



**Ocularis™**

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# Installation & Licensing Guide

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Ocularis 2.0.1

000071911-1741-OC2.0.1(3.1.0.92)

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## Introduction

Ocularis version 2.0.1 is the latest version of OnSSI's flagship IP-video and security platform. Ocularis represents the latest evolution in IP-video surveillance and security. As an integrated video and event management platform, it includes a full-fledged video management systems for streaming, recording and managing an unlimited number of cameras at multiple sites.

### Ocularis Features Sets

Ocularis version 2.0.1 is offered in four feature sets, designed to meet the needs of organizations of all sizes and structures, from single-location retail outlets or schools, to multiple-site, complex municipal and campus installations.

- **Ocularis PS** – for organizations with limited active live monitoring and alerting.
- **Ocularis IS** – competitively priced for organizations operating at multiple locations with no size limitations.
- **Ocularis CS** – For large distributed organizations with extended command and control needs.
- **Ocularis ES** – brings a higher level of efficiency to recording system maintenance.



The **Ocularis™ Platform**, regardless of feature set, consists of the following components:

- **Ocularis Base** – server software application which regulates and manages the flow of data between video client users, recording servers, video wall management and an integrated alerting application.
- **Ocularis Administrator** - The front end software application used to manage Ocularis Base.
- **Ocularis Recorder** - An application is required to supply camera configuration and recording.
- **Ocularis Client** – OnSSI's award winning video client application.
- **Optional Add-On Applications** – these include Remote Video Wall, Video Content Analytics and Video Synopsis. Add-Ons are restricted based upon Ocularis feature set.

Add-ons are made available as they are introduced. See our website [www.onssi.com](http://www.onssi.com) or call OnSSI Sales for information on Ocularis Add-Ons.

This manual covers the component(s):

**Ocularis Base Installation & Licensing**  
**Ocularis Administrator Installation**  
**Ocularis Client Installation**  
**RC-C / RC-I Event Proxy Installation**  
**RC-E Event Proxy Installation**

## Getting Started with Ocularis

### Minimum System Requirements

Requirements for individual components may be found on the [www.onssi.com](http://www.onssi.com) website.

### Installation Procedures

This section discusses the following:

- [Installing Ocularis on a New System](#)
- [Upgrading to Ocularis Version 2.0](#)

### Installing Ocularis on a New System

Regardless of feature set, a recommended process flow to prepare the video management environment with Ocularis on a new system is as follows:

1. Install the Ocularis Base software component.
  - In large environments or if using Ocularis ES, this component should be installed on a dedicated server, In some cases, a dedicated server is not necessary. For Ocularis PS, IS and CS, the Ocularis Base may be installed on the same PC as the other Ocularis components. As the system grows, additional recording components may be added.
  - System requirements may be found on our website for detailed hardware specifications.
  - Refer to [Installing Ocularis Base](#) on page 7 for details on the software installation.
  - Anti-Virus software must be disabled during the installation of the Ocularis Base component.
2. Install the *Ocularis Administrator* application.
  - This component is typically installed on a workstation with network connectivity to the Ocularis Base component. It may reside on the same PC as the Base provided that graphic card requirements are met.
  - Refer to [Installing Ocularis Administrator](#) on page 14 for details on the software installation.
3. License Ocularis.
  - Prior to using *Ocularis Administrator*, you must license your copy of Ocularis Base. See [Licensing Ocularis Base](#) on page 10 for more details on how to activate the software.

4. Install the Ocularis recording component software.
  - For Ocularis PS, IS and CS, installation of the recording component includes the installation of the RC-P, RC-I and RC-C recorders as well as the event proxy for IS and CS installations. Install the event proxy on the same machine as the RC-X software.
  - Ocularis ES, the recording component contains several components. Install these in the following order:
    - 1.) RC-E Server (Management Server)
    - 2.) RC-E Recording Server
    - 3.) RC-E Manager (Management Client)
    - 4.) RC-E Failover Server(s) [*Optional*]
    - 5.) RC-E Event Proxy

Install this component on the same machine as the RC-E Server (Management Server).
  - See the specific recording component's user manual for more details on installation of these applications.
5. Create at least one administrative account on the recording component with full access rights.
  - Use the *Management Application* for Ocularis PS, IS or CS
  - Use the *RC-E Manager* for Ocularis ES.
6. Add and configure the IP video cameras and devices on the recording component.
7. Install the *Ocularis Client* on at least one workstation.
  - See [Installing Ocularis Client](#) on page 16 for additional instructions on installation.
8. Configure Ocularis Base using *Ocularis Administrator*.
  - Refer to the *Ocularis Administrator User Manual* for further instructions.
9. Test connectivity of cameras by logging into Ocularis Base with *Ocularis Client*.
10. Install any remaining workstations with *Ocularis Client*.
11. For *Ocularis ES*, *Ocularis CS* or *Ocularis IS* configure the event proxy to forward events to the Ocularis Base Server.
  - Installation and configuration of Event Proxies can be found at the end of this document.

## **Upgrading to Ocularis Version 2.0.1**

- Is it not necessary to manually uninstall any of the Ocularis components in order to upgrade from an earlier version to version 2.0.1.
- All Ocularis components, however, will need to be upgraded to 2.0.1. These include: Ocularis Base, Ocularis Administrator and all instances of Ocularis Client.
- The order in which you upgrade each component from an installation standpoint does not matter. You may follow the same order as installing Ocularis on a new system (see page 3) if you need a procedure to follow.
- It is not necessarily required to upgrade existing NVR software:
  - If you currently have NetDVMS 6.5g and are upgrading to Ocularis CS 2.0.1, you may continue to use NetDVMS 6.5g with Ocularis CS. Your NetDVMS SLC will be locked and you will not be able to add new cameras to NetDVMS. The number of NetDVMS camera licenses will be deducted from the Ocularis CS RC-C recorder count.

We strongly recommend upgrading to the RC-C recording component. This upgrade, however, may be done at a later time.
  - If you currently have NetEVS 3.1b or earlier, when you upgrade to Ocularis ES 2.0.1, you must upgrade to the RC-E 4.0 recording component.
  - If you are upgrading a NetDVR environment and have obtained Ocularis IS, you **MUST** upgrade NetDVR to the RC-I recorder.
  - If you upgrading a ProSight-SMB environment and have obtained Ocularis PS, you **MUST** upgrade ProSight-SMB to the RC-P recorder.
- The installation procedure will examine the system for an existing instance of each Ocularis component and if it finds it, the software will prompt you to uninstall the corresponding component during the installation process.



***New SLCs ARE required when upgrading from Ocularis version 1.x and prior (for demo, trial and retail).***

**Be sure to have your new SLC in hand prior to the start of any software installation.**

See the *Release Notes for Ocularis v2.0.1* for known issues, feature changes and fixes.

## Ocularis Installation & Configuration

Items to consider prior to installation:

- Once all components are installed, synchronize the date and time between the server and workstation pcs.

**Note:** *The time and date tolerance for all PCs using Ocularis is a maximum of five (5) minutes. If the time is off by more than 5 minutes between the Ocularis Base machine and Ocularis Client workstations, log in attempts will fail.*

- The order of installing or upgrading each component does not matter.
- You must either be logged in as the Windows account 'Administrator' when licensing Ocularis Base or be a user with administrative privileges and select 'Run as Administrator' when launching the licensing application.
- Depending on your current Windows configuration, you may be asked to insert your original Windows installation CD in order to install additional Windows components.
- You will need to have your Ocularis Software License Code (SLC) on hand when you license the application.

The following components are outlined in this document:

- [Installing Ocularis Base](#)
- [Licensing Ocularis Base](#)
- [Installing Ocularis Administrator](#)
- [Installing Ocularis Client](#)
- [Installing the RC-C / RC-I Event Proxy](#)
- [Installing the RC-E Event Proxy](#)

For instructions on the installation of the Ocularis recording components, please refer to their corresponding user manuals.

<b>For:</b>	<b>Use:</b>
Ocularis ES	Recording Component (RC-E) User Manual
Ocularis CS	Recording Component (RC-C) User Manual
Ocularis IS	Recording Component (RC-I) User Manual
Ocularis PS	Recording Component (RC-P) User Manual



## Installing Ocularis Base

Reminder:

- Anti-Virus software must be disabled during the installation of the Ocularis Base component.
- We recommend that Ocularis Base and *Ocularis Administrator* be installed on separate machines. However, this is not required, especially when using Ocularis PS, an Ocularis Demo version or other small Ocularis IS or CS environment.
- Follow this procedure when installing a new system or upgrading an existing Ocularis Base.

### TO INSTALL OCULARIS BASE

1. On the Ocularis Base Server machine:

- insert the installation DVD and wait for autorun to display the menu
- or double-click the file downloaded from the onssi.com website.

2. Click **Next**.

The screen details installation instructions. Please read these instructions.

You may print the instructions by clicking the **Print this page** button or access user manuals by clicking the **Manuals and Documentation** button. Adobe Reader is required to view provided software manuals.

3. When ready, click **Next**.

The *Install Ocularis Components* screen appears. The order in which you install components does not matter.

In this section, we will document the installation of Ocularis Base.

4. Click the **Ocularis Base** button.

The *Install Ocularis Base* screen appears. Read through the installation instructions.

5. Click **Install Ocularis Base**.

The *Ocularis Base Setup Wizard* screen appears.



Figure 1 Ocularis Base Setup Wizard

6. Click **Next**.

7. The *License Agreement* appears. Please read, click the “I accept..” radio button and then click **Next**.
8. Select between the *Demo* or *Retail* version of Ocularis Base.

The **Demo** version provides for a limited number of camera licenses and a single license for Video Content Analytics and Ocularis Video Wall. There is also an expiration date associated with this license. Choose this option only if you know you are working with a demo license. This option is applicable only to Ocularis ES and Ocularis CS.

The **Retail** version is only limited by the licenses purchased. This option is available for all feature sets of Ocularis.

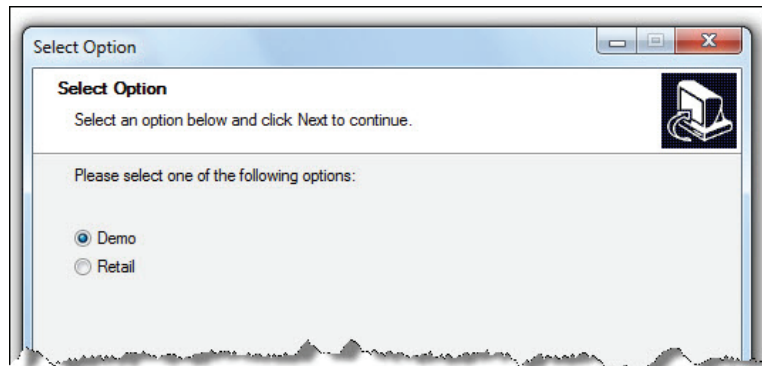


Figure 2 Select Demo or Retail Version

9. Click **Next**.
10. Select between **New Installation** and **Upgrade** depending on whether Ocularis Base already exists on this machine.

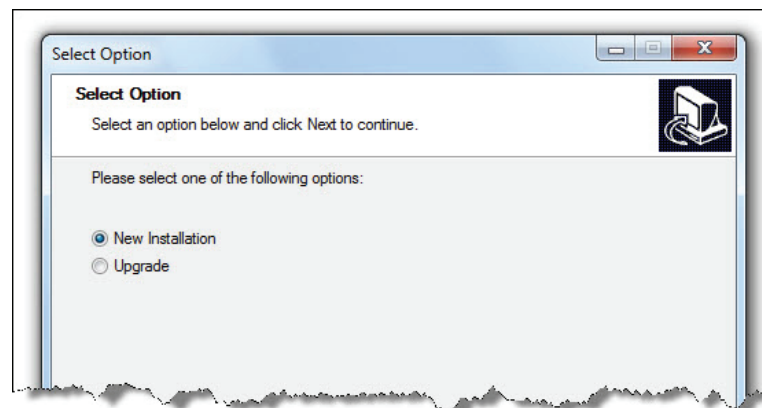


Figure 3 Select if New Installation or Existing Installation

11. Click **Next**.
12. If you see the message:

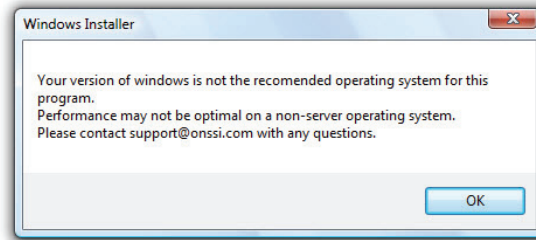


Figure 4 Operating System Warning Message

and you are installing the **Retail** version: **STOP**. Be sure that you truly wish to proceed. Contact OnSSI Tech Support if you have any questions. (If you are installing the **Demo** version, this message may be bypassed.) Click **OK**.

The installation proceeds with installing necessary dependencies. SQL Server 2008 Express will be installed.

13. Once the dependencies are installed, the *Select Destination Folder* screen appears.

You may leave the default directory path as is or change it if necessary according to your organization. If installing the **Demo** version, keeping the default path is recommended.

14. Click **Next**.

The next screen, *Ready to Install the Program*, will confirm the file path and disk space requirements.

15. Click **Next** if OK. Click **Back** to make changes to the directory path or the folder.

The Ocularis Base software is installed.

When installation is completed, the *Setup Wizard Complete* for Ocularis Base screen appears.

16. Click **Finish**.

The installation of Ocularis Base will create the following icon on the desktop:



## Licensing Ocularis Base

Once the Ocularis Base component is installed, an additional licensing step may be required.

- All new installations require the Ocularis Base to be licensed.
- When upgrading from an Ocularis version 1.x and prior, INSTALLATIONS REQUIRE A NEW SLC. This applies to Demo, Retail and Trial versions.
  - For upgrades (Demo, Retail or Trial), you may download the software but DO NOT start the upgrade installation unless and until you have your new 2.0.1 SLC in hand and proceed with the licensing steps below.
- When upgrading from an Ocularis version 2.0, INSTALLATIONS DO NOT REQUIRE A NEW SLC. This applies to Demo, Retail and Trial versions. Simply install the new software over the existing software. The licensing step may be skipped. However, if additional camera licenses were added or other changes made, you will receive a new .v2c file and will need to update your Base.
  - Launch the Ocularis License Activation application and skip to step 13 below.

### TO LICENSE OCULARIS BASE

This includes: Demo, Retail, new, or upgrade.

1. On the PC where the Ocularis Base component is installed, locate the following icon on the desktop:



2. If you are logged in under the Windows 'Administrator' account, double-click this icon to launch the *Ocularis License Activation* application. If you are logged in under another account with administrative rights, right-click the icon and select 'Run as Administrator'.

The image shown in Figure 5 is displayed.

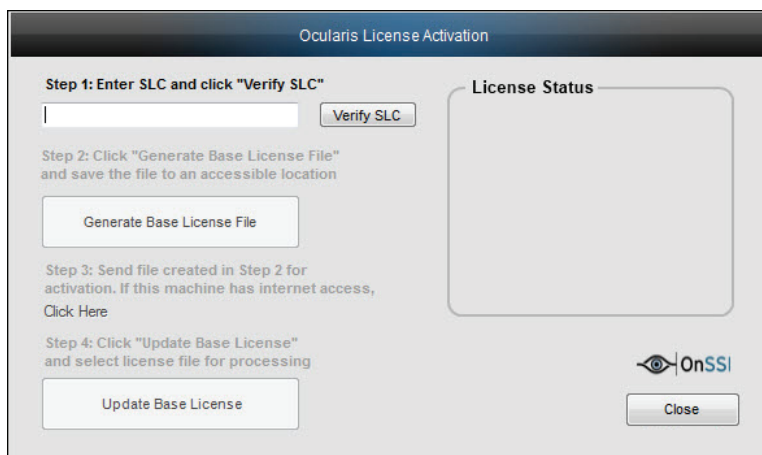


Figure 5 Ocularis License Activation on a fresh system

On upgrade installations, the *License Status* area will identify that you need to obtain a new SLC.

3. Enter the Ocularis Base SLC in the field provided in 'Step 1: Enter SLC and click "Verify SLC"'.
  4. Click **Verify SLC**.

The *Licensing Status* area will update to reflect the licensing defined by the SLC.

5. If the Ocularis Base installation is:
  - for a *Demo* version, click **Close**. The activation is complete. The software is licensed for the number of days and number of licenses shown.
  - If the Ocularis Base installation is an upgrade or a new fully licensed *Retail* installation, a few more steps are required. Continue to step 6.
6. A file needs to be generated by the licensing application on the Ocularis Base machine based on the SLC entered.  
Refer to Figure 5 and refer to onscreen instructions: “*Step 2: Click “Generate Base License File...”*” and click the **Generate Base License File** button.



**Warning:**

**This step may only be done once. It is important to be sure that the PC used to license Ocularis Base be the final PC in which the software will reside. This only needs to be done for new Ocularis installations.**

7. A Windows save dialog box appears, prompting for a file location. Specify an easily accessible location to store the **.c2v** file that is generated.
8. Refer to onscreen instructions: “*Step 3: Send file created in Step 2 for activation....*”
  - a.) if you have access to the internet from the Ocularis Base machine, click the ‘*Click Here*’ link provided on the screen as shown in Figure 5. This will launch a browser to the *Ocularis Base Licensing Page*.
  - b.) If you do not have access to the internet from this machine:
    - i) bring the **.c2v** file generated above to another workstation that does have internet connectivity
    - ii) open a browser and type the following URL:

<http://www.onssi.com/sendc2v>

The following screen appears in the browser:

### Ocularis Base Licensing

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Fields marked with Asterisk \* are mandatory

**\* Installation information**

Type

Purchased From OnSSI by  
(integrator / distributor):

Are you installing the  
Ocularis Base on a Stand-  
alone or Virtual Machine? \*

---

Contact Name \*

Email \*

Phone \*

Company \*

City \*

State/Province \*

Zip/Postal Code \*

Country

Ocularis Software License  
Code

Attach your .c2v file

**Please Note:**  
The Ocularis Base can be installed on one machine only; once the license has been used it is **NOT** possible to license the same Software License Code on a different machine. Please email [support@onssi.com](mailto:support@onssi.com) with any questions.

Figure 6 Ocularis Base Licensing Web Page

9. Fill out the form and remember to attach the .c2v Base License File that was generated in the prior step.
10. When finished, click the **Send** button.

OnSSI will process the file based on your purchased license and email to you a new file with a **.v2c** extension. The turn around time is approximately one hour during normal business hours.<sup>1</sup>

11. Detach the **.v2c** file provided by OnSSI to a location easily accessible to the machine with Ocularis Base installed.
12. Launch the *Ocularis License Activation* application on the Ocularis Base machine if it is not already open.

(If you are logged in under the Windows '*Administrator*' account, double-click the desktop icon to launch the *Ocularis License Activation* application. If you are logged in under another account with administrative rights, right-click the icon and select '*Run as Administrator*')

13. Click the **Update Base License** button as shown in Figure 5.
14. Locate and select the **.v2c** file.
15. Click **Open**.

The Licensing Info area of the Ocularis License Activation screen will update to reflect installed licenses as well as your SLC. The software is ready for use.

16. Click **Close** to close the *Ocularis License Activation* application.

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<sup>1</sup> Support hours for licensing are 8:00 a.m. to 5:00 p.m. Eastern time.

## Installing Ocularis Administrator

- Refer to the system requirements defined on our website for hardware requirements.
- The *Ocularis Administrator* must have network connectivity to the machine where the Ocularis Base software is installed.
- Prior to using *Ocularis Administrator* on a new system, you must license your copy of Ocularis Base. See [Licensing Ocularis Base](#) on page 10 for more details.
- Follow this procedure when installing a new system or upgrading an older version of Ocularis Administrator.

### TO INSTALL OCULARIS ADMINISTRATOR

1. On the machine you wish to install the *Ocularis Administrator* application:

- insert the installation DVD and wait for autorun to display the menu
- or double-click the file downloaded from the onssi.com website.

2. Click **Next**.

The screen details installation instructions. Please read these instructions.

You may print the instructions by clicking the **Print this page** button or access user manuals by clicking the **Manuals and Documentation** button. Adobe Reader is required to view provided software manuals.

3. When ready, click **Next**.

The *Install Ocularis Components* screen appears. The order in which you install components does not matter.

In this section, we will document the installation of *Ocularis Administrator*.

4. Click the **Ocularis Admin** button.

Read the installation instructions and when ready, click the **Install Ocularis Admin** button.

5. If there is a previous version of *Ocularis Administrator* installed, you will receive the message:

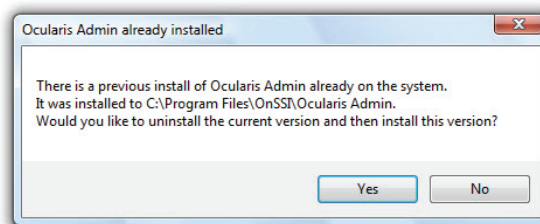


Figure 7 Prior version confirmation message

6. Click **Yes** to uninstall the old version to prepare the system for the new version.
7. At the "Are you sure that you want to remove Ocularis Admin and all of its components?" pop-up, click **Yes**.
8. The old version is removed and a confirmation message stating that the Wizard has successfully uninstalled Ocularis Admin appears. Click **OK**.  
The *Ocularis Admin Setup Wizard* appears.
9. Click **Next**.



10. The *License Agreement* appears. Please read, click the “I accept..” radio button and then click **Next**.
11. The *Select Destination Folder* screen appears.  
You may leave the default directory path as is or change it if necessary according to your organization. If installing the **Demo** version, keeping the default path is recommended.
12. Click **Next**.  
The next screen, *Ready to Install the Program*, will confirm the file path and disk space requirements.
13. Click **Next** if OK. Click **Back** to make changes to the directory path or the folder.  
The *Ocularis Administrator* software is installed.
14. When completed, the *Setup Wizard Complete* for Ocularis Administrator screen appears.
15. Click **Finish**.

The installation of *Ocularis Administrator* will create the following icon on the desktop:



## Installing Ocularis Client

- The Ocularis Client may be installed on as many systems as desired.
- Refer to the system requirements defined on our website for hardware requirements.
- Follow this procedure when installing a new system or upgrading existing copies of Ocularis Client.

### TO INSTALL OCULARIS CLIENT

1. On the machine you wish to install the *Ocularis Client* application:
  - insert the installation DVD and wait for autorun to display the menu
  - or double-click the file downloaded from the onssi.com website

2. Click **Next**.

The screen details installation instructions. Please read these instructions.

You may print the instructions by clicking the **Print this page** button or access user manuals by clicking the **Manuals and Documentation** button. Adobe Reader is required to view provided software manuals.

3. When ready, click **Next**.

The *Install Ocularis Components* screen appears. The order in which you install components does not matter.

In this section, we will document the installation of *Ocularis Client*.

4. Click the **Ocularis Client** button.

Read the installation instructions and when ready, click the **Install Ocularis Client** button.

5. If there is a previous version of *Ocularis Client* installed, you will receive the message:

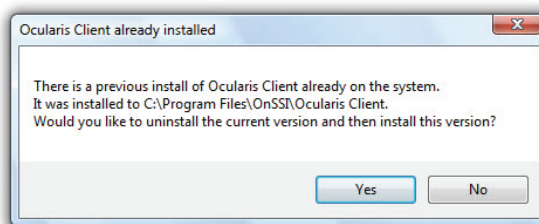


Figure 8 Prior version confirmation message

6. Click **Yes** to uninstall the old version to prepare the system for the new version.
7. At the “*Are you sure that you want to remove Ocularis Client and all of its components?*” pop-up, click **Yes**.
8. A message stating that the Wizard has successfully uninstalled *Ocularis Client* appears. Click **OK**.

The *Ocularis Client Setup Wizard* appears. This may take several seconds.

9. Click **Next**.
10. The *License Agreement* appears. Please read, click the “I accept..” radio button and then click **Next**.
11. The *Select Destination Folder* screen appears.

You may leave the default directory path or change it if necessary according to your organization. If installing the **Demo** version, keeping the default path is recommended.

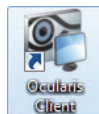
12. Click **Next**.
13. The *Select Option* screen appears.
14. Select the desired language for *Ocularis Client* from the drop-down menu.
15. Click **Next**.
16. The next screen, *Ready to Install the Program*, will confirm the file path and disk space requirements.
17. Click **Next** if OK. Click **Back** to make changes to the directory path or the folder.

The *Ocularis Client* software is installed.

18. When the *Ocularis Client* Setup is completed, the *Setup Wizard Complete for Ocularis Client* screen appears.
19. Click **Finish**.

The software installation will result in the display of the following desktop icons:

*Ocularis Client*



*Ocularis Viewer*



## Ocularis Event Proxies

Event Proxies are used to route events and other information from the recording component to the Ocularis Base. Therefore, the feature sets that use event proxies are: *Ocularis ES*, *Ocularis CS* and *Ocularis IS*. *Ocularis CS* and *Ocularis IS* share the same event proxy. *Ocularis ES* has its own. The procedures to install each are slightly different and are defined below.

- [RC-C / RC-I Event Proxy](#)
- [RC-E Event Proxy](#)

### **RC-C / RC-I Event Proxy**

The RC-C / RC-I Event Proxy is used for routing events generated by the RC-C or RC-I recording component to the Ocularis Base Event Coordinator. The RC-C / RC-I Event Proxy must be installed on the same machine as the RC-C or RC-I recorder.

The following topics are covered in this section:

- [Installing the RC-C / RC-I Event Proxy](#)
- [Configuring the RC-C / RC-I Event Proxy](#)
- [Restarting the RC-C / RC-I Event Proxy](#)

### **INSTALLING THE RC-C / RC-I EVENT PROXY**

1. On the machine you wish to install the RC-C / RC-I *Event Proxy*:

- insert the installation DVD and wait for autorun to display the menu
- or double-click the file downloaded from the onssi.com website

2. Click **Next**.

The screen details installation instructions. Please read these instructions.

You may print the instructions by clicking the **Print this page** button or access user manuals by clicking the **Manuals and Documentation** button. Adobe Reader is required to view provided software manuals.

3. When ready, click **Next**.

The *Install Ocularis Components* screen appears. The order in which you install components does not matter.

In this section, we will document the installation of the RC-C / RC-I *Event Proxy*.

4. Click the **Ocularis Plugins** button.
5. Click the **Install RC-C / RC-I Event Proxy** button.
6. If a previous version of the *RC-C / RC-I Event Proxy* or the *NetDVMS Event Proxy* is detected, you will be asked to remove this version to install the current version. Click **Yes**.
7. Use the Proxy Setup Wizard to walk through the installation. Click **Next**.
8. At the *Select Destination Folder* screen, you may leave the default directory path or change it if necessary according to your organization. If installing the **Demo** version, keeping the default path is recommended.
9. Click **Next**.

10. The next screen, *Ready to Install the Program*, will confirm the file path and disk space requirements. Click **Next** if OK or click **Back** to make changes to the directory path or the folder.
11. After clicking **Next**, the RC-C / RC-I Event Proxy software is installed.
12. When the installation is complete, the Setup Wizard Complete for RC-C / RC-I Event Proxy appears. Click **Finish**.

The RC-C / RC-I *Event Proxy* is installed.

The installation of *RC-C / RC-I Event Proxy* will create the following icon on the desktop:



## Configuring the RC-C / RC-I Event Proxy

Ocularis CS and Ocularis IS recorder events, set up in each corresponding *Management Application*, are sent to Ocularis Base via the NetCentral port. Configuring the RC-C / RC-I Event Proxy includes configuring NetCentral settings in the corresponding *Management Application* and configuring settings within the RC-C / RC-I Event Proxy screen. Two steps are involved:

- Configure Events in the *Management Application* for RC-C or RC-I
- Configure Parameters in the RC-C / RC-I Event Proxy

### Configure Events in the Management Application for RC-C or RC-I

1. On the RC-I or RC-C machine, open the *Management Application*.
2. Expand the *Advanced Configuration* branch.
3. Right-click the *NetCentral* node and select **Properties**.
4. In the *NetCentral settings*, check the **Enable NetCentral connections** checkbox.
5. Fill in the following:

<b>Login name</b>	Enter a valid login name found in the NVR. You may use the <i>admin</i> account if you want.
<b>Password</b>	Enter the password for the login account entered above.
<b>Port</b>	This is the port that will be used to communicate events between the NVR and the RC-C / RC-I Event Proxy. You may keep the default of <b>1237</b> in most cases.

Table 1 NetCentral Settings

6. When done, click **OK** to close the *NetCentral Settings* pop-up.
7. **Exit** to the *Management Application*, Save changes and restart services.

### Configure Parameters in the RC-C / RC-I Event Proxy

1. Open the **RC-C / RC-I Event Proxy** from Windows:  
**Start** → **All Programs** → **OnSSI** → **RC-C / RC-I Event Proxy**

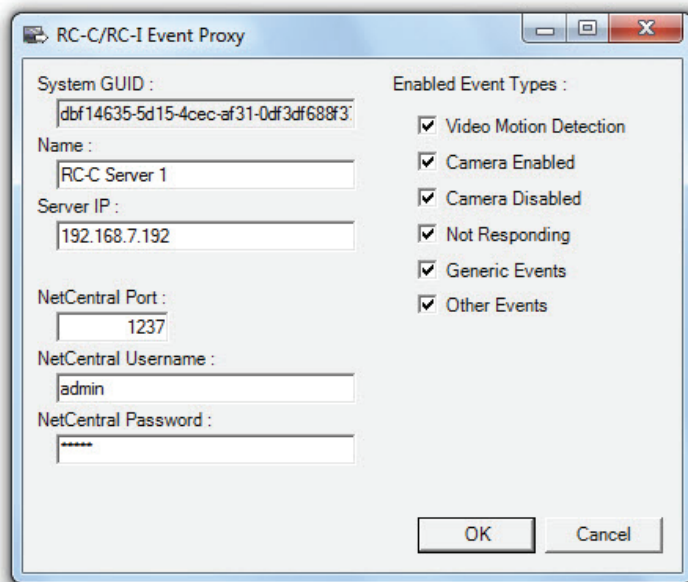


Figure 9 RC-C / RC-I Event Proxy

2. The **System GUID** and **Name** fields are automatically generated. You may modify the Name field as this is what will be displayed in the *Ocularis Administrator* application. This will be listed as the event source so it is common to label it so that it is easy to identify the NVR for which it is routing.
3. Enter the following as configured by the administrator:

<b>Server IP</b>	This is the IP Address of the server that Ocularis Base is installed.
<b>NetCentral Port</b>	This port much match the same port as defined in the NetCentral settings of the NVR's <i>Management Application</i> . In most cases, you will use the default of <b>1237</b> .
<b>NetCentral Username</b>	This is the same username defined in the NetCentral settings of the NVR's <i>Management Application</i> .
<b>NetCentral Password</b>	This is the password for the NetCentral Username and should match the one defined in the NetCentral settings of the NVR's <i>Management Application</i> .

Table 2 RC-C / RC-I Event Proxy Settings

4. Click the event type you would like to configure under **Enabled Event Types**. At least one event type must be checked.
5. When done, click **OK**.

Once the RC-C / RC-I Event Proxy is set up, the selected events will appear in the *Ocularis Administrator* Events pane in the **Servers / Events** tab. This enables the mapping of cameras to events, simply by dragging a camera onto an event. This will enable alerts to display in the *Ocularis Client*.

### Restarting the RC-C / RC-I Event Proxy

1. Open the **RC-C / RC-I Event Proxy** from Windows:  
**Start → All Programs → OnSSI → RC-C / RC-I Event Proxy**

2. Verify the Settings in this screen.
3. Click **OK**.

The proxy is restarted and events should now be recognized in Ocularis.

## **RC-E Event Proxy**

The RC-E Event Proxy is used to route events generated by Ocularis ES RC-E Recorders to the OnSSI Event Coordinator via the RC-E Server (Management Server). The RC-E Event Proxy may be installed on any machine with network connectivity to the RC-E Management Server and the Ocularis Base Server. Typically, it is installed on the same machine as the RC-E Server (Management Server).

The following topics are covered in this section:

- [Installing the RC-E Event Proxy](#)
- [To Configure Parameters in the RC-E Event Proxy](#)
- [To Modify Parameters in the RC-E Event Proxy](#)

### **INSTALLING THE RC-E EVENT PROXY**

1. On the machine you wish to install the RC-E *Event Proxy*:
  - insert the installation DVD and wait for autorun to display the menu
  - or double-click the file downloaded from the onssi.com website

2. Click **Next**.

The screen details installation instructions. Please read these instructions.

You may print the instructions by clicking the **Print this page** button or access user manuals by clicking the **Manuals and Documentation** button. Adobe Reader is required to view provided software manuals.

3. When ready, click **Next**.

The *Install Ocularis Components* screen appears. The order in which you install components does not matter.

In this section, we will document the installation of the RC-E *Event Proxy*.

4. Click the **Ocularis Plugins** button.
5. Read the on-screen instructions and when ready, click the **Install RC-E Event Proxy** button.
6. If a previous version of the *RC-E Event Proxy* or the *NetEVS Event Proxy* is detected, you will be asked to remove this version to install the current version. Click **Yes**.
7. Use the Proxy Setup Wizard to walk through the installation. Click **Next**.
8. At the *Select Destination Folder* screen, you may leave the default directory path or change it if necessary according to your organization. If installing the **Demo** version, keeping the default path is recommended. Click **Next**.
9. The next screen, *Ready to Install the Program*, will confirm the file path and disk space requirements. Click **Next** if OK or click **Back** to make changes to the directory path or the folder.
10. After clicking **Next**, the RC-E Event Proxy software is installed.
11. When the installation is complete, the Setup Wizard Complete for RC-E Event Proxy appears. Click **Finish**.

The *RC-E Event Proxy* is installed.

**TO CONFIGURE PARAMETERS IN THE RC-E EVENT PROXY**

1. Open the **RC-E Event Proxy** from Windows:  
**Start → All Programs → OnSSI → RC-E Event Proxy**

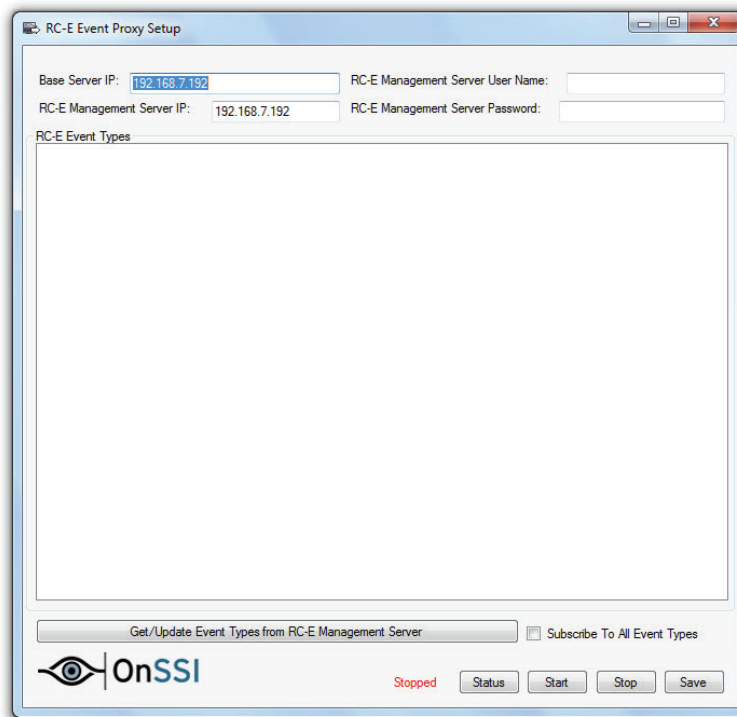


Figure 10 RC-E Event Proxy

2. Configure the settings on the RC-E Event Proxy Setup screen according to the following:

<b>Base Server IP</b>	Enter the IP Address for the server which contains the Ocularis Base component (and thereby the OnSSI Event Coordinator)
<b>RC-E Management Server IP</b>	Enter the IP Address for the server which contains the RC-E Management Server. This is the machine that you log in to with the RC-E Management Client.
<b>RC-E Management Server User Name</b>	Enter a username for an account with full administrative rights to the RC-E Management Server
<b>RC-E Management Server Password</b>	Enter the corresponding password for the account listed above

Table 3 RC-E Event Proxy Settings

3. Once the four data items above are entered, click the **Get/Update Event Types from RC-E Management Server** button. This function will retrieve events from the RC-E Management Server and allow you to select which you wish to monitor in Ocularis.
4. Select the events that you wish to monitor in Ocularis. You may select as many as you like and check **Subscribe To All Event Types** to select the entire list.



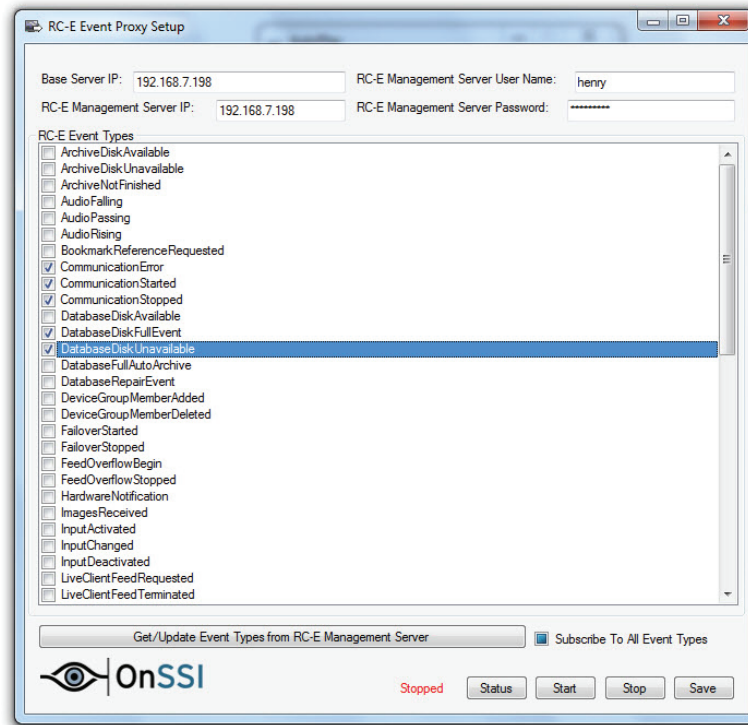


Figure 11 RC-E Event Proxy Events (Sample)

5. Click the **Save** button.

An .xml file is generated which communicates settings to the OnSSI Event Coordinator.

6. Click the **Start** button. RC-E camera events will now be forwarded to Ocularis Base.

### TO MODIFY PARAMETERS IN THE RC-E EVENT PROXY

1. Open the **RC-E Event Proxy** from Windows:

**Start → All Programs → OnSSI → RC-E Event Proxy**

2. Click the **Stop** button, to stop the proxy.
3. Click the **Get/Update Event Types from RC-E Management Server** to update any new events.
4. Make any desired changes to events (select or deselect) as well as IP address or user account changes.
5. Click the **Save** button to save the settings.
6. Click the **Start** button to restart the proxy using the new settings.
7. Click the **Finish** button when done.

## Contact Information

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