tyco | Exacq

Exacq Intelligent Alert Facial Matching Quick Start Guide

Johnson Controls

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Installing Tyco AI

Tyco AI is a deep learning solution that combines Artificial Intelligence with Tyco security technology. To use Tyco AI on the exacqVision client, install and configure Tyco AI, then configure the exacqVision client. To install Tyco AI, complete the following steps.

Before you begin: A purchase ID is required before the software can be downloaded.

1.   Download the Tyco AI image from this location: http://exacq.com/products/tyco-ai

2.   Use the image to create a bootable USB drive.

3.   Insert the USB into the Tyco AI server and turn on the PC.

4.   To install the Tyco AI image, start the PC from the USB .

5.   When the Tyco AI image is installed, use the following credentials to log in to the operating system:

     Username: admin
     Password: admin

Configuring Tyco AI

After you install the Tyco AI server, use the Tyco AI setup wizard to configure Tyco AI settings.

1. Use the following credentials to log in to the Tyco AI server:

   Username: administrator
   Password: administrator

2. Click **Agree** to agree to the End User License Agreement (EULA).

3. Click **Agree** to agree to the **Privacy Notice**.

4. Click **Next**

5. Select **Video Clip Ingest**.

   ➤ **Important:** exacqVision does not integrate with Tyco AI if you select **Face Enrollment**.

6. Change the usernames and passwords for preconfigured user accounts and the default root account password.

7. On the **Create Encrypted Partition** page, select the partition size, or select **Use Remaining Space** to encrypt the entire drive.

8. Click **Next** to create the encrypted partition.

9. On the **Configure Network Settings** page, enter the server's default gateway. In **Network Type**, select **DCHP** or **Static**, depending on your network configuration.

10. Select **NTP Server**, enter a date and time for the server, and enter the Exacq NVR IP address.

11. Click **Finish** to complete the setup.

Configuring the exacqVision client

Add a Tyco AI device to the exacqVision client.

1. In the exacqVision client, click and expand the server.

2. In **Configure System**, click **Add IP Cameras** to connect to the Tyco AI server.

3. In the **Device Type** dropdown list, select **Tyco AI**.

4. Enter the Tyco AI hostname or IP address. The default port is 8080.

5. Enter the Tyco AI server username and password and click **Apply**.

Register faces on events

Register faces when specific events occur and add faces to Person Configuration in the Facial Matching window.

1. In the **AI Servers** configuration window, in the **Register Faces on Events** pane, click **New**.

2. In **Camera Setup**, click **None Selected**.

3. Select an event type and click the arrow to move to **Select Source For**.

4. Select the source and click **Select**. To choose a camera, click **Select Camera**. Click Apply.

Look for returning faces

Configure systems to search for faces that are already registered. You can request that a specific action occurs when a person of interest is detected.

1. In the **Configuration** window, select a server and expand it.

2. Select **AI Servers** in **Camera Recording**.

3. In the **Look for Returning Faces** pane, click **New**.

4. Click **Select Cameras** in **Camera Setup** and select a camera.

5. In **Take this action when persons of interest are found**, click **Log Event**.

6. Select an action type.

7. Click the arrow to select a target for the action type.

8. Click **Apply**.

Results: Cameras are configured to search for registered faces and action types are specified.