



Perform
automated actions

How to guide

4.3

Automatically turn on auto-focus for multiple cameras

AXIS Optimizer for Milestone XProtect®



Step-by-step:

Automatically turn on autofocus for multiple cameras

AXIS Optimizer makes it possible to set up custom rules to create automated actions as responses to real-time events, such as automatically turning on autofocus for multiple cameras.

Requirements

- Install your choice of:
 - Milestone XProtect Express+
 - Milestone XProtect Professional+
 - Milestone XProtect Expert
 - Milestone XProtect Corporate
 - Milestone XProtect Essential+
- Install the latest version on the Management Client
- Cameras that support autofocus functionality

Automatically turn on autofocus for multiple cameras

1. Add a user-defined event:
 - a. Go to **Site Navigation → Rules and Events** and right-click **User-defined Event**
 - b. Select **Add User-defined Event** and enter a name, in this example "Autofocus"
2. Create a new rule:
 - a. Go to **Site Navigation → Rules and Events** and right-click **Rules**
 - b. Select **Add Rule** and enter a name, in this example "**Run autofocus**"
 - c. Select **Perform an action on <event>**
 - d. In the **Edit the rule description** field, click **event**
 - e. Go to **Events → External Events → User-defined Events** and select **Run autofocus** and click **OK**
 - f. Click **Next** until you get to **Step: 3 Actions**
 - g. Select the action: **Axis: Run autofocus on <camera>**
 - h. In the **Edit the rule description** field, click **Axis: Run autofocus on camera**
 - i. In the **Select Triggering Devices** window, choose **Select devices** and click **OK**
 - j. Select which devices you want to trigger the action and click **OK**, then **Finish**
3. In Smart Client, add the user-defined event "**Run autofocus**" as an overlay button on a map or video view
4. Click the overlay button and make sure the rule works as you want

Support to get you started

Watch AXIS Optimizer how to videos

See online user manual

Download more how to guides

Read AXIS Optimizer getting started guide

Step-by-step workflows for specific jobs-to-be-done may change over time. Please refer to the [online user manual](#) for the latest descriptions

Automated actions improve response time and accuracy settings

Managing real-time events involves performing manual tasks, which heightens the risks of mistakes or delays occurring. It can be a hassle to perform an action such as turning on auto-focus on all cameras. That's because this type of action is performed manually on one camera at a time which is both time-consuming and tedious. Plus, the larger the system, the more devices connected to it, the more time and effort is required. If these real-time events aren't properly responded to in a timely manner, negative consequences are likely to occur. For instance, rain on the camera lens can result in low-quality video.

How AXIS Optimizer solves this problem

The event server plugin is an optional component included in the AXIS Optimizer installer which is installed on the Milestone XProtect event server. The event server plugin makes it possible to create specific rule actions that then can be implemented for one or many Axis devices. System administrators can quickly set up custom rules to perform automated actions on Axis devices that help make life easier for the operators. Depending on the task, you can choose to set up performing an automated action either without operator interaction or when an operator clicks a button in Smart Client.

About AXIS Optimizer for Milestone XProtect

AXIS Optimizer is a suite of integrations that optimizes the performance of Axis devices in Milestone XProtect. It ensures all users save considerable time and effort while getting the most out of their Axis and Milestone system. Continuously updated to cover new Axis offerings, it's available for free as a one-time installer on axis.com.

About Axis Communications

Axis enables a smarter and safer world by creating solutions for improving security and business performance. As a network technology company and industry leader, Axis offers solutions in video surveillance, access control, intercom, and audio systems. They are enhanced by intelligent analytics applications and supported by high-quality training.

Axis has around 4,000 dedicated employees in over 50 countries and collaborates with technology and system integration partners worldwide to deliver customer solutions. Axis was founded in 1984, and the headquarters are in Lund, Sweden.