Qognify

OnGuard SEI Plugin Setup Guide

Document Identification				
Product Name:	Ocularis Integration			
Release Version:	Se Version: OnGuard 7.6 / Ocularis 6.0			
Distribution Status:	Approved for Customer Release			
Issue Date:	ue Date: December 2020			

PROPRIETARY AND CONFIDENTIAL INFORMATION

All information contained herein is confidential, proprietary and the exclusive property of Qognify Ltd and its affiliates ("Qognify"). This document and any parts thereof must not be reproduced, copied, disclosed or distributed without Qognify's written approval and any content or information hereof shall not be used for any unauthorized purpose. The software described herein, and any other feature or tools are provided "AS IS" and without any warranty or guarantee of any kind.

All contents of this document are: Copyright © 2021 Qognify Ltd. All rights reserved.

Document Approval

Role	Name	Title	Date
Author	Yevgen Pavlov	QA Engineer	12/01/2020
Reviewer			
Approval			

Revision History

Version	Status	Date
0.0	For release	12/01/20

Contents

1	Introduction				
	1.1	Wh	no Should Read This Guide	1	
2	Over	view		2	
	2.1	Su	pported Versions	5	
	2.2	Ор	erating System Support	5	
	2.3	So	ftware Prerequisites	5	
3	Insta	llation		6	
	3.1	SE	I Plugin Installation	6	
	3.2	Lic	ensing	6	
	3.3	Log	gging	6	
4	Supp	orted I	Functionality	7	
5	Conf	igurati	ons	8	
	5.1	On	Guard System	8	
		5.1.1	Verify OnGuard License	8	
		5.1.2	Define OpenAccess Host	8	
	5.2	On	Guard SEI Plugin	9	
		5.2.1	Add Event Interface	9	
		5.2.2	Configure Connection to OnGuard	13	
		5.2.3	Select Devices from OnGuard	14	
		5.2.4	Select States and Events	14	
	5.3	Oc	ularis System	17	
		5.3.1	Discover OnGuard devices and events in Ocularis	17	
		5.3.2	Associate Camera with OnGuard Devices	19	
		5.3.3	Add OnGuard Events to Distribution Groups	21	
		5.3.4	Add Devices on a Map	22	
6	Note	s and k	Known Limitations	25	

List of Tables

Table 2-1: Supported Versions	. 5
Table 4-1: Supported Operations	. 7

List of Figures

Figure 6-1: OnGuard license	8
Figure 5-2: OpenAccess Host	9
Figure 5-3: Add Event Interface Module	10
Figure 5-4: Event Interface Module Parameters	11
Figure 5-5: Event Interface Module	12
Figure 5-6: Create New Object	12
Figure 5-7: Event Interface General	13
Figure 5-8: Event Interface Items	14
Figure 5-9: SEI Configuration Tool	15
Figure 5-10: Choose State Types	15
Figure 5-11: Prioritize state types	16
Figure 5-12: Choose Assigned Event Types	16
Figure 5-13: Recorder Event Filters	17
Figure 5-14: Refresh Server	18
Figure 5-15: Devices in Servers	18
Figure 5-16: Verifying Selected States and Events	19
Figure 5-17: Server / Events tab	20
Figure 5-18: Camera Association	20
Figure 5-19: Distribution Groups Tab	21
Figure 5-20: Adding Events	21
Figure 5-21: Adding User	22
Figure 5-22: OC Client Login	22
Figure 5-23: Alert Manager	22
Figure 5-24: Select Map	23
Figure 5-25: Map in Administrator	23
Figure 5-26: Map in Client	24

1 Introduction

This document includes all information needed to understand, install and use the OnGuard SEI Plugin, which is the integration interface between Ocularis and OnGuard.

1.1 Who Should Read This Guide

The information and procedures described in this document are for use by qualified Ocularis system administrators and professional services engineers.

2 Overview

The plugin uses the SEI Interface to connect to Ocularis.

The plugin uses the OpenAccess API (REST web services, SingalR event bridge) to connect to OnGuard.

The plugin supports only transient event subscription to OnGuard. This means that the plugin will only receive events while the connection to OnGuard is active. Sustained subscription is not supported. The plugin supports the hardware events only.

CAUTION: This integration supports up to 1,000 OnGuard devices. If more devices are connected to your OnGuard system, a performance issue may occur.

The integration of Ocularis with OnGuard provides users with the following capabilities:

- Obtain a list of devices from OnGuard
- Obtain a list of event types from XML configuration file
- Send both lists to Ocularis
- Select devices to receive events from OnGuard
- Select which hardware statuses will be pushed into Ocularis
- Select which events will be pushed into Ocularis
- Send events from OnGuard to Ocularis
- Send commands from Ocularis to OnGuard

The following Item Types are available in the OnGuard SEI Plugin:

- Panel
- Reader
- Reader Input 1
- Reader Input 2
- Reader Output 1
- Reader Output 2
- Alarm Panel
- Alarm Input
- Alarm Output
- OffBoard Relay
- OnBoard Relay
- Intrusion Area
- Intrusion Door
- Intrusion Zone
- Elevator Terminal

Upon startup, the plugin automatically synchronizes the items (Hardware) for all supported item types from OnGuard to Ocularis. If the hardware configuration changes in OnGuard (e.g. hardware is renamed, removed, or added), the VMS_VA service needs to be restarted.

The Action Types supported by the plugin are specific to Item Types. Below, the supported Action Types are listed for each Item Type:

- 1. Alarm Input
 - Mask
 - Unmask
- 2. Alarm Output
 - Activate
 - Deactivate
 - Pulse
- 3. Elevator Terminal
 - Set Terminal Mode: Default floor only
 - Set Terminal Mode: Access to authorized floors
 - Set Terminal Mode: User entry of destination floor
 - Set Terminal Mode: Default floor or user entry of destination floor
- 4. Intrusion Area
 - Perimeter Arm
 - Entire Partition Arm
 - Master Delay Arm
 - Master Instant Arm
 - Perimeter Delay Arm
 - Perimeter Instant Arm
 - Partial Arm
 - Away Arm
 - Away Forced Arm
 - Stay Arm
 - Stay Forced Arm
 - Disarm
 - Silence Alarms
- 5. Intrusion Door
 - Open
 - Door Lock
 - Door Unlock
 - Set Door Secure
- 6. Intrusion Zone
 - Bypass
 - Un-bypass
- 7. Off-Board Relay
 - Activate
 - Deactivate
 - Toggle

- 8. On-Board Relay
 - Activate
 - Deactivate
- 9. Panel
 - Download Firmware
 - Download Database
 - Reset Use Limit
 - Update Hardware Status
 - Connect
 - Disconnect
 - Set Clock
- 10. Reader
 - Open Door
 - Set Mode: Locked
 - Set Mode: Card only
 - Set Mode: PIN or card
 - Set Mode: PIN and card
 - Set Mode: Unlocked
 - Set Mode: Faccode only
 - Set Mode: Cypherlock
 - Set Mode: Automatic
 - Enable Biometric Verify Mode
 - Disable Biometric Verify Mode
 - Enable First Card Unlock Mode
 - Disable First Card Unlock Mode
 - Download Firmware
- 11. Reader Input
 - Mask
 - Unmask
- 12. Reader Output
 - Activate
 - Deactivate
 - Pulse

To send a command in OnGuard you need to open a map in OC Client (64-bit) and click on the device.

2.1 Supported Versions

The supported versions required for this integration are listed in the following table.

Table 2-1: Supported Versions

Integration Components	Versions
Ocularis	6.0
OnGuard (OpenAccess API v.1.0)	7.6

2.2 Operating System Support

The plugin supports the following 64-bit operating systems:

- Windows 10, Windows Server 2016
- The plugin was tested on Windows Server 2016.

2.3 Software Prerequisites

The OnGuard SEI Plugin installation requires:

- Ocularis Base
- Ocularis Recorder
- Ocularis Recorder Proxy
- Ocularis Client

3 Installation

The flow for installing the Ocularis\OnGuard integration is as follows:

- 1. Install the OnGuard system
- 2. Install the Ocularis system
- 3. Install the OnGuard SEI Plugin

3.1 SEI Plugin Installation

In the following procedure, the plugin must be copied to the installation directory of Ocularis. The plugin consists of several dll and xml files that handle the communication between the OnGuard and Ocularis system in both directions.

- 1. Open the Windows Explorer and navigate to the Qognify installation directory. Default: *C:\Program Files\Qognify*
- Check if the following path exists, otherwise create the missing folders. C:\Program Files\Qognify\OcularisRecorder\VersatileApplications64\EventPlugins\SeeTec.Lenel OnGuard.SEIPlugin
- 3. Extract the plugin zip file to this folder without creating additional subfolders.

Only a 64 bit version of the plugin is available.

3.2 Licensing

- After installation of Ocularis, you can use the software 30 days as a trial version without limitations. When the trial period is over, you must order a valid license that includes the feature "Event Interface".
- For OnGuard a license file is required that contains the OpenAccess feature.

3.3 Logging

Plugin log files can be found in the *log* folder under the Ocularis Recorder *installation* folder (C:\Program Files\Qognify\Ocularis Recorder\log):

- For Ocularis plugin host service va.log
- For the plugin VA_EI_*Module ID*.log

The default logs level is INFO, you can change it to DEBUG in the OC Recorder Manager.

4 Supported Functionality

Plugin operations supported by this integration are outlined in the table below.

Y equals yes

N equals no

Table 4-1: Supported Operations

Systems	
System Communication	
Connect and authenticate	Y
Connect/disconnect status detection	Y
Discovery	
OnGuard devices discovery	Y
OnGuard event types discovery	Y
Filters	
Device filters	Y
Event type filters	Y
Events\Alarms	
Send events from OnGuard to Ocularis	Y
Commands	
Send commands from Ocularis to OnGuard	Y

5 Configurations

This chapter describes the configurations that must be made to the following components in order for the plugin to work properly:

- OnGuard system
- OnGuard SEI Plugin
- Ocularis system

5.1 OnGuard System

The following configurations need to be made in the OnGuard system:

- 1. Verify OnGuard license
- 2. Define OpenAccess host

5.1.1 Verify OnGuard License

This integration requires an OnGuard license with OpenAccess features enabled.

- To verify OnGuard license:
 - 1. Open the License Administration page.
 - 2. Click View and find the **OpenAccess Application Support** section.
 - 3. Verify that OpenAccess features are supported by your license:

Figure 5-1: OnGuard license

OpenAccess Application Support

Feature	Max Concurrent Va	lue
OpenAccess - Non-production - Not For Sal	e 🗆]
OnGuard Subscription Software Modules (S	WM-xxx)	1

5.1.2 Define OpenAccess Host

To be able to work with OnGuard, you must define an **OpenAccess host**.

- To define an OpenAccess host:
 - 1. Open the **System Administration** application.
 - 2. Navigate to **Administration > System Options**.

3. In the General System Options tab, define the OpenAccess host.

Figure 5-2: OpenAccess Host

Bystem Administration - System Account - [System Options]	- 🗆 X
🚓 Application Edit View Administration Access Control Monitoring Video Additional Hardware Logical Access Window Help	_ 8 ×
🚾 da 🗉 ? 😝 🎊 💆 🛋 🖹 🔤 🕞 🅵 🗷 🍓 🥦 🕿 🔜 🖻 🐼 🤷 🐇	
陸 萩 黒 田 🛛 🔌 😌 🖿 🐮 🕒 🗄 🎄 🎄 🖧 🌺 🛸 🎄 🛤 🕂 🖬 🔗 🦪 帮 🕾 🔇	
General System Options General Accest Optione Web Applications Client Lodate Hardware Sattions Anti-Pacebark Biometrice Lleer Commande	
Los on authorization warring	
None V Text Enable FIPS mode controller encryption	
DataCondulT service Configuration Download Service host	
V Generate sontware events	
Message Broker Service host	
QOGNIFY-LENEL75.CTDOMAIN LOCAL Browse	
- OpenAccess host	
3 Awwwww	
Specify monitor zone assignments	
Linkage Server host Default Badge Printing Service host	
QOGNIFY-LENEL75 V Browse Browse	
OK Cancel Help Close	

- 4. Click OK and restart the LS Communication Server
- 5. To verify that OpenAccess service is configured correctly, open the following URL: *"https://<servername>:8080/api/openaccess/version?version=1.0"*, where <servername> is the name of the OnGuard server where OpenAccess is running. The parameters **product name** and **product version** should be displayed.

5.2 OnGuard SEI Plugin

The following configurations need to be made in the SEI Plugin:

- 1. Add Event Interface
- 2. Configure connection
- 3. Select devices from OnGuard
- 4. Select states and events

5.2.1 Add Event Interface

To add a new event interface, you need first to add a new event interface module to the Ocularis Recorder.

- To add event interface:
 - 1. Open the OC Recorder VA Admin Tool.

2. Right click VAConfig and select Add new module->Event interface.



Figure 5-3: Add Event Interface Module

- 3. Specify the following parameters:
 - **Module name** any name.
 - Core server IP IP address of Ocularis server.
 - Module IP local IP address.
 - **Plugin** select the OnGuard SEI Plugin.

* 💿			
Configuration	Configuration Module name Event Interface Module 3 Module ID Service ID 3 -1 Type EventInterface Module IP 172.22.92.18	Reset service ID Module port 50607 Plugin OnGuard SEI Plugin (Misc,	Core server IP 172.22.92.18 Core server port 60000 Connection test Streaming port 60608 x64)
< >	Last changed:	Enforce 32bit	ave*

Figure 5-4: Event Interface Module Parameters

- 4. Click Save and close the OC Recorder VA Admin Tool.
- 5. Restart the VMS_VA service.
- 6. Open the OC Recorder Manager (64-bit).
- 7. Go to **Configuration mode** tab, select **Server** and make sure that there is a new module. Check if the **Event Interface Module** is running (no yellow triangle and IP address and port are visualized like in the following screenshot).

Figure 5-5: Event Interface Module

Q	≡ 0 11 • 4 🛛 6	vent Interf						12/1/2020 8:05:41 AM	â⊨ admin	– 🗆 🗙
									Company	© ŧĭ⊳
		General		_					伦 Company [admin]	
*	General	General								
		Name:	Event Interface Module 3 Q-	DCULARIS60-2						
龠		Server:	172.22.92.18:60607							
		Failover module	Do not use failover		•					
		Plugin Details								
		Manufacturer:	Lenel							
		Type:	OnGuard 7.4 - 7.6							
		Version:	1.0.0.0							
										m
									Company	@ ¥IÞ
									Comment	
									Time management	
									Company calenda	irs
									Alarms	
									Ma Inggers	
									Patrols	
									Em License plate gro	aps
									Server	
									System	
			Cancel	Apply	Save				Server	®ŧĭ⊮
	Search								CoreService	ularir 60.2
		8			Is used in the follow	ving contexts:		· · · ·	Global OCR settings	
	Name	Туре	Description			Hits	Name	Туре	Motion Detection Me	
									Br Motion Detection Ma	idule 1 Q-OCL
									Contracte Mode	

8. Select **Event Interfaces** and click **Create New Object** button. In the opened window, specify any **Name** and select your **Event Interface module**.

Figure 5-6: Create New Object

Create new Eve	nt Interface		×
Name:			
OnGuard7.6			
Manufacturer:			
SeeTec			-
Туре:			
Event Interface			-
Event Interface modu	le:		
Event Interface Mod	ule 3 Q-OCULARIS	60-2	•
	OK		Cancel

9. Click **OK**.

5.2.2 Configure Connection to OnGuard

- To configure the connection:
 - 1. In the **OC Recorder Manager (64-bit)** go to the **Configuration mode** tab, select **Event Interfaces** and double-click on your interface.

Figure 5-7: Event Interface General

↓ = ● ■ • ★	OnGuard 7.6 × >>	12/1/2010 103257 AM	≜ ⊢ admin	- 🗆 ×
Event Interface Configuration			Company	© ₹I⊮
	General		Company (admin)	
General Rems Unavailable Items (0)	Rativated Name: Event Interface module:	Ordbard 7.6 Event Interface Module 3 Q-OCULARIS66-2		
	Required Parameters:			
	Host or IP	172.22.92.35		
	Usemame	SA		
	Password	AURUNUNUNU		Å
	Optional Parameters:		Company	() ₹ I •
	Port		A Cameras	
	Log Level	TRACE	Other hardware	
	Directory	id-1	Event Interfaces	
	Connection keep-alive interval (sec)	10	Lusers	
			La Groups	
			O Time management	nt
			Company calend	ars
			(+) Alarms	
			Triggers	
			Patrols	
		Cancel Apply Save	Event Interfaces	⊕ ₹IÞ
Search		0 × =	Company	
	8	k used in the following contents	Distard 7.6	

- 2. In the **General** tab specify the following connection parameters for OnGuard:
 - Host or IP IP address or hostname of OnGuard system
 - **Username** username for connection to OnGuard system
 - **Password** password for connection to OnGuard system
 - Directory directory ID in OnGuard system. If you use OnGuard internal credentials, specify the Internal directory "id-1". If you use Windows credentials, select a specific Windows directory. The list of available OnGuard directories is printed in the logs.
 - Port port configured for the OnGuard web service. Default is 8080 if field is empty.
 - Log Level level of details for the logging. Possible values (case insensitive): ERROR, WARN, INFO, DEBUG, TRACE. It's recommended to use INFO as log level to see the progress at the first synchronization of a new device.
 - Connection keep-alive interval this is the interval in which the SEI Plugin sends keep-alive messages to the OnGuard system. Default is **30** seconds if field is empty.
- 3. Check the box **Activated** and click **Apply**.

5.2.3 Select Devices from OnGuard

When a new hardware, e.g. a controller, is added, modified or deleted to the OnGuard after the initial synchronization the **VMS_VA** service needs to be restarted to trigger a resynchronization.

- To select devices:
 - 1. In the OC Recorder Manager (64-bit) select the Configuration mode tab, select Event Interfaces and double-click on your interface.
 - 2. Select the **Items** tab.

Figure 5-8: Event Interface Items

L≡ ◎ ∎-	CnGuard7.6 × ++							12	/1/2020 12:34:48 PM	L) admin	- = ×
										Company	@ ¥II
	Items									🖀 Company [admin]	
General							Search	Expand all	Collapse all		
Unavailable Items (0)	Name	Type	loon	Apply icon to	Enabled	Error					
	▲ LNL-4420-Panel1	Panel		Panel							
	Unknown	State		State							
	Power Input Status:	State		State							
	Power Input Status:	State		State							
	Cabinet Status: Sec	State		State							
	Cabinet Status: Ala	State		State							
	Firmware Downloa	State		State						合合/ 1	å
	Firmware Downloa	State		State						Company	@ ¥II
	Event Polling Statu	State		State						🗚 Cameras	
	Event Polling Statu	State		State						📕 Other hardware	
	Online Status: Offic.	State		State						Event Interfaces	
	Online Status: Online	State		State						💄 Users	
	Options Mismatch	State		State						L Groups	
	Reader1	Reader	<u> </u>	Reader	V					 Time managem 	ent
	INL-3300-Panel1	Panel		Panel	V					Company calen	dars
	NGP-Panel1	Panel		Panel						(+) Alarms	
	+ UNL-2000-Panel1	Panel		Panel	V					Triggers	
	+ LNL-1000-Panel1	Panel		Panel	V					🚥 Patrols	
	+ HID-Panel1	Panel		Panel						Icense plate or	rouns
										Event Interfaces	@ ¥ I I
			Cancel	Apply	Save					👻 🔳 🏦 Company	
Search									0 I =	CnGuard7.6	

3. Select the **Enabled** boxes for the devices for which you want to receive events from OnGuard.

NOTE: Please note that some devices are located under parent devices, like the LNL-4420-Panel1 and Reader1 on the screenshot above. To enable this reader device you need to first expand panel device.

5.2.4 Select States and Events

- To select states and events:
 - 1. Open the SEI Configuration Tool and load your plugin configuration.
 - 2. Select the device type from Item Types list.

Figure 5-9: SEI Configuration Tool

SEI Configuration Tool: Lenel OnGuard SEI Plugin		-	X
File Help Item Types Custom Event Types			
Item Types Custom Event Types Alarm Input [99] Alarm Output [65] Alarm Panel [136] Area [0] Elevator Terminal [5] Intrusion Output [0] Intrusion Door [57] Intrusion Output [0] Intrusion Cutput [0] Off-Board Relay [46] On-Board Relay [46] Reader [216] Reader [216] Reader Input 2 [17] Reader Output 1 [43] Reader Output 2 [43]	Item Type Configuration Item Type visible Name Panel Event Types State Types (11/11) Edit C900 C900 C900 Battery Low C900 C900 Battery Restore Portable Programmer Battery Level Test Failure Battery Level Test Failure Battery Level Test Success System AC Battery Fail AC Restore AC Trouble Battery Status Battery Status Battery Test Fail Battery Test Fail Battery Test Fail Battery Test Fail		>

3. Select the State Types tab and click Edit.

Figure 5-10: Choose State Types



4. Choose states for current device type and click **OK**.

NOTE: The "Unknown" state is a fallback state used if the state cannot be retrieved from the panel.

5. Since an Item can potentially be in more than one of the State Types at one time, but only a distinct state can be reported to Ocularis, the states need to be prioritized. E.g. a Reader can be "Online" and "Reader Tamper" at the same time. To prioritize state type use the **Up** and **Down** buttons.





- NOTE: Only the highest priority state currently in effect is reported to Ocularis.
 - 6. Select the Event Types tab and click Edit.

Figure 5-12: Choose Assigned Event Types

Choose Assigned Event Types	×
All None	
Custom Event Types Anative Event Types	^
Access Denied	
Access Granted	
Area APB	
Asset	
Biometric	
El Burglary	
▷ 🗹 C900	
Digitize	
Duress	
▷ L Fire	
L Host Messages	
b Medical	
D Muster	
Point of Sale	
Portable Programmer	
Relay/Sounder	
🔺 🗹 System	
30 Minutes Since Fallback Command	
Abort	
🗹 AC Battery Fail	
AC Restore	
AC Trouble	
Access Closed	
Access Code Used	~
()	>
OK Cancel	

- 7. Choose event types for current device type and click OK.
- 8. Click Save.
- 9. Restart the VMS_VA service.

- 10. Open the OC Recorder Proxy (64-bit).
- 11. Click on the **Event Filters** and select the **Third Party Device Events** and **Third Party Device States**. Click OK.

Figure 5-13: Recorder Event Filters

Ocularis Event Selection	_ x.
ICamera Events ISystem Events ✓	
OK C	ancel

12. Restart Recorder Proxy service.

5.3 Ocularis System

The following Ocularis configurations are required:

- 1. Discover OnGuard devices and events in Ocularis
- 2. Associate camera(s) with OnGuard devices
- 3. Add OnGuard events to Distribution Groups
- 4. Add devices on a map

5.3.1 Discover OnGuard devices and events in Ocularis

- To discover devices and events:
 - 1. Open the OC Administrator (64-bit).
 - 2. In the Servers/Events tab, right-click on your recorder and click Refresh Server.



Ocularis Administrator	
Servers / Events Users / Privileges Views Distribution Groups Mag	ps Table Management Assets System Status Logs Settings About
Servers / Events	
Servers	Events
🛃 Add 🛃 Edit 🙀 Delete 🖕	🖸 Resync 🔃 Fuse New 😣 Properties 🔛 Delete 鼳 Batch Handle 🙀 Purge Closed 🖕
Search	Search Composite Source T72.22.92.26 (Ocularis Recorder) on 172.22.92.26

3. Verify that all enabled devices appear under the recorder in the Servers section.

Figure 5-15: Devices in Servers

Ocularis Adn	ninistrator							
Servers / Events	Users / Privileges	Views	Distribution Groups	Maps	Table Management	Assets	System Status	Logs
Serve	ers / Eve	ent	S 2					
Servers					Events			
🛃 Add 艮	Edit 🙀 Delete	_			C Resync 🔯 Fus			🚱 Del
Search		•		8	Search			
Actions					Generic Events			
로 🔳 172.22.92.	26 (Cayuga Infinity	X)			Composite Source			
🕑 🗖 Camera	as	_			172.22.92.26 (Ocul	aris Reco	order) on 172.22.	92.26
👻 🏶 Event li	nterfaces							
👻 OnGua	rd7.6							
Elev	atorDevice1							
Ever	nt Generator							
Firel	Panel1							
Firel	Panel2							
HID	-Panel1							
Inte	rcomDevice1							
🕑 Intru	usionPanel1							
 Intru 	usionPanel2							
LNL	-1000-Panel1							
LNL	-2000-Panel1							
ENL	-2220							
ENL	-3300-Panel1							
👻 LNL	-4420-Panel1							
0)efault Area							
👻 F	leader1							
	Reader1 Input 2							
	Reader1 Output 1							
	Reader-Input1							
	Reader-Output2							

4. Then click **Resync** button and verify that all selected states and events appear under the recorder in **Events** section.



Figure 5-16: Verifying Selected States and Events

5.3.2 Associate Camera with OnGuard Devices

At least one connected camera is required in Ocularis (for instructions on adding a camera, refer to the Ocularis Administrator User Manual).

- To associate camera(s) with OnGuard devices:
 - 1. Open the OC Administrator (64-bit).
 - 2. The **Server/Events** tab displays a list with OnGuard devices and event types.

Figure 5-17: Server / Events tab

Ocularis Administrator Servers / Events Users / Privileges Views Distribution Groups Mai	os Table Management Agesta Sintem Status Loos Setting About	-	×
Servers / Events			
Servers	Events		 _
🛃 Add_ 📑 Edit 🙀 Delete	🔁 Regne 🚯 Functions 🚯 Properties 🎧 Datata 🔂 Batch Handle 🙀 Purge Closed 🔒		
n mar na mar na mar na mar na mar na mar	Senters Ennets 3 Comparison Source 1 17222/83/48 (Scolaris Recorded on 17222/82/48		

NOTE: The list displays only those devices and event types that were previously selected in the OC Recorder Manager (64-bit) and SEI Configuration Tool.

- 3. Expand the list and drag a camera from the **Servers** section to the desired device or event type in the **Events** section:
 - If you associate the camera with a *device* you will receive all device events on this camera.
 - If you associate the camera with specific *types of device events* you will receive only associated events on this camera.

Figure 5-18: Camera Association

Ocularis Administrator	
Servers / Events Users / Privileges Views Distribution Groups M	aps Table Management Assets System Status Logs Settings About
Servers / Events	
Servers	Events
🛃 Add 🛃 Edit 🔛 Delete 🖕	🖸 Resync 🔅 Fuse New 🥵 Properties 🎇 Delete 鼳 Batch Handle 👺 Purge Closed 🖕
Search	Search
Actions	2) Generic Events
 = 172.22.92.48 (Ocularis Ultimate Recorder) 	Composite Source
Cameras	 172.22.92.48 (Ocularis Recorder) on 172.22.92.48
Camera1	Alarm Output
🕐 🏶 Event Interfaces	Alarminput2
	AlarmOutput1
	AlarmOutput3
	Alarm-Panel1
	Alarms
	Camera I
	ElevatorDevice1
	Elevator lerminal
	Event Generator
	V FirePanel
	V FirePanel2
	Ceneratorix
	GeneratorR Access Denied
	@ Camera1
	Generatork Access Denied
	G Camera I
	GeneratorR Access Denied : AAM Timeout
	GeneratorR Access Denied : AAM Validation Failed
	Generatork Access Denied Door Secured
	Generatorik Access Denied Interlock
	Generatork Access Denied Passback
	Generatork Access Denied to Destination Floor
	Ceneratorix Access Denied Unauthorized Arming State
	Generators Access Denied Unauthorized Entry Level
	Generators Access Denied Unauthonzed Time
	Generatorix Access Denied: Access Control Format (Not Found
	Contractors Denied: Area Empty
	Generatorix Access Denied: Area Occupied
	Veneratorix Access Denied: Asset Required

Page 20 of 25

5.3.3 Add OnGuard Events to Distribution Groups

- To add events:
 - 1. Open the **Distribution Groups** tab, choose the group to which OnGuard events should be distributed, and click **Events**.

The window displays the list with OnGuard devices and event types.

Figure 5-19: Distribution Groups Tab

Ocularis Administrator		- 0	×
Servers / Events Users / Privileges	Views Distribution Groups Maps Table Management Assets System Status Logs Settings About		
Distribution	Groups		
Distribution Groups	Funnts		_
🛃 New Group 📄 Delete	Events All Available Events	Enabled Exerts In this Distribution Genue	
💌 🛅 Default	 172.22.92.48 (Ocularis Recorder) on 172.22.92.48 	172 22-92.48 (Ocularis Recorder) on 172 22-92.48	1
C Events	Composite Source		
Users	Generic Events		
🔀 Actions			
🖽 Video Walls			
Weekly Schedule			
Holiday Schedule			

- 2. To view OnGuard events in the Ocularis Client, expand the trees and drag events from the **All Available Events** section to the **Enabled Events** section. The following options are available:
 - Add all events from the entire list
 - Add all events for a specific device
 - Add a specific events type for any device

Figure 5-20: Adding Events

 Ocularis Administrator 					-	0 X
Servers / Events Users / Privileges	Views Distribution Groups Maps Table Management Assets	s System Status Logs Settings About				
Distribution	Groups					
Distribution Groups	Frank					
🛃 New Group 📄 Delete	All Available Frants	1	Enabled Exects in this Distribution Group	1		
💌 🛅 Default	172.22.92.48 (Ocularis Recorder) on 172.22.92.48	A	172.22.92.48 (Ocularis Recorder) on 172.22.92.48			
Events	💿 🛅 Alaminput2		Alarm Output			
Users	💿 🧰 Alarm-Panel1		AlarmOutput1			
Actions	Can Alarms		AlarmOutput3			
Weekly Schedule	ElevatorDevice1		🕑 🧰 Camera 1			
Holiday Schedule	🕑 🧰 ElevatorTerminal		🕑 🧰 GeneratorR			
	🕑 🧰 Event Generator		🕑 🧰 System Events			
	🕑 🧰 FirePanel 1					
	💌 🧰 FirePanel2					
	🕑 🧰 GeneratorR Input 1					
	🕑 🧰 GeneratorR Input 2					
	🛞 🧰 GeneratorR Output 1					
	🛞 🧰 GeneratorR Output 2					
	📧 🛄 HID-Panel1					
	📧 🚞 HID-Panel1 Reader					
	IntercomDevice1					
	Intrusion Area: 1					
	🕑 🧰 Intrusion Area: 5					
	🕑 🧰 Intrusion Area: 8					
	🕑 🧰 IntrusionPanel1					
	IntrusionPanel2					
	📧 🛅 Keypad Beeper (Permanent Warning)					
	📧 🧰 Keypad Beeper (Resettable Warning)					
	📧 🧰 LNL-1000-Panel1					
	📧 🗀 LNL-2000-Panel1					
	🕑 🗀 LNL-2220					
	🛞 🛄 LNL-3300-Panel1			Activate Windov		
	💌 🗀 LNL-4420-Panel1			Go to Settings to activ	/ate Window	15.

3. After adding events to the distribution group, you need to add a user to this group. Click **Users** and drag a user from the **All Users** section to the **Users in Distribution Group**.

Figure 5-21: Adding User

Ocularis Administrator Servers / Events Users / Privleges Views Distribution Groups Maps Table Management Assets System Status Logs Settings About	- 0	×			
Distribution Groups					
Distribution Groups Users					
All Users	Users in Distribution Group				
Closed Administrators Administrators Administrators Administrators	Ekon				
Votes Walk Week Schedule Holiday Schedule					

- 4. Restart the Event Coordinator Service.
- 5. To view OnGuard events in Ocularis, open the OC Client (64-bit) and log in.

Figure 5-22: OC Client Login

Clognify		
C		S
Username	admin	
Password		
Server	172.22.92.48	~
Authentication	Basic	~
	Remember Login	
	Auto Login	
	Log In	Cancel

6. Click the **Alert Counter** in the upper-left corner of the *OC Client* screen. The *Alert Manager* screen opens, displaying all the configured OnGuard events.

Figure 5-23: Alert Manager

Views Triggers Audio Browse Timeshice Export	vites waits Aford Jakamagor	→
	Q	
Eventa	flags	
Priority Time Rule Camera Annologuit Autoritation Annologuit Autoritation State downad		1/22/2021 8:40:51 AM
•• Camarat		
AlarmOstputt Relay Created Descrivated Controller: N2P-Prenell: Source: AlarmOstput1. Time: 1/22/2021.3:40:52 AM Common Common		1/22/2021 8:40:51 AM
X AlarmOxhputl Output Active Exite dranged.		1/22/2021 #:99:13 AH
Alarmöhöputt Relay Centact Activated Controller: NGP-Panels Source: Alarmöutputs. Time: I/22/2021 3:39:44 AM		1/22/2021 #:39:43 AM
Commal Comman Comma Comm		1/22/2021 #39i33 AM
		1/22/2021 1:24:52 AM
Alarmostput: Oulput Active State drunged. who Cennest		1/22/2021 1:24:51 AH
Generaturit Access Gronted: Reader Unlocked Protroller: Fivet Generative: Generat		1/22/2021 TI24(13 AM
Generaturit Access Grantest: Reader Unitocked Controller: Event Generator, Device: GeneratorR, Cardholder: Lisa Lake, Badge: 1, Time: 1277/2020 11:5		Activate Windows Go to Settings to activate Windows

5.3.4 Add Devices on a Map

- To add a device on a map:
 - 1. Open the OC Administrator (64-bit).
 - 2. In the Maps tab, select your map.

Figure 5-24: Select Map

🔯 Ocularis Administrator								
Servers / Events Users / Privileges Views Distribution O		Maps	Table Management	Assets	System Status	Logs	Settings	About
Maps								
Group	:			_	Font Size			
Administrators ×	Dr	aw Area					÷	
Maps								
Search								
Shared Shortcuts								
210609								

3. Click **Interfaces** and drag the devices onto the map.

Figure 5-25: Map in Administrator



4. To view this map in client, open the **OC Client (64-bit)** and select your map under the **Ocularis Maps**.

Figure 5-26: Map in Client



6 Notes and Known Limitations

- The plugin supports 64-bit Operating Systems only.
- The plugin supports hardware events from OnGuard only; software events are not supported.
- The plugin does not support acknowledge and reset events.
- The plugin only supports real-time events transmission. Events that occur when the plugin is offline or logged-out are not supported.
- For intrusion doors, the plugin only supports online and offline hardware statuses.
- The plugin supports up to 1,000 OnGuard devices to work properly.