

Overview

VideoGuard is a video verification system that can receive camera and server information from exacqVision systems. This works by using exacqVision’s proprietary plugin to communicate with the VideoGuard server. Various aspects of the exacqVision system can be displayed, including server MAC address, camera name, alarm details, and more. This can be very useful in diagnosing issues like camera and server connection status or correct time synchronization.

Requirements

ExacqVision Server: Enterprise License

IP Cameras: exacqVision supports over 4000 camera models.

VideoGuard: active account

WINDOWS Setup

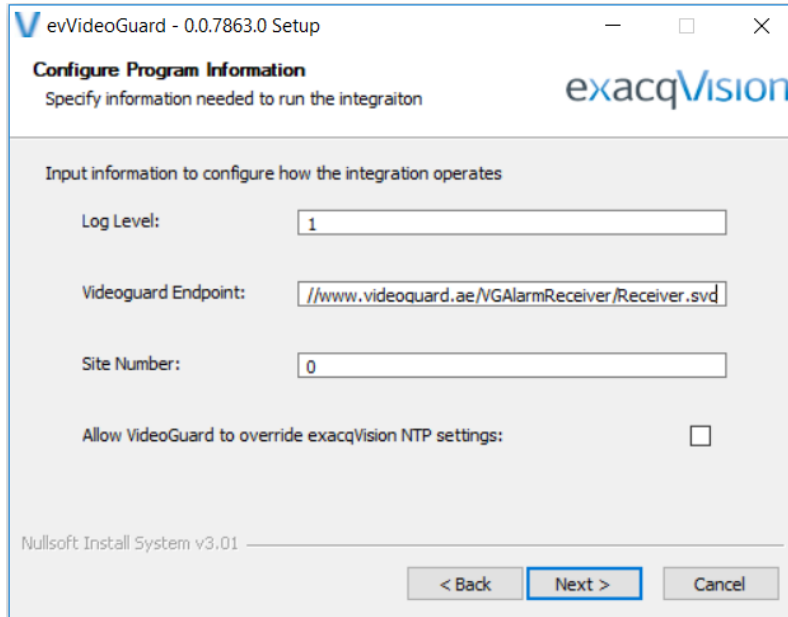
1. Download the evVideoGuard plugin from exacq.com
2. Run this installation file and follow the prompts.
3. On the **Configure Server Information** page, you will need to input the IP and login credentials of the exacqVision Server. (note the values supplied by default assume the VideoGuard plugin is connecting to the local exacqVision server.



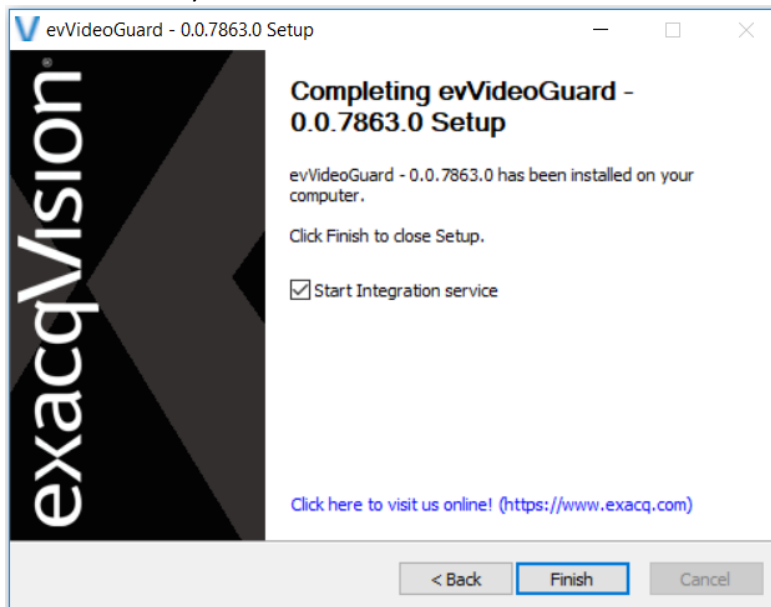
- On the **Configure Program Information** page, enter the Log Level

0	1	2	3	4
DEBUG	INFO	WARNING	ERROR	CRITICAL

- The endpoint shown in this example is a test server. Your specific **VideoGuard Endpoint** will be determined by the configuration of the VideoGuard web service. It may look like this:
<http://<ServerIP>:<ServerPort>/VGAlarmReceiver/Receiver.svc>
- The **Site Number** will be defined by VideoGuard as well. Please contact VideoGuard customer service for more details.



- Upon finishing the installation you should see confirmation of the service starting.



LINUX Setup

1. Open a terminal, run the command “**sudo dpkg -i evVideoGuard_[version]_x64.deb**” (check exacq.com for current version number)
2. When that process is complete, you will need to manually edit **videoguard.json** found in **/usr/local/exacq/videoguard** (The screenshots in the Windows section will help clarify what each line of this file pertains to.)
3. Then you need to start the VideoGuard service by running the command “**sudo service videoguard start**”
4. To confirm the service has started, run “**sudo service videoguard status**”

NOTE: To enable the service to **send motion events** to VideoGuard, add the following line to **videoguard.json** : **“report_motion”: true** This is not in the file by default.

Manually Editing Configuration After Installation

To change any details in your configuration after installation you will need to edit “**videoguard.json**”.

This will be found in the VideoGuard folder in both Windows and Linux. See the Windows example below.

```

1 {
2     "server_address": "172.19.232.199",
3     "server_port": 22609,
4     "server_user": "videoguard",
5     "server_password": "Testing321?",
6     "service_endpoint": "http://www.videoguard.ae/VGAlarmReceiver/Receiver.svc",
7     "site_number": 0,
8     "log_level": 0,
9     "ignore_ntp": true
10 }
```



Output Logs

You will find the log files from the VideoGuard output in "C:\Program Files\exacqVision\videoguard\logs". The logs will reflect the level of information you configured in the "Log Level" section earlier. An example of a log is shown below.

```
2019-11-11T18:55:27.000Z main INFO =====
2019-11-11T18:55:27.000Z main INFO starting videoguard 0.0.7862.0, pid=2784
2019-11-11T18:55:27.000Z 2308 INFO Starting io service thread
2019-11-11T18:55:27.000Z evapi_callb INFO VideoGuard endpoint:
http://www.videoguard.ae/VGAlarmReceiver/Receiver.svc
2019-11-11T18:55:27.000Z evapi_callb INFO Live Thread: Using Exacq Server: 127.0.0.1:22609
2019-11-11T18:55:27.000Z evapi_callb INFO evAPI connection successful
2019-11-11T18:55:27.000Z evapi_callb INFO Disable decompression
2019-11-11T18:55:27.000Z evapi_callb INFO Recording server alarm: Recording server online
2019-11-11T18:55:27.000Z 2308 INFO 8d64c44f-0270-4745-a806-2a2986b05e60: Received ntp
info: ip=192.168.14.30:123
```

Real-Time Log Monitoring

WINDOWS

Open a **Command Prompt** and type the following commands (without quotation marks):

1. Navigate to the VideoGuard installation folder with "**cd C:\Program Files\exacqVision\videoguard**" (without quotation marks)
2. Then run "**videoguard.exe -d**"

LINUX

Open **Terminal** and type the following commands (without quotation marks):

1. Navigate to the VideoGuard installation folder with "**cd /usr/local/exacq/videoguard**"
2. Then run "**./videoguard**"



The resulting output will look like this (Windows example):

```
cmd Select Administrator: Command - videoguard.exe -d
C:\Windows\system32>cd C:\Program Files\exacqVision\videoguard
C:\Program Files\exacqVision\videoguard>videoguard.exe -d
[32m[2019-11-11T18:29:36.000Z][0m =====
[32m[2019-11-11T18:29:36.000Z][0m starting videoguard 0.0.7862.0, pid=8220
[32m[2019-11-11T18:29:36.000Z][0m Starting io service thread
[32m[2019-11-11T18:29:36.000Z][0m VideoGuard endpoint: http://www.videoguard.ae/VGAlarmReceiver/Receiver
.svc
[32m[2019-11-11T18:29:36.000Z][0m Live Thread: Using Exacq Server: 127.0.0.1:22609
[32m[2019-11-11T18:29:36.000Z][0m evAPI connection successful
[32m[2019-11-11T18:29:36.000Z][0m Disable decompression
[32m[2019-11-11T18:29:36.000Z][0m Starting heartbeat
[32m[2019-11-11T18:29:36.000Z][0m Recording server alarm: Recording server online
[32m[2019-11-11T18:29:36.000Z][0m 1313fcc2-4108-4e58-a198-8f13cb5a21b8: Creating sequence with method Ge
tNTPServerInfo
[32m[2019-11-11T18:29:36.000Z][0m 1313fcc2-4108-4e58-a198-8f13cb5a21b8: Payload: {"SiteNo":0,"IPAddress"
:"0.0.0.0","MACAddress":"B0:6E:BF:82:DE:5C"}
```

VideoGuard Configuration

Please contact VideoGuard customer support for more detailed information on installing their hardware or software. You can download VideoGuard installation guide from http://videoguard.ae/catelog/VideoGuard_Installation.pdf and <http://videoguard.ae/catelog/Web-Service-Integration-for-Recorder-Alarms.pdf>

VideoGuard Contact Info & Support

Customer support is available

- Support Time: 9:00 am - 6:00 pm (Gulf Standard Time)
- Break Time: 1:00 pm – 2: 00 pm (Gulf Standard Time)

Website: <http://videoguard.ae/index.html>

Phone: 04-3888155

email: support@videoguard.ae

exacqVision Support

(Technical Support, Training tools, and more)

Website: <https://exacq.com/support/>

Exacq EVAPI support: evapi_support@tycoint.com

