LEGAL NOTICE

This product manual is intended for general information purposes only, and due care has been taken in its preparation. Any risk arising from the use of this information rests with the recipient, and nothing herein should be construed as constituting any kind of warranty.

© 2002-2015 On-Net Surveillance Systems, Inc. All rights reserved. OnSSI and the ‘Eye’ logo are registered trademarks of On-Net Surveillance Systems, Inc. Ocularis, Ocularis Client, Ocularis Client Lite, Ocularis Video Synopsis, NetEVS, NetDVMS, NetDVR, ProSight, NetGuard, NetGuard-EVS, NetSwitcher, NetMatrix, NetCentral, NetTransact, NetPDA and NetCell are trademarks of On-Net Surveillance Systems, Inc. All other trademarks are property of their respective owners.

On-Net Surveillance Systems, Inc. reserves the right to change product specifications without prior notice.

US patent # 8,390,684 B2 for Ocularis Client
Patents Applied For in the U.S. and Abroad
# Table of Contents

## INTRODUCTION

## GETTING STARTED WITH OCULARIS

- Review OnGuard Manuals
- Review Ocularis Manuals
- Installation & Configuration

## OnGuard Installation & Configuration Prerequisites

- Message Queuing (MSMQ)
- OnGuard Single Sign-On User
- OnGuard Services

## Installing OnGuard to Ocularis Event Proxy

- Message Queuing (MSMQ)
- To Install the OnGuard to Ocularis Event Proxy

## OnGuard to Ocularis Event Proxy Administration

## Ocularis Administrator Configuration

## OnGuard Alarm Monitoring

## Ocularis Client Operation

## Contact Information
Introduction

This manual provides detailed instructions for installing and configuring the component to send OnGuard events to Ocularis.

Getting Started with Ocularis

**Review OnGuard Manuals**

- Review the DataConduIT User Guide documentation.
  
  Chapter 2 Getting Started is very important for setup to enable events to be processed through the OnGuard to Ocularis Event Proxy. Completely understand OnGuard Single Sign-On (SSO) User as well as the Authentication, Authorization, Receive Events and set up of Using DataConduIT from a Remote Computer to ensure proper connection of the OnGuard to Ocularis Event Proxy to OnGuard.

**Review Ocularis Manuals**

- Review the Ocularis Installation and Licensing Guide documentation.
- Review the Ocularis Administration User Manual documentation.
- Review the Ocularis Client User Manual documentation.

**Installation & Configuration**

- Once all Ocularis components are installed, synchronize the date and time between the server and workstations.
OnGuard Installation & Configuration Prerequisites

MESSAGE QUEUING (MSMQ)

Ensure Microsoft Message Queuing is installed on the OnGuard server system.

ONGUARD SINGLE SIGN-ON USER

Create a single sign-on account as per the OnGuard documentation.

1. Open **OnGuard System Administration → Administration → Directories**…
2. In the **General** tab enter:
   - **Name** – Name of the local account, ex WinLocalAccount
   - **Type** – example: Windows Local Accounts
   - **Hostname** – Computer name where OnGuard is installed, example: TEST-10-224
   - Check **Enable single sign-on** checkbox.

3. In the **Authentication** tab:
   - Click the **Current Windows account** radio button

![Figure 1 General Tab of Directories](image-url)
4. Click **Close**.

5. Open **OnGuard System Administration → Administration → Users**…

6. In the **Users** tab
   - Link the Current Windows Account (in this example Administrator) to the **System Account** users, under the **Directory Accounts** tab link the **WinLocalAccount**.
Figure 3 Users Tab of Users
ONGUARD DATACONDUIT

Enable the DataconduIT service to generate software events as per the OnGuard documentation.

1. Open OnGuard System Administration ➔ Administration ➔ System Options…

2. In the General System Options tab enter:
   - Under DataConduIT service check Generate software events checkbox.
   - Enter the Linkage Server host name. Example: TEST-10-224

![Figure 4 General System Options](image)

3. Click OK.
ONGUARD SERVICES

1. Check that the following Services are set to Automatic on the OnGuard server machine.
   - LS Linkage Server service is set to Automatic.
   - LS DataConduit Service is set to Automatic.

2. Modify the LS DataConduit Service to be executed as the same user that was created in OnGuard Single Sign-On User on page 3. For example: \Administrator

---

**Figures:**
- Figure 5 Windows Services
- Figure 6 User for LS DataConduit
Installing OnGuard to Ocularis Event Proxy

- Refer to the system requirements defined on the OnSSI website for hardware specifications for Ocularis.
- Follow the procedure below when installing a new system or upgrading existing copies of this event proxy.

MESSAGE QUEUING (MSMQ)

Ensure Microsoft Message Queuing is installed on the event proxy system.

TO INSTALL THE ONGUARD TO OCULARIS EVENT PROXY

These instructions assume that you have installed Ocularis and are located at the system on which you wish to install the OnGuard to Ocularis Event Proxy. This can be any system with network connectivity to both the Ocularis Base and OnGuard server.

1. Double click the file Setup.exe to begin the installation process.

2. At the Welcome screen, click Next.
3. Use the default folder or enter another location for the installation files. Select for **Everyone** or **Just me**. Click **Next** to continue.

4. On the **Confirm Installation** page, click **Next** to start the installation.
5. On the **Set Service Login** screen, enter the username and password for the OnGuard to Ocularis Event Proxy service. Enter the **Single sign-on** user created on page 3 (**OnGuard Single Sign-On User**).

6. Click **Close**.

An icon to launch the proxy administrator will be appear on the desktop. This icon is labeled ‘OnGuard to Ocularis Events Configuration’.
OnGuard to Ocularis Event Proxy Administration

This process is used to route events from an OnGuard server to the Ocularis Base.

1. Launch the **OnGuard to Ocularis Events Configuration** application from the desktop of the machine on which it was installed.

2. In **OnGuard** section of the **Settings** tab:
   a. if the proxy is installed on the OnGuard Server machine, the **Host**, **Username** and **Password** can remain blank
   b. if the proxy is installed on a remote machine, enter the OnGuard Server **Host** IP Address, the Single Sign On **Username** and Single Sign On **Password**.

3. In the **Ocularis** section, enter the Ocularis Base IP address in the **Host** field.

4. For the **Source Name**, enter a label for the OnGuard installation as you would like it to appear in the **Ocularis Administrator Server/Events** tab.

5. Click **Save**.

6. Click the **Test** button. A pop-up with a **Success** message appears when a successful connection to OnGuard is made.
7. In the **Devices** tab, there are Panel(s) defined in the list.

   ![Configure Devices Tab](image1.png)

   **Figure 13 Configure Devices Tab**

   Select the desired Panel(s) and click **Save**.

8. In the **Events** tab, select the Event Type(s) that you want OnGuard to send to Ocularis.

   ![Configure Events Tab](image2.png)

   **Figure 14 Configure Events Tab**

9. Click **Save**.
Ocularis Administrator Configuration

Some configuration is required on the Ocularis Base. Use the *Ocularis Administrator* application to configure the Base.

1. Log into **Ocularis Administrator**.

   *OnGuard* events will appear under the **Events** pane of the **Server / Events** tab.

2. Follow the standard procedure to map Ocularis cameras to *OnGuard* events as you would any other events. Ensure you have the appropriate privileges to any cameras used in the mapping and that the events are included in corresponding Distribution Groups.

For more information on Ocularis events and their configuration, review the *Ocularis Administrator User Manual*. 
OnGuard Alarm Monitoring

Figure 16 Alarm Monitoring
Ocularis Client Operation

Log into the Ocularis Client. Display a view that contains a Blank Screen. When an OnGuard or any other configured event occurs, any combination of the following may result:

- Video from an associated camera will display in the Blank Screen
- Sound configured to the event may be played
- An email may be sent to authorized recipients
- A PTZ camera may be moved to a configured preset
- ASCII or binary data from Oculars may be sent to a designated recipient
- HTTP requests may be generated

For more information on Ocularis events and their configuration, review the Ocularis Administrator User Manual.
Contact Information

On-Net Surveillance Systems (OnSSI)

One Blue Plaza
7th Floor
P.O. Box 1555
Pearl River, NY 10965

Website:  www.onssi.com
General:  info@onssi.com  845.732.7900
Fax:  845.732.7999
Sales Support:  sales@onssi.com  845.732.7900 x 1
PreSales Support  se@onssi.com  845.732.7900 x 2
Technical Support:  support@onssi.com  845.732.7900 x 3
Training:  training@onssi.com  845.732.7900 x 4
Marketing:  marketing@onssi.com  845.732.7900 x 5