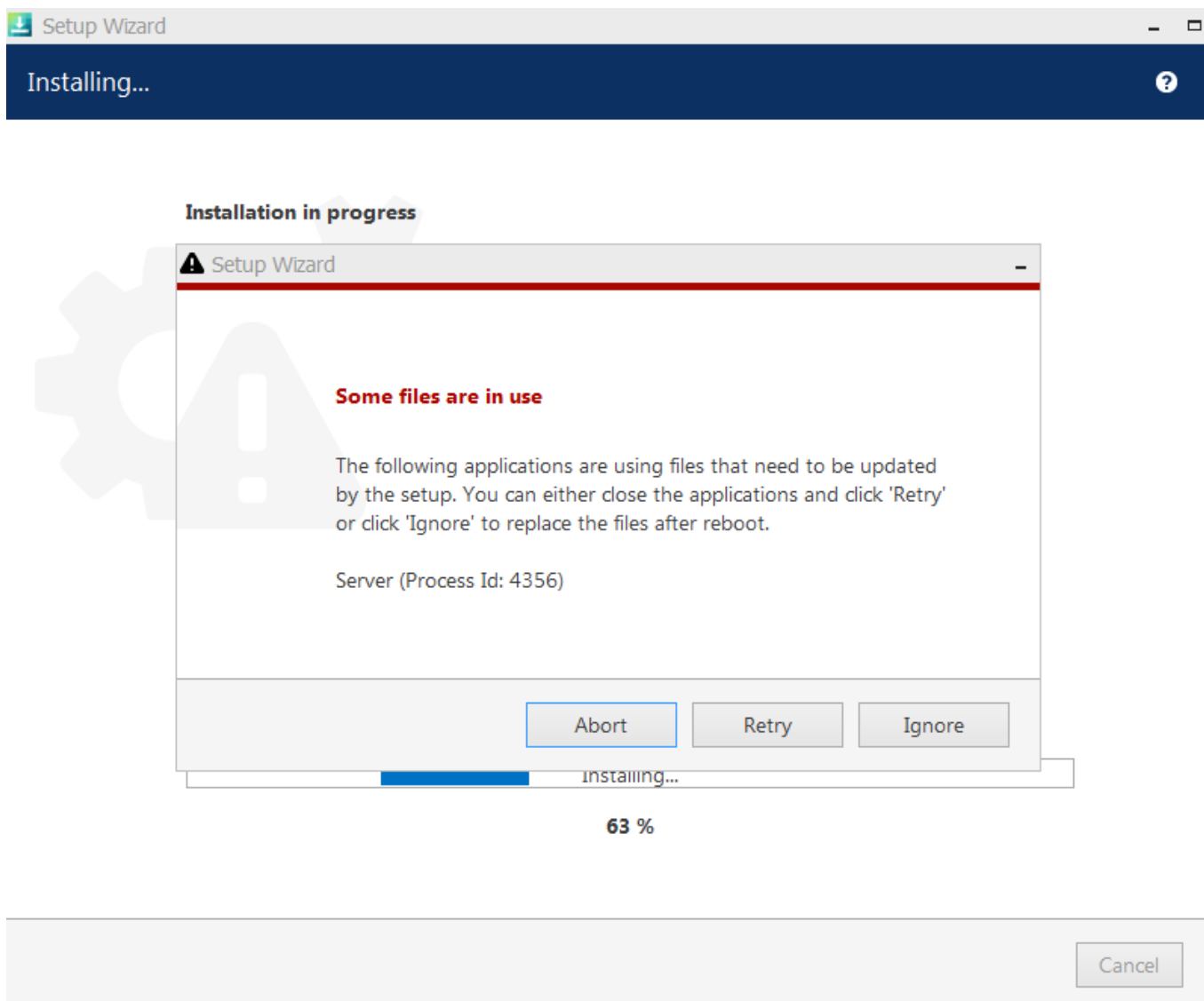


To verify the software release date against your license subscription expiration date, right-click the installation file > choose *Properties* > go to the *Digital Signatures* tab and check the timestamp.

If some of the files cannot be upgraded because they are in use, you will get a corresponding warning.

- Choose *Ignore* to proceed with the installation: reboot may be required afterwards but it is safe to select this option, esp. if the processes are from Luxriot EVO; or
- Stop the listed applications/services and click *Retry* to continue installing the software, or
- Click *Abort* to roll back the installation (the process will be cancelled and you will get a corresponding error in the wizard's dialog box).

Luxriot EVO Global Installation Guide



Click Ignore to proceed with installation (reboot may be required afterwards)

Important notice for US users!

 According to the National Defense Authorization Act, section 889, federal agencies and their contractors are prohibited from using video surveillance equipment from certain Chinese companies. If your installation falls into this category, please follow the sub-step below.

Here, you have an option to exclude the drivers for the abovementioned surveillance cameras, thus making the installation NDAA compliant.

In order to exclude the drivers for the non-compliant devices from the installation, expand the Luxriot EVO Server Service node in the list, and enable the *NDAA approved cameras only* option.

Luxriot EVO Global Installation Guide

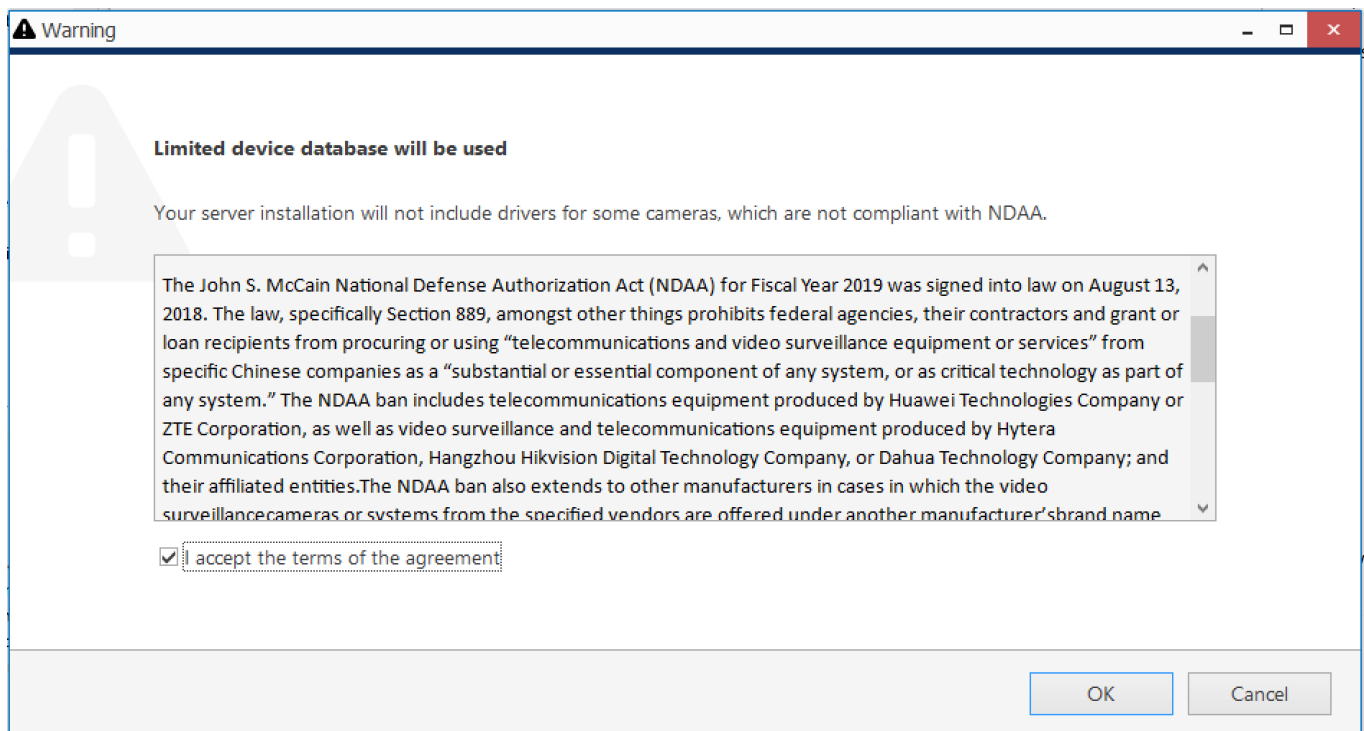
Specify which components to install

Configure the components of the installation package:

- ☒ Server Service
- ☐ NDAA approved cameras only
- ☒ Management Console Application

An additional installation option for NDAA compliance (disabled by default).

After selecting this option, you will get a more detailed description to read and agree.



Details about the limited installation package

If you are doing an software **upgrade**, the corresponding drivers will be removed. In case your database **uses some of these devices** and therefore contains them already, you will be asked to **cancel the installation** and remove these from the configuration manually first.

The upgrade process will then continue and replace your Luxriot EVO software version to the newer one.

Luxriot EVO Global Installation Guide

Uninstall/Change Software

Software can be uninstalled in two ways:

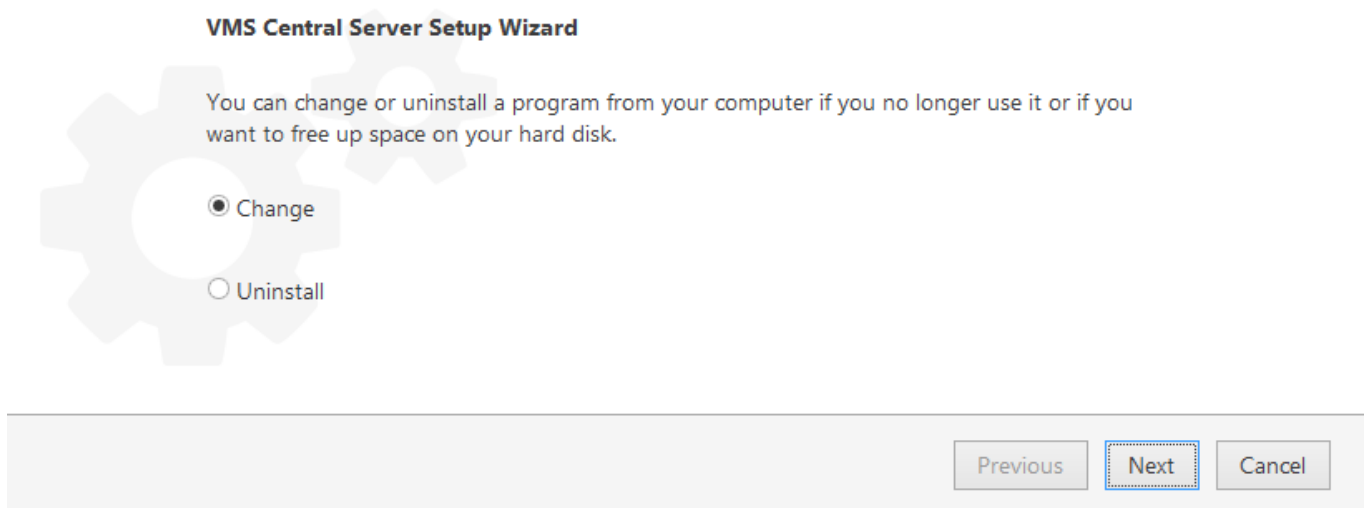
1. From the Windows Control Panel
2. By launching the same package that was used for installation

In either case, you have a choice between changing and uninstalling the product.



Before making any changes to the installation, make sure to close and stop all software services and applications. If processes are not stopped, some of the software components may not be removed or replaced during the installation process.

In order to check this, open Windows Task Manager, select '*Show processes from all users*' and make sure there are no processes starting with 'VMS..'. If there are any, stop them manually and then proceed with the installation changes.



Change or uninstall the product

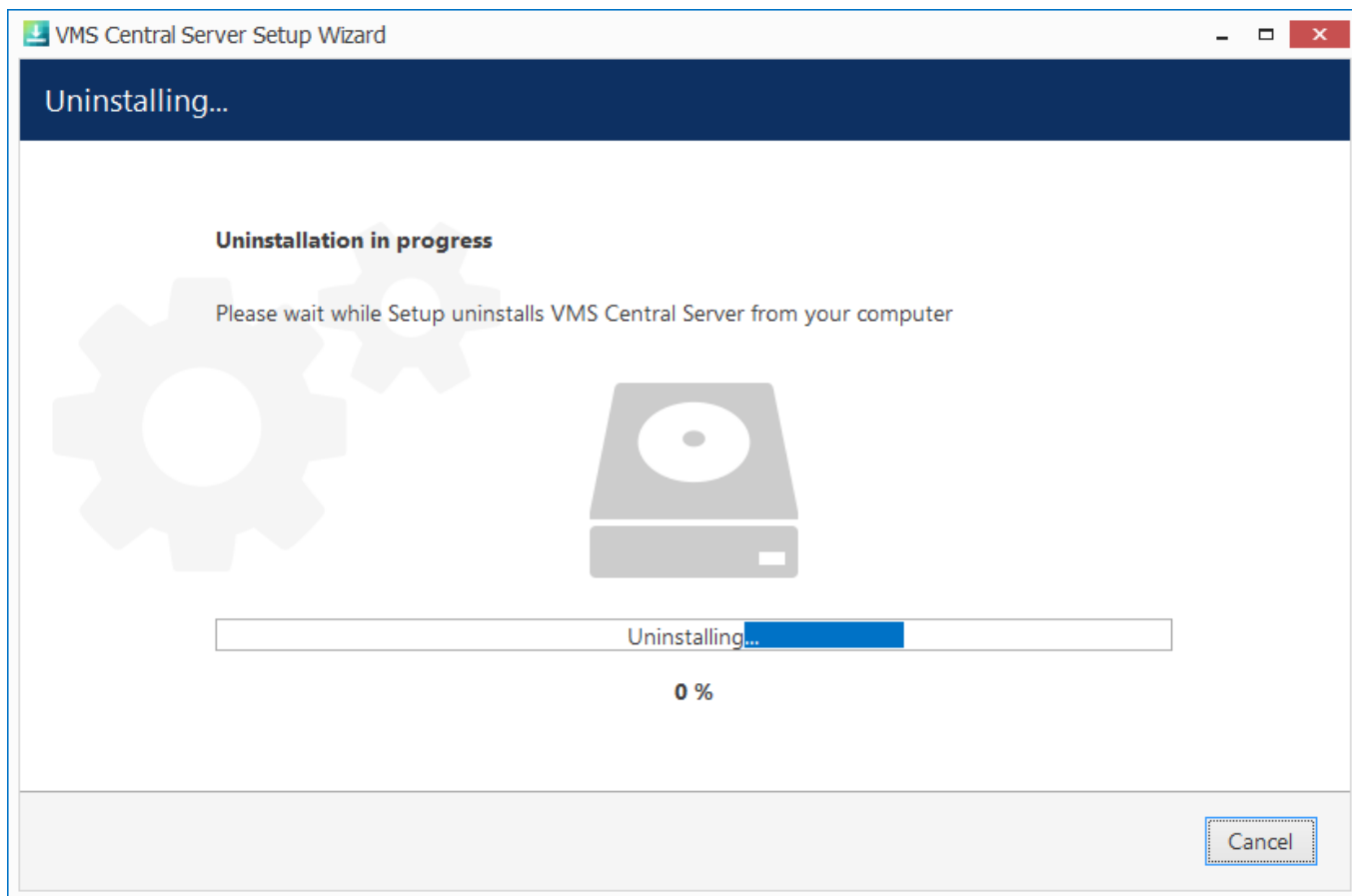
Select *Change* if you wish to re-install or add software components. The process will be similar to the initial installation.

Select *Uninstall* to remove all software components. You will be asked if you wish to keep the configuration and the current license; the following common use cases apply:

- keep the license and remove the configuration if you wish to re-configure everything from scratch after re-installation (e.g., in event of a corrupt database or having to move the server to a different system);
- keep both if you are going to clean install the software;
- remove both if you do not intend to use the software on this machine anymore.

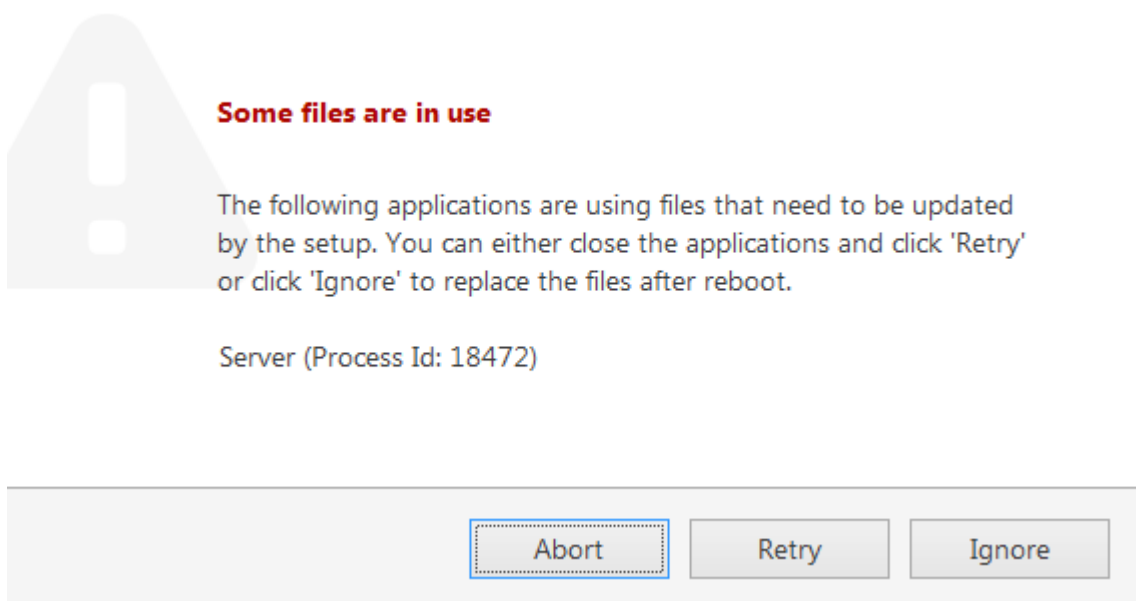
Press *Next* to proceed with the de-installation process. Note that you may have to confirm these changes if UAC has been turned ON.

Luxriot EVO Global Installation Guide



Uninstall

If you did not stop the Luxriot EVO server before starting the uninstall process or if some third-party software (e.g., antivirus) has locked Luxriot EVO files, you will get a warning.



A warning about some files being locked by a process

In this case:

- choose **Abort** to cancel the uninstall process
- stop the processes manually yourself and then click **Retry**
- click **Ignore** to let the wizard handle the files automatically (recommended. an reboot may be required)

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Generally, if you see that the process mentioned in the warning is Luxriot EVO **own process**, simply choose the **Ignore** option and let the wizard do the job.

When the wizard finishes removing software components, hit *Finish* to exit.

Clean Install

Sometimes it is necessary to install software anew, i.e., to change software bit version, roll back version, and also in event of major [software-related troubles](#).



You can perform clean install yourself if you are already familiar with the software. If you are doing it for the first time, we recommend that the procedure is supervised by a Luxriot support engineer so that you learn how to do this quickly and effectively, avoiding possible mistakes.



Although software upgrade is not possible with different bit versions, you can migrate your installation to a different bit version by performing a clean install.

To perform a clean installation, it is crucial to make sure that no Luxriot software processes are running, whether explicitly or in the background. Follow these steps:

1. Stop all Luxriot software services and/or applications;
2. Open Windows Task Manager, click '*Show processes from all users*' and check that there are no processes starting with 'VMS.'; if there are any, stop them;
3. Uninstall software as described above, keeping your license and configuration;
4. Install [new] software version, carefully following all [steps](#) and [recommendations](#);
5. Start the software and check if the desired change has been carried out.

Luxriot EVO Global Installation Guide

13 Remote Upgrade

In addition to traditional installation, you can also apply upgrades to the software components remotely from the central management server. Eligible components are: Luxriot EVO Recording Server, Luxriot EVO Console and Luxriot EVO Monitor application. This feature will allow you to deploy the remote Luxriot EVO Recording Server and client machines once and then easily handle the upgrades from any place, keeping the whole system up to date with little effort.

Briefly, the idea of the remote upgrade procedure is that you first upgrade your Luxriot EVO Global server, then carry out the upgrade for Luxriot EVO Recording Server machines and remote workstations. For Luxriot EVO Recording Server installations, the upgrade procedure is conducted from the central management server side; for Luxriot EVO Console and Luxriot EVO Monitor applications, you simply enter file locations on the central server, allowing the remote machines to perform their upgrades by downloading the installation files.

Below, you will find a detailed description of the recommended upgrade procedure, and details on each step.

 For the remote upgrade feature to work properly, the Luxriot EVO Global server must be reachable over HTTP from the Luxriot EVO Recording Server machines. Starting with software version 1.25, you can upgrade the system via HTTP or HTTPS protocols. Depending on your settings, the system will use different protocols:
HTTP on + HTTPS on - the system will use HTTPS
HTTP on + HTTPS off - the system will use HTTP
HTTP off + HTTPS on - the system will use HTTPS
HTTP off + HTTPS off - the system will return a connection error

 We strongly advise that you keep both major (e.g., 1.2.x) and minor software versions (e.g., 1.2.3) across your system match exactly. Software build numbers (e.g., 1.2.0.xxxxx) may differ slightly in case you are using 64-bit and 32-bit editions.
Different major versions (e.g., 1.5.0 and 1.6.0) **will not work together** by design.

Prerequisites

Before starting the upgrade process:

- make sure you have downloaded the target version files for all components
- use a good uplink with enough bandwidth as you will have to transfer the installation packages to the remote machines
- ensure all Luxriot EVO Recording Server servers are stable and have the latest OS updates installed (and no OS updates are being installed at the moment)
- make sure that remote servers are reachable via HTTP or HTTPS from the central management machine

The simplest way to verify the HTTP connection status is to try opening the Luxriot EVO Global server in your browser, as if you were trying to reach its Luxriot EVO Streaming Server interface, e.g., <http://192.168.4.56:8081> (default port is 8080). Another simple alternative is to use telnet to the same IP and port.

If required, it is also possible to perform the recording server upgrade manually locally, similarly to the initial installation.

Luxriot EVO Recording Server Upgrade Procedure Description

The general idea is to: transfer the upgrade packages and verify remote server availability, upgrade the central server, then carry out the remote server upgrade. The order of steps is important for smooth experience, especially in case you have a lot of recording servers.

Steps:

0. Download the new version installation packages onto the Luxriot EVO Global server PC.

1. Do NOT upgrade the central server yet. Open Luxriot EVO Console locally on the Luxriot EVO Global server. In Luxriot EVO Console, go to the main menu > *System upgrade* > *File locations* > specify the local paths to the new Luxriot EVO Recording Server installation packages (both bit versions, if necessary).

2. Go to the *Upgrade tasks* tab > select all required recording servers > click *Upload upgrade*. By doing so, you

Luxriot EVO Global Installation Guide

verify the HTTP port availability and transfer the files.

3. After the upload is complete and Luxriot EVO Recording Server status is *Ready to install*, you can proceed with the central server upgrade. If some server does not have the *Ready...* status (Waiting for connection/connection timeout), double-check if HTTP connection is available. Close Luxriot EVO Console and upgrade the Luxriot EVO Global server locally.

Recording servers will now have incompatible server versions. They are still operating but it is impossible to re-configure them, so therefore you need to upgrade them ASAP.

4. Open Luxriot EVO Console and go to main menu > *System upgrade* > *File locations* > check if packages are defined, and, if not, then point to them again.

5. From now on you can use either local or remote Luxriot EVO Console connection to the Luxriot EVO Global server. In the *System upgrade* dialog, to *Upgrade tasks* > click *Upload upgrade* until all servers have the *Ready for upgrade* status.

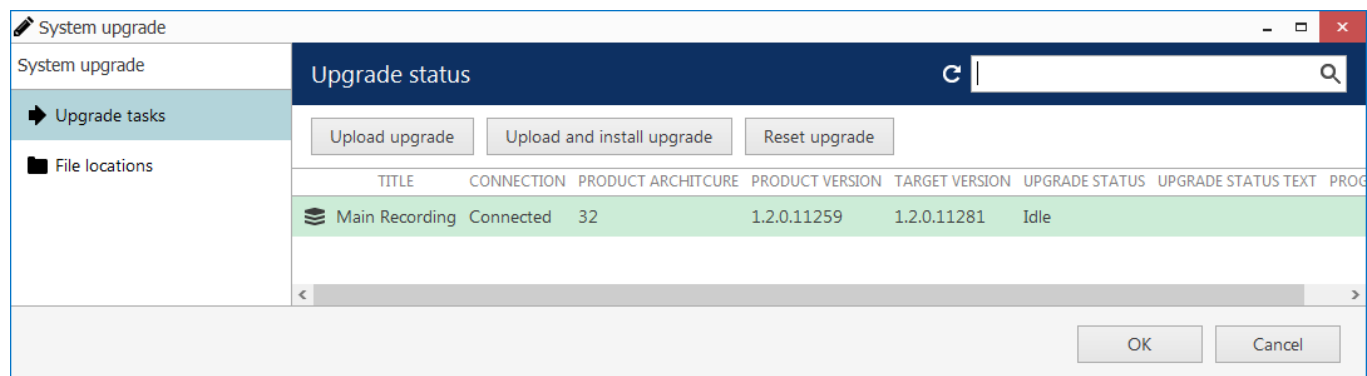
6. Now upgrade recording servers one by one. Click the *Install upgrade* button to launch the installation on the remote server. Repeat for each recording server.

You can do this for all servers at once, but it is better to upgrade step-by-step: if something goes wrong, you will have the system partially running.

Upgrade Procedure Step-by-Step

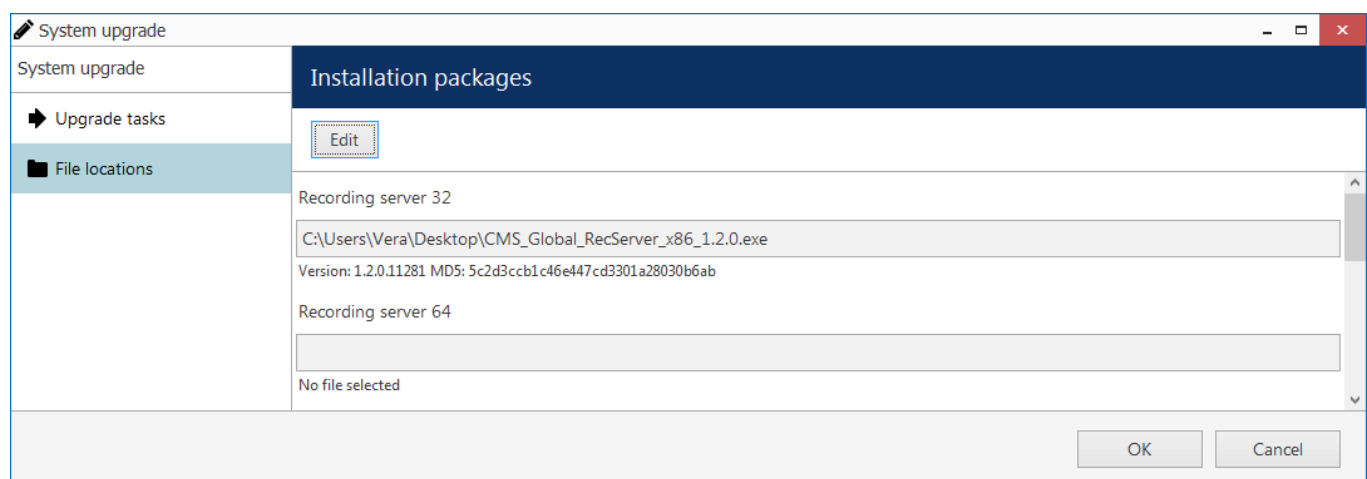
To access the remote upgrade feature, open your Luxriot EVO Console application, click the main application menu button in the upper-right-hand corner and choose the *System upgrade* option. The *System upgrade* dialog box will appear.

The *Upgrade tasks* tab will contain all the currently configured recording servers with their type, status, current version and upgrade status. As the upgrade proceeds, the server status reflects the changes.



One connected Luxriot EVO Recording Server with an out-of-date software version

Before starting the upgrade procedure, specify paths to the new installation packages. To do so, switch to the *File Locations* tab. The locations must be on the central management machine, even if you are accessing the Luxriot EVO Global server from a remote Luxriot EVO Console.



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Review locations of the executable files

Here, you can review the existing locations of the packages. In order to pick different installation packages for your next upgrade, click the *Edit* button on the upper panel.

Installation packages

Recording server 32

C:\Users\Vera\Desktop\CMS_Global_RecServer_x86_1.2.0.exe

Version: 1.2.0.11281 MD5: 5c2d3ccb1c46e447cd3301a28030b6ab

Recording server 64

No file selected

OK Cancel

Change file locations

For every software component, click the *Select* button on the right side and choose the appropriate installation package; use the *Clear* button to remove the currently defined field value. Make sure to define correct packages for 32-bit and 64-bit.

The specified paths must point to the files, which are located on the **central management** server.

Please make sure to use original, valid installation packages for Luxriot EVO, which have been either downloaded from Luxriot website or FTP, or provided by its representatives or certified partners. Files that are not proper Luxriot EVO packages will not be accepted, resulting in an error.

Do not use beta versions (pre-release) of the installation files on production servers.

Luxriot EVO Recording Server Upgrade

When you have entered locations of all the required components, switch back to the *Upgrade tasks* tab. From the list of all the configured recording servers, choose one to be upgraded by clicking it once in the list. Note that only online servers (i.e., those having their status as *Connected*) can be upgraded.

Here, you have two options: transfer the upgrade package to the target server and run the **upgrade at once**, or just **upload** the file. The latter option is convenient when, for example, you have a good upload speed at the moment but it is not possible to perform the upgrade for some reason: you can transfer the file at once and then log in remotely later over a slower connection and simply hit the *Update and install* button - the installation package will not be uploaded repeatedly and, instead, the installation of the upgrade will be conducted immediately.

System upgrade

System upgrade

Upgrade tasks

File locations

Upgrade status

Upload upgrade Upload and install upgrade Reset upgrade

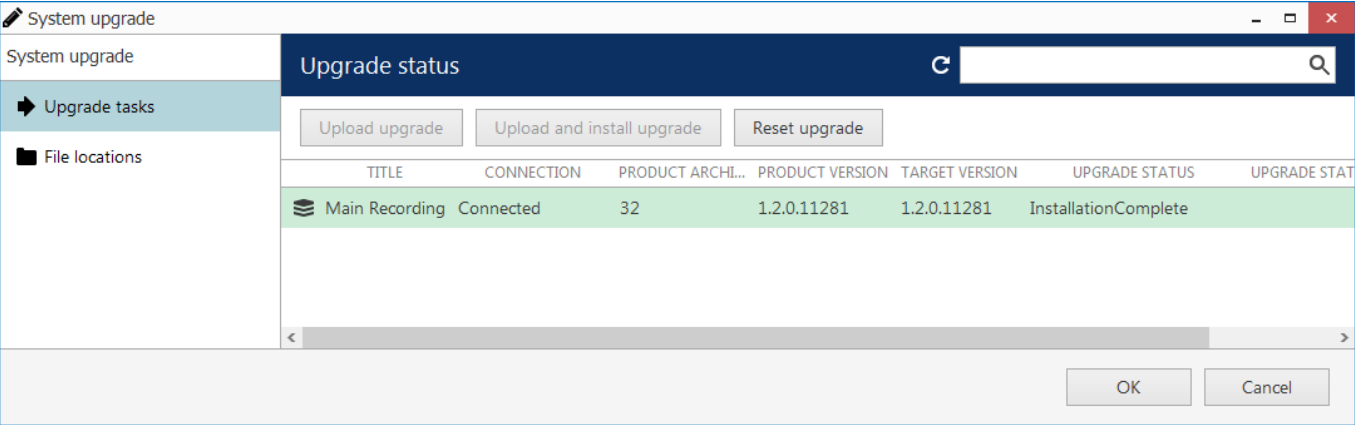
TITLE	CONNECTION	PRODUCT ARCHITCURE	PRODUCT VERSION	TARGET VERSION	UPGRADE STATUS	UPGRADE STATUS
Main Recording	Connected	32	1.2.0.11259	1.2.0.11281	Installing	

OK Cancel

Upgrade in progress

After the upgrade, the remote Luxriot EVO Recording Server service will be restarted automatically so you will get a *Disconnected* status for a moment, and then the Luxriot EVO Recording Server will appear back online with a new version installed.

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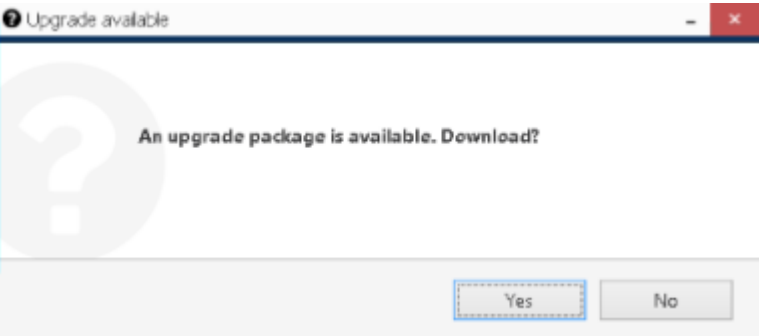


Successful upgrade of a remote Luxriot EVO Recording Server

Luxriot EVO Console and Luxriot EVO Monitor Upgrade

Remote UI applications are upgraded in a slightly different way. First, you need to set the paths to the new packages on the central management server side; then, every connecting Luxriot EVO Console or Luxriot EVO Monitor will get an upgrade notification if their version is older than the one specified in the upgrade package path. No upgrades will be offered in case no upgrade package has been specified.

If Luxriot EVO Console or Luxriot EVO Monitor detects that an upgrade is available, it will offer you to download it straight away. If your network connection allows it, click *OK* to agree and download the upgrade package.



Luxriot EVO Console application offering an upgrade on startup

The upgrade package will be downloaded using your default Web browser and saved on your local computer. You can start its installation at any time, provided that your Windows user has enough privileges to run the installation. After the installation, just start the application as usual.

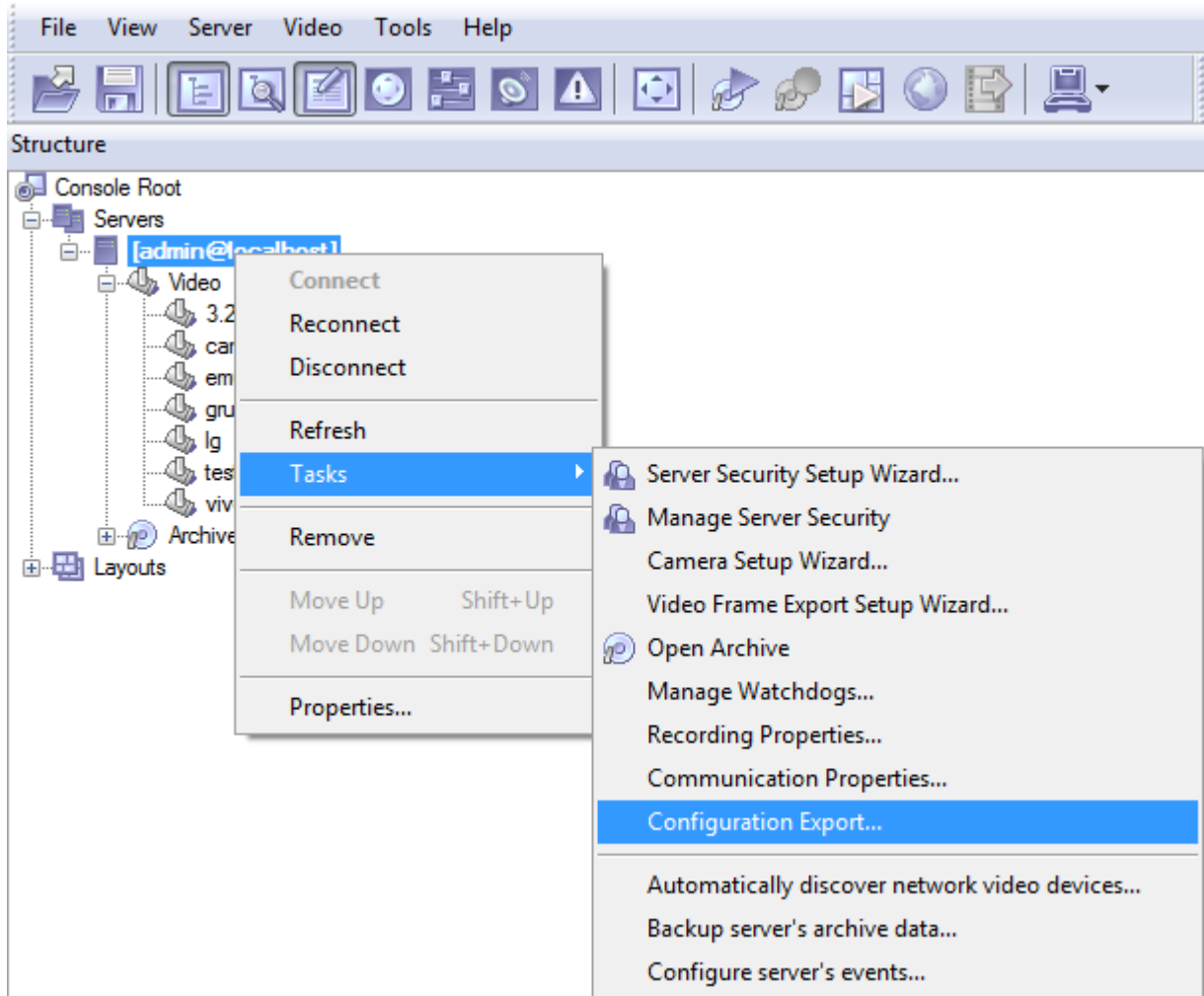
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14 Migration From Previous Product Versions

It is possible to migrate the basic configuration from the older Luxriot software version, Luxriot VMS. All you have to do is export an XML file from Luxriot VMS and then import it via Luxriot EVO Console.

⚠ In Luxriot EVO version 1.6.0, major changes were made to permission management. As a result, configuration imported from an XML file (from Luxriot VMS) will **not contain any user permissions: you will need to **review and set all user permissions after importing the configuration**.**

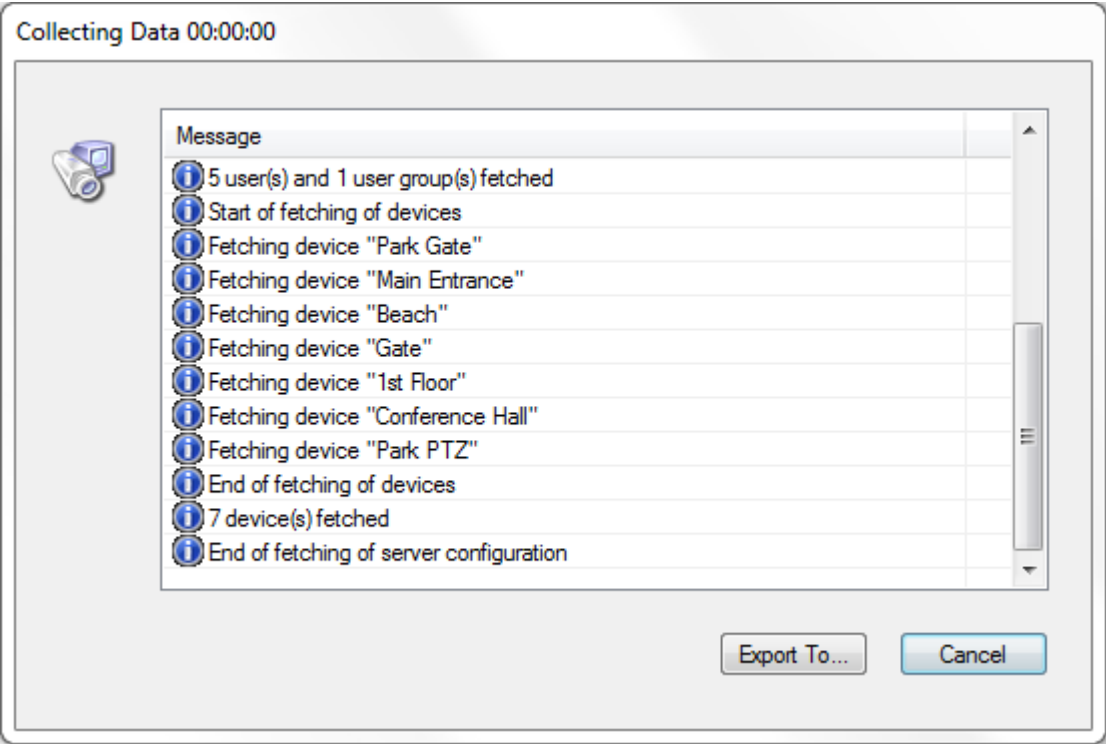
In your Luxriot VMS Client, right-click your desired server and choose *Tasks -> Configuration Export*.



Run *Configuration Export* from the server right-click menu

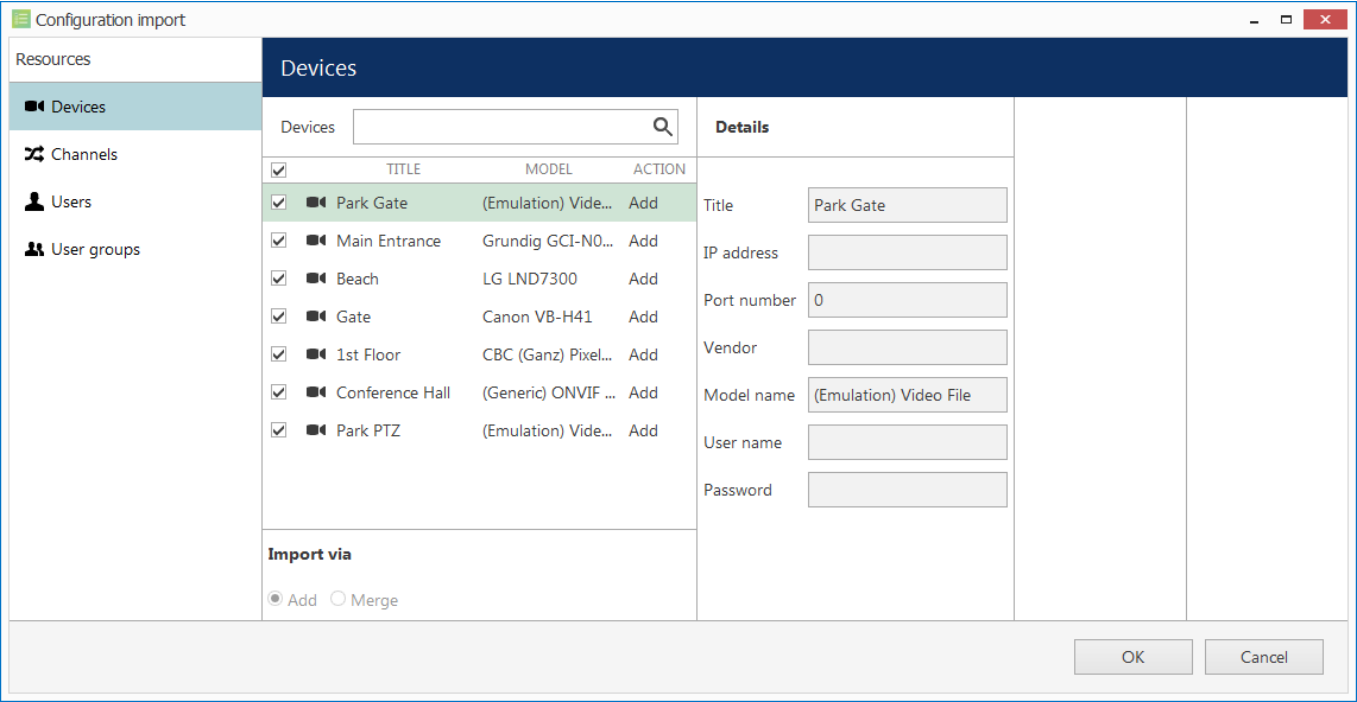
Export wizard will display a summary of all the exported resources and give you an option to save the configuration in XML format. In order to do this, click the *Export to...* button and choose a location and enter the filename, then click *Save*.

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Export tool

Next, switch to your Luxriot EVO installation where you want to load the configuration: open Luxriot EVO Console and log into the target server. In Luxriot EVO Console, click the application menu button located in the upper-right-hand corner of the Luxriot EVO Console window and choose *Configuration import*. Locate your pre-saved XML file in the *Open file* dialog box and click *Open*: *Configuration import* dialog box will open, giving you the option to review the resources to be imported.



Choose devices to be imported

Review the list of devices to be imported from your pre-saved configuration; note that you can only view the settings but there is no option to change them. You will be able to alter device settings later, after you import the configuration. At this stage, you can choose whether or not the device will be imported: to do this, simply put a checkmark next to each device name. By default, all devices are selected for import.

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TITLE	DEVICE TITLE	ACTION
☒ Park Gate	Park Gate	Add
☒ Main Entrance	Main Entrance	Add
☒ Beach	Beach	Add
☒ Gate	Gate	Add
☒ 1st Floor	1st Floor	Add
☒ Conference Hall	Conference Hall	Add
☒ Park PTZ	Park PTZ	Add

Import via
☒ Add ☐ Merge

Details
Title: Park Gate
Enabled: yes
Device: Park Gate

OK Cancel

Choose channels to be imported

Next, switch to the *Channels* tab and review the channel list.

TITLE	LOGIN	ACTION
☒ Built-in adminis...	admin	Merge
☐ Built-in demo u...	demo	Add
☒ Joe Doe	Joe Doe	Add
☒ Johnny English	Johnny English	Add
☒ Judy Monroe	Judy Monroe	Add

Import via
☐ Add ☒ Merge

Details
Full name: Built-in Administrator account
Login name: admin

Permissions

OK Cancel

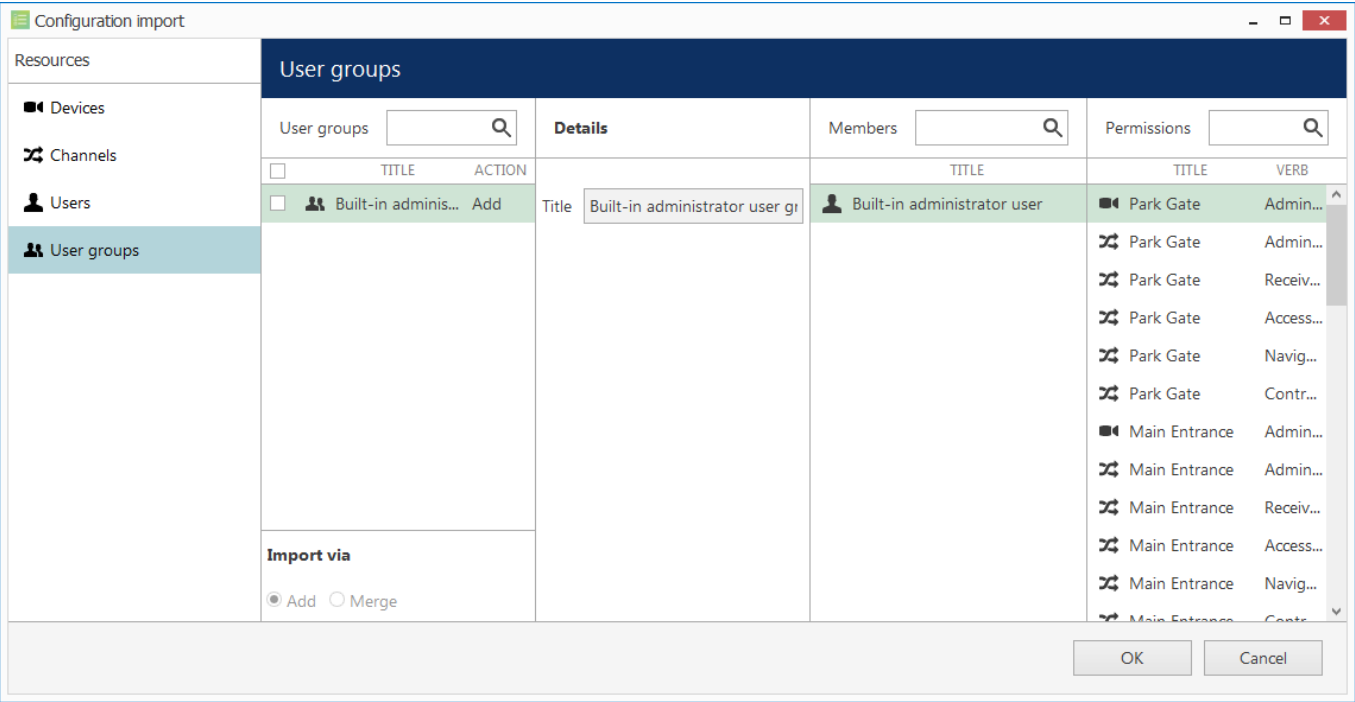
Choose users to be imported

When you have finished with devices and channels, review users and user groups to be imported.



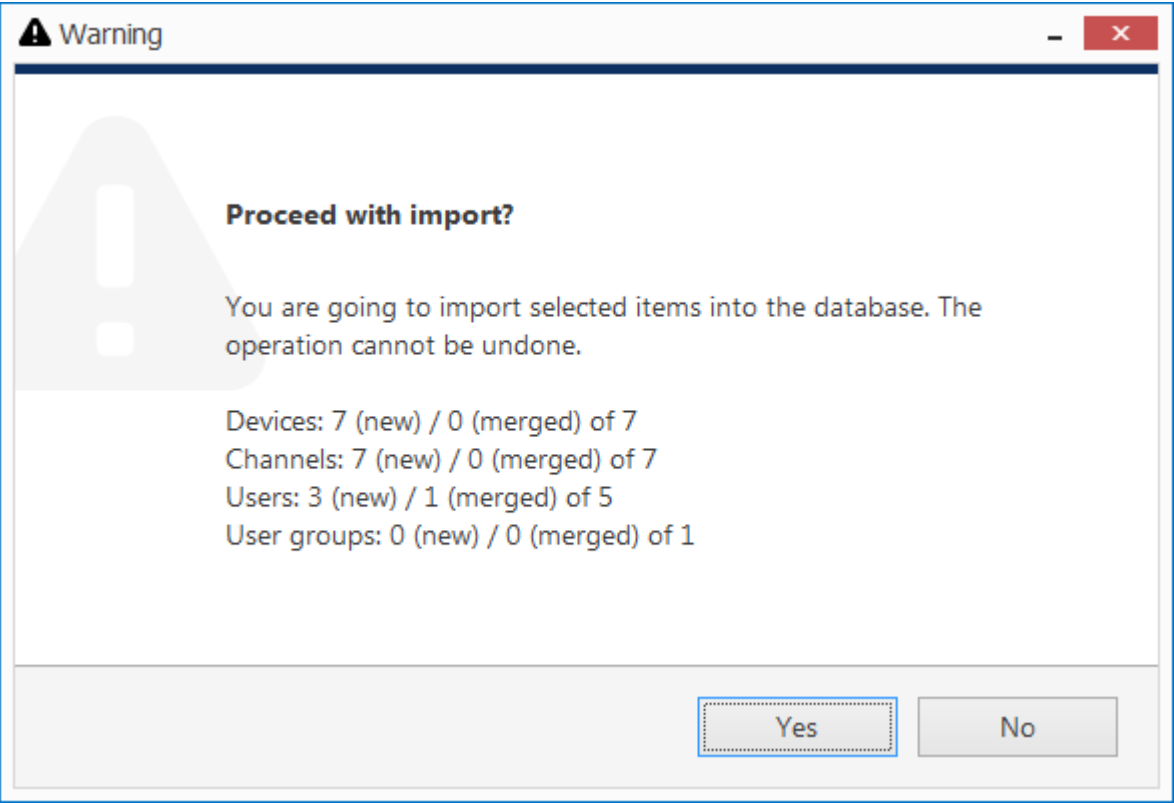
If some resource is already present in Luxriot EVO configuration, the wizard will mark the imported copy to be **merged** to the existing one; you can change this by selecting the desired resource and choosing the import type below: *Import via* -> *Add/Merge*. Merging means that user permissions are extended and in case of any differences Luxriot EVO settings have priority. Otherwise, the import wizard will simply **add** the target resource to your configuration and action type choice will be grayed out.

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Choose user groups to be imported

When you are done, click OK to import the configuration. Luxriot EVO will show you a short summary and ask you to confirm the action.



Confirm import

After the import, you will be able to edit the newly added resources as usual via corresponding menu sections.

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15 Database Import

You can use an existing Luxriot EVO database to import resources into any other Luxriot EVO installation. This feature allows you to **migrate** the server configuration 1-to-1 or **reuse** the configuration of devices and channels, user profiles, maps, recording calendars, etc., to speed up the site configuration.

Prerequisites

The database may come from any server and/or software edition, but it must contain not more than one server in its configuration. If you wish to import from a Luxriot EVO Global database, create a copy of it for backup, then remove all recording servers from its configuration first (move the devices to the Luxriot EVO Global server first if you need to preserve them), and use the single-server version for resource import.

 It is only possible to import the data from **single-server** databases.

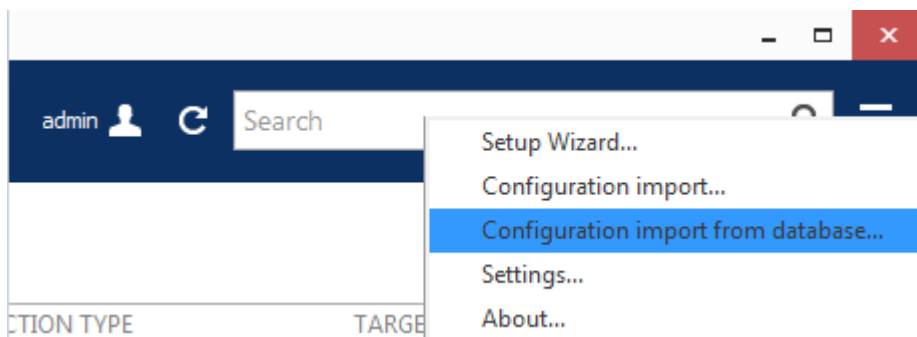
Possible scenarios for this feature may be as follows:

- combine many Luxriot EVO S servers into a single Luxriot EVO Global installation
- transfer configuration from one Luxriot EVO S server to another

The database you need to take for future import is named *VMSSConfig-xxxxxxxxxxx.db* and it is located in the ProgramData directory.

 By default, all Luxriot EVO databases are located in the following directories:

- C:\ProgramData\Luxriot\Luxriot EVO S - for the Luxriot EVO S product edition
- C:\ProgramData\Luxriot\Luxriot EVO Global - for the Luxriot EVO Global product edition
- C:\ProgramData\Luxriot\Luxriot EVO Recording Server - for the Luxriot EVO Recording Server component of a Luxriot EVO Global installation



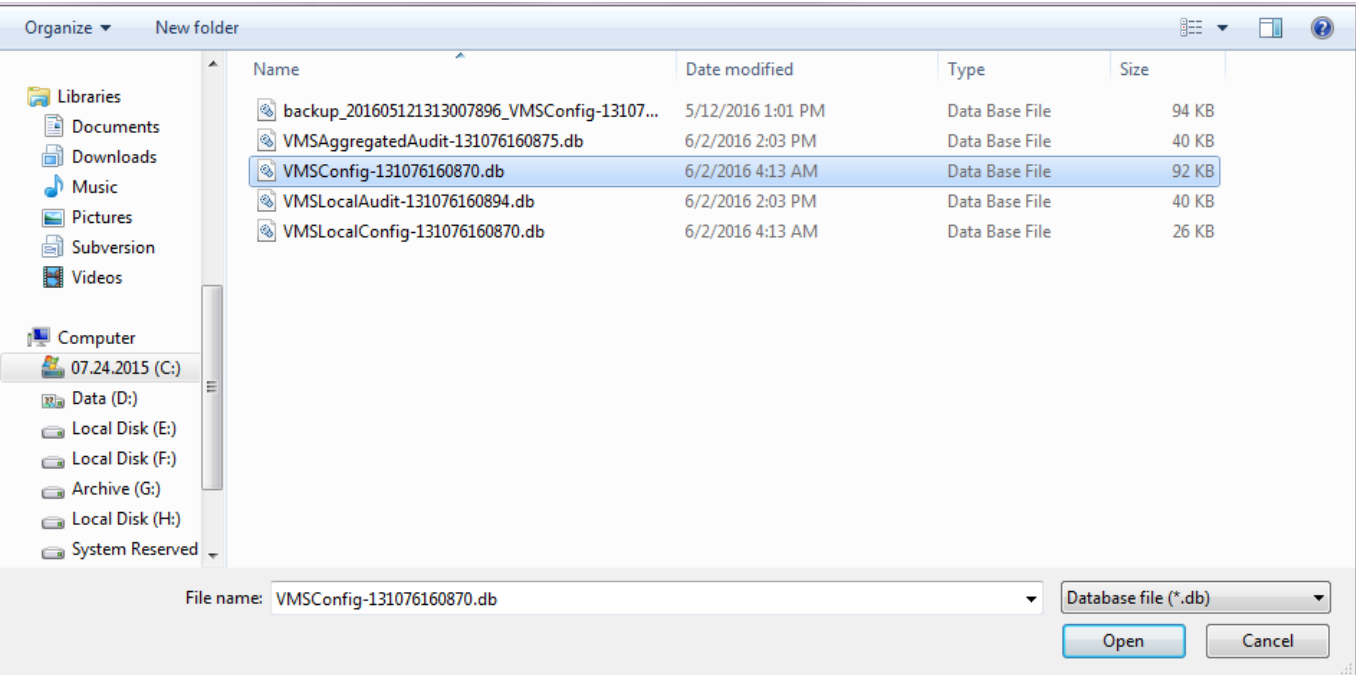
Choose the database import option from the application menu

Import from Database

To start data import, press the application menu button in the upper-right-hand corner of the Luxriot EVO Console window and choose the *Configuration import from a database* option.

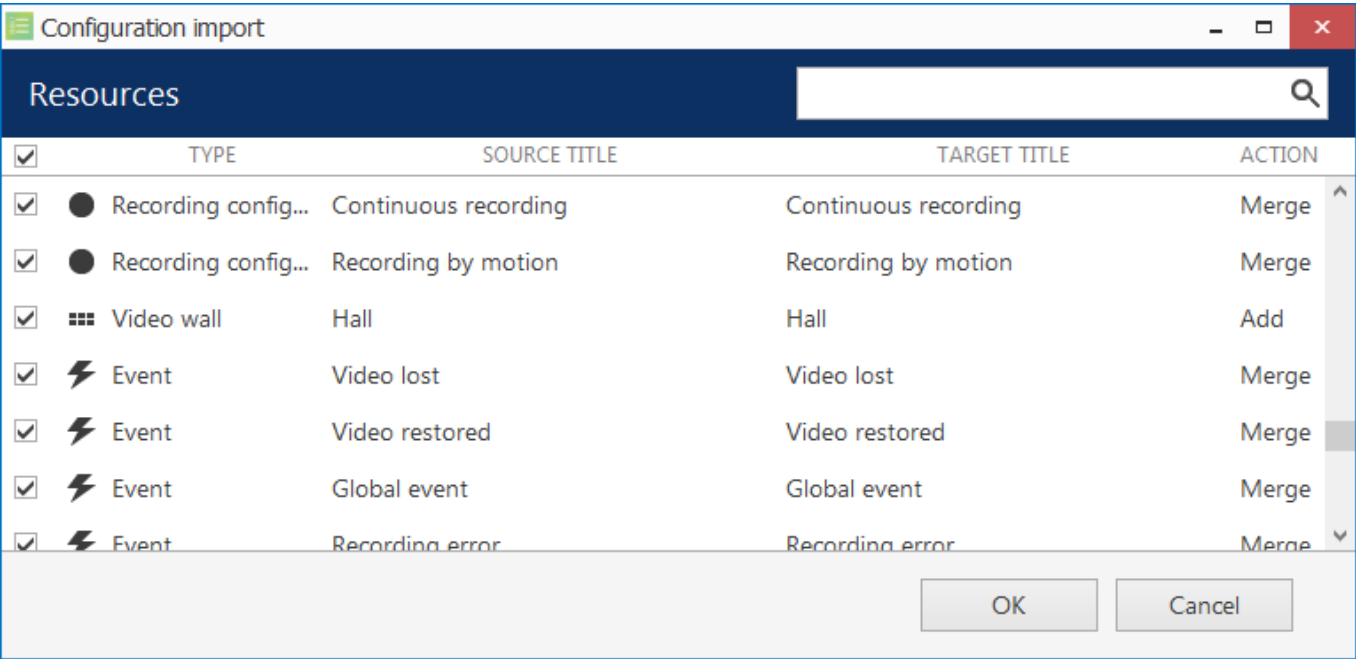
From the standard Windows Explorer *Open File* dialog box, locate the target *VMSSConfig-xxxxxxxxxxx.db* file and open it.

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Locate the database file

The resource selection dialog box will appear. Choose the items to be imported using checkmarks in the left column; use the search field in the upper right corner to filter the items by type or by any other text field. In case the imported entities already exist on the host server (e.g., built-in recording profiles), their import action will be *Merge*; otherwise, the action will be marked as *Add*. When resources are merged, their permissions are merged as well. All types of resources can be imported.



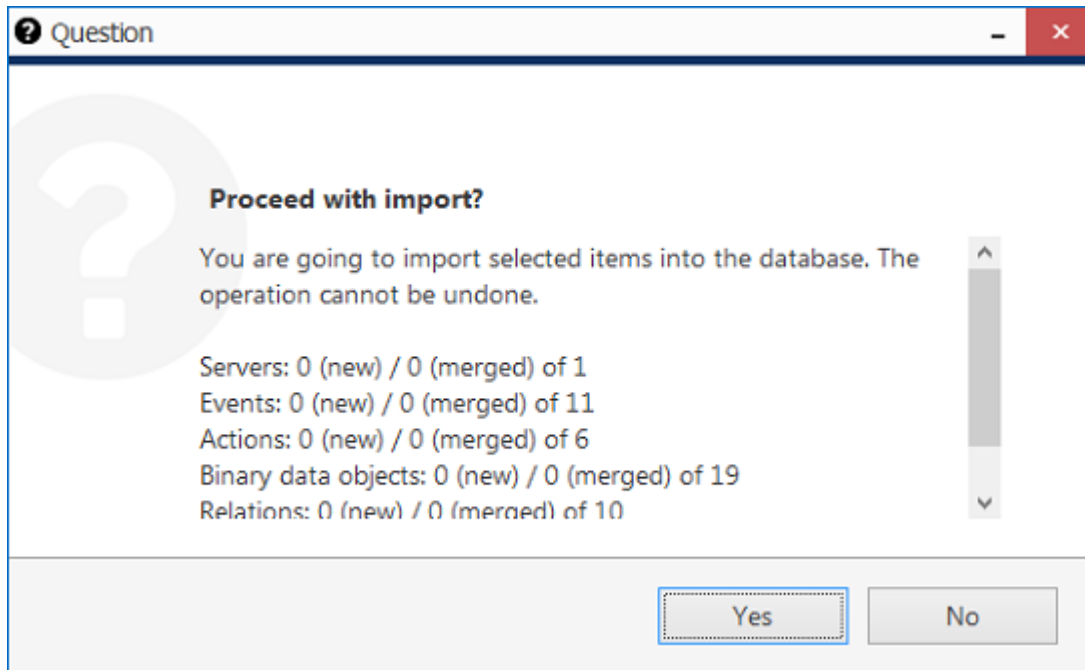
Choose resources to be imported

When you have finished with resource selection, click *OK* to proceed.

Important: this action cannot be undone. Before confirming, make sure to review all the changes you wish to apply.

Before applying all the changes, review your import summary and click *OK* to confirm and finish the import.

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Review the summary and confirm configuration import

All selected items will be added to the server configuration immediately and you will be able to work with them normally.