

Avigilon Control Center System Integration Guide

with Jacques VoIP Voice Communication System



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Table of Contents

- Introduction1**
 - Requirements 1
 - For More Information 1
- Installation2**
 - Server 2
 - Client 2
 - Checking the License 2
- Configuration3**
 - Configuring Tags in Jacques HLI 3
 - Adding a Jacques User in Avigilon 3
 - Avigilon Alarm Configuration 3
- Avigilon Jacques Gateway5**
 - Configuring the Server Settings 5
 - Mapping Alarms 6
- Monitoring Alarms8**

Introduction

The Avigilon Control Center software integration with the Jacques VoIP Voice Communication System allows alarms in Avigilon Control Center to be triggered whenever an intercom event is activated in the Jacques System.

The Jacques system uses tags to communicate events between intercom units. Tags are a series of numbers that users dial to call other intercom units and initiate specific actions. The integration enables tags to be linked to specific Avigilon alarm actions. A possible use case for the integration is for users to view video from a camera pointed at an intercom station. When a tag is dialed from the Jacques intercom station, the corresponding alarm is triggered in the Avigilon Control Center Client and the alarm video is displayed.

Requirements

Vendor	Requirements
Avigilon	Control Center Server Software 4.0.2.4 or later
Avigilon	Avigilon Third Party Integration License: ACC-JACQUES-NVR
Avigilon	Avigilon Jacques Gateway software integration: JacquesGateway.exe The file can be downloaded at http://avigilon.com/support/software/int/
Jacques	Jacques 650 Series VoIP Voice Communication System
Jacques	High Level Interface (HLI)

For More Information

For more detailed information for the procedures outlined in this guide, refer to the related documentation.

- *Avigilon Control Center Client User Guide*
- *Avigilon Control Center Server User Guide*
- *Tag Configuration for Jacques 650-series VOIP Voice Communication System*

Installation

Server

Install the following on any server in your network. The applications do not need to be installed on the same server.

1. The Avigilon Control Center Server software.
2. The Jacques High Level Interface for third party integration.
3. The Avigilon Jacques Gateway software integration.

Client

Install the following as needed:

- Install the Avigilon Control Center Client software on the computers that require access to the Avigilon Control Center System

Checking the License

After you have installed all the required software, check that the Avigilon Third Party Integration License (ACC-JACQUES-NVR) was properly applied.

1. Open the Avigilon Control Center Admin Tool.
2. Select the **Settings** tab and click **Licensing**. The License Activation dialog box appears.

The dialog box must say *Integration Connections: unlimited* or the software was not properly licensed.

Configuration

Before the integration can occur, the two applications need to be configured to work with the Avigilon Jacques Gateway software.

Configuring Tags in Jacques HLI

The Jacques VoIP Voice Communication System has a set of pre-configured tags that connect you to other intercoms in the system or initiates an action. If you require a customized tag for the Avigilon Jacques integration, see *Tag Configuration for Jacques 650-series VoIP Voice Communication System* for more information.

Adding a Jacques User in Avigilon

To protect the security of the Avigilon Control Center Server, add an Avigilon Jacques integration user to the Avigilon System. This user only needs **View Live Images** permission to use the integration features.

The Avigilon Jacques integration user name and password is required to add Avigilon Servers to the Avigilon Jacques Gateway configuration application.

See the *Avigilon Control Center Client User Guide* for details about how to add users.

Avigilon Alarm Configuration

Create the Avigilon alarm actions you want to be integrated with the Jacques system, and include the required cameras and settings for the alarm.

Alarms are manually created in the Avigilon Control Center Client software, and can only be created by users with Alarm Setup permissions. An administrator with the required permissions can create the alarms before the integration is used.

1. In the Avigilon Control Center Client software, select **Tools > Setup** then select the Avigilon Server to define the alarm on.
2. On the server Setup dialog box, click **Alarms**.
3. On the Add Alarm dialog box, click **Add**.
4. On the Select Alarm Trigger Source page, select **External Software Event** from the **Alarm Trigger Source** drop down list and click **Next**.
5. On the Select Linked Cameras page, select the cameras to link to this alarm, and set the **Pre-Alarm Record Time** and the **Recording Duration**. Click **Next**.
6. Select the groups or users who should receive alarm notifications, then click **Next**.
7. (Optional) If you would like to trigger an action when an alarm is acknowledged, select the **Activate selected digital output(s) on alarm acknowledgement** check box.
 - a. Select the digital outputs to be activated and specify the duration.
 - b. Select the **Require user confirmation before activating digital output** check box if users need to confirm the alarm before the digital output action is initiated.

- c. Click **Next**.
8. Enter a **Name** for the alarm and set the alarm **Priority**. The alarm name is used to identify the alarm when you map the alarm in the Avigilon FCWnx Gateway configuration application.
9. Ensure the **Enable Alarm** check box is selected and click **Finish**.

Avigilon Jacques Gateway

The Avigilon Jacques Gateway is composed of two parts: the Avigilon Jacques Gateway Windows service that runs automatically in the background, and the Avigilon Jacques Gateway configuration application that is used to configure the connection and alarm mappings between the Jacques VoIP Voice Communication System and the Avigilon Control Center systems.

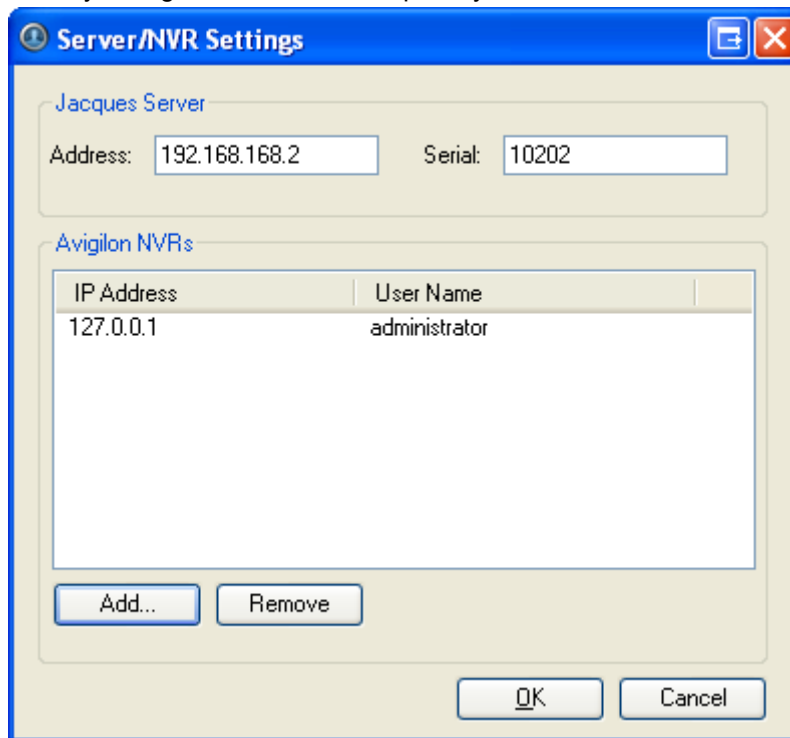
NOTE: Whenever the Avigilon Jacques Gateway configuration application is opened, the Avigilon Jacques Gateway service is stopped. All mapped events are ignored while the configuration application is open.

Configuring the Server Settings

Configure the Avigilon Jacques Gateway to access the two applications.

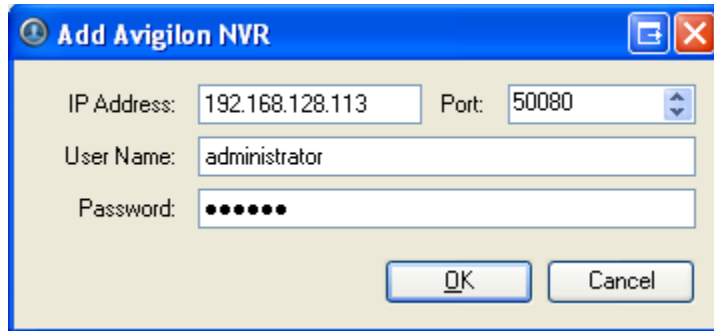
The Avigilon Jacques Gateway configuration application remembers the server configuration, so you do not need to repeat this procedure if the settings remain the same.

1. Open the Avigilon Jacques Gateway software. **Start > All Programs > Avigilon > Configure Avigilon Jacques Gateway.**
2. In the Gateway dialog box, enter the Jacques system IP address and serial number.



3. Click **Add** to add the Avigilon Server.

4. In the dialog box, enter the Avigilon Server **IP Address**, **User Name** and **Password**, then click **OK**.

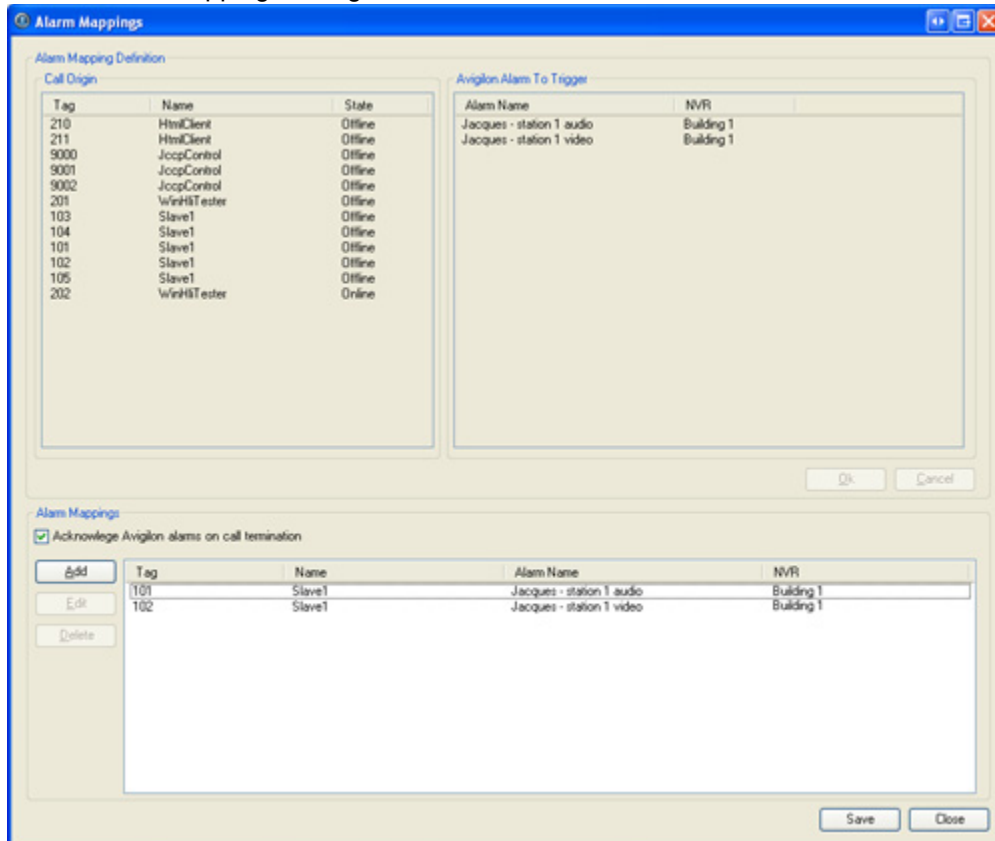


Use the username and password created in the Avigilon configuration. See *Adding a Jacques User in Avigilon* on page 3.

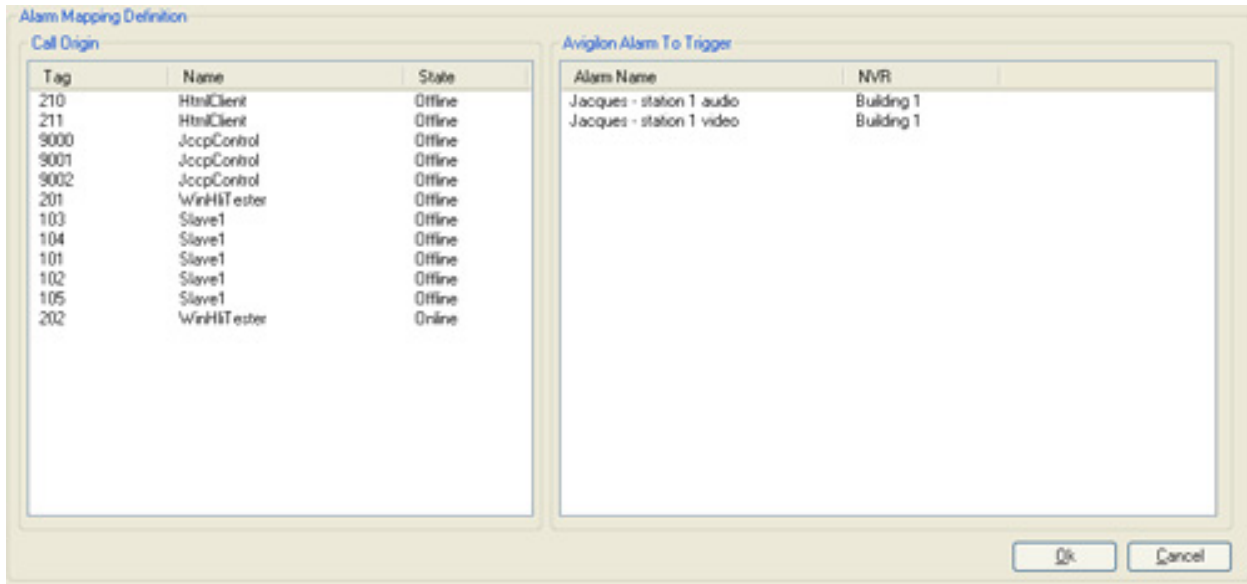
5. If you have more than one Avigilon Server in your surveillance system, repeat steps 3-4 until all the servers have been added.
6. Click **OK**.

Mapping Alarms

1. Open the Avigilon Jacques Gateway configuration application and confirm that the server configurations are correct, then click **OK**. See *Configuring the Server Settings* on page 5 for more information.
2. In the Alarm Mappings dialog box, click **Add**.



3. In the Alarm Mapping Definition area, select a tag from the Call Origin pane and select an alarm from the Avigilon Alarm to Trigger pane.



4. Click **Ok**.

The selected tag and alarm is mapped together and now appears in the Alarm Mappings area.

5. Repeat step 3 to 5 until all the alarms you require are mapped.
6. (optional) Select the **Acknowledge Avigilon alarms on call termination** check box if the Avigilon alarms do not need to be manually acknowledged within the Avigilon Control Center Client each time.
7. Click **Save**.

Monitoring Alarms

Once the Avigilon Jacques integration is complete, alarm video can be monitored from the Avigilon Control Center whenever a mapped intercom event is activated.

To monitor alarms in the Avigilon Control Center software, see the alarm monitoring section in the *Avigilon Control Center Client User Guide*.