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NX Witness

Updated 16 August 2026

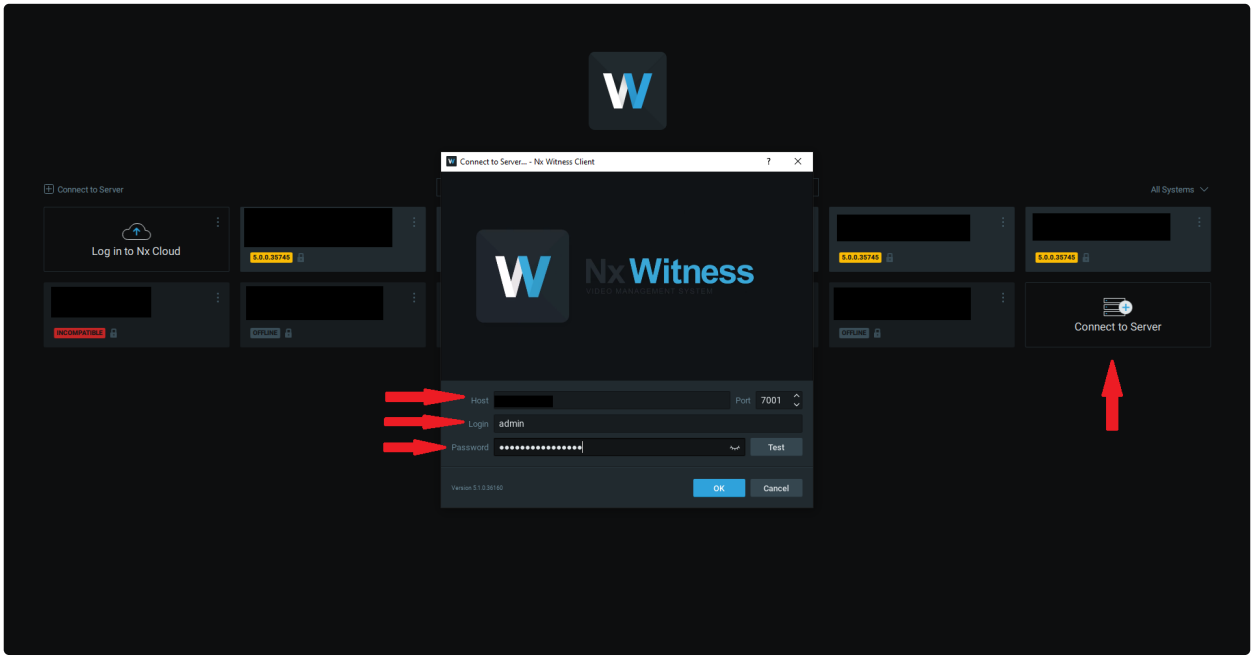
Introduction

This guide describes the steps required to configure NX Witness for integration with GCXONE.

NX Witness Configuration

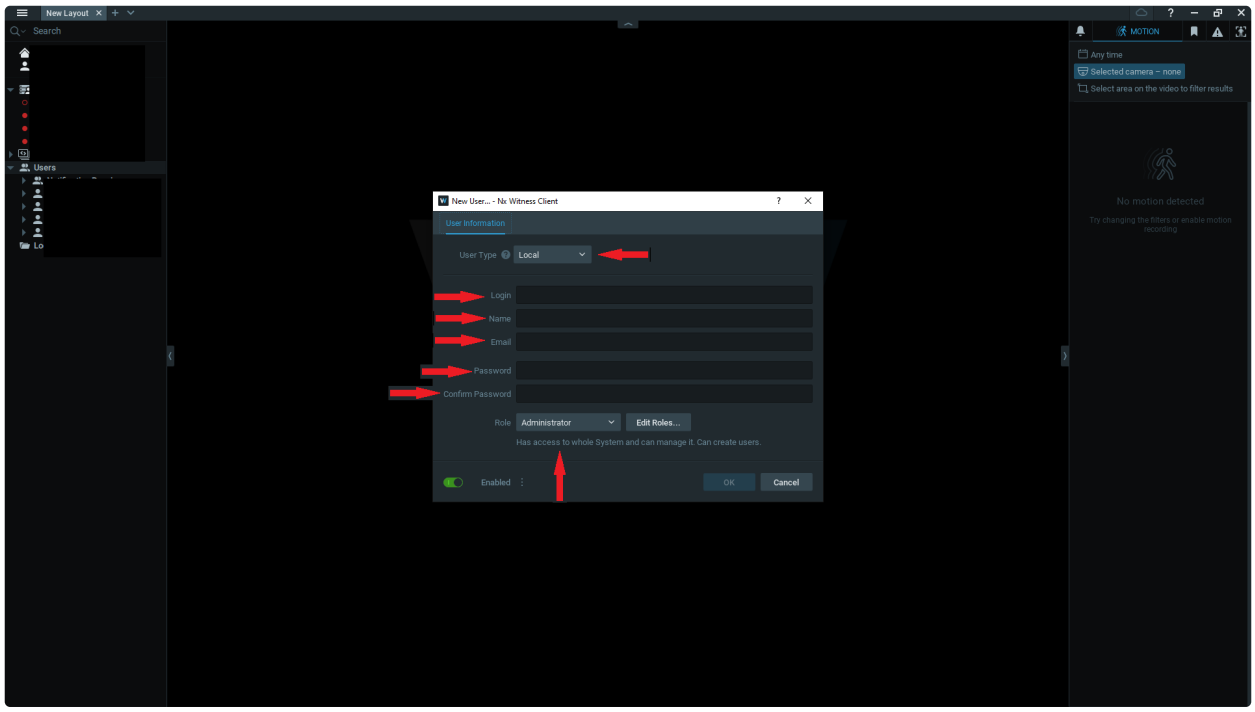
Connecting and creating an integration user

Step 1: Open the NX Witness client and click Connect to Server . Enter the admin/owner credentials — IP address (Host), username (Login), and Password — into the popup window, then click OK.

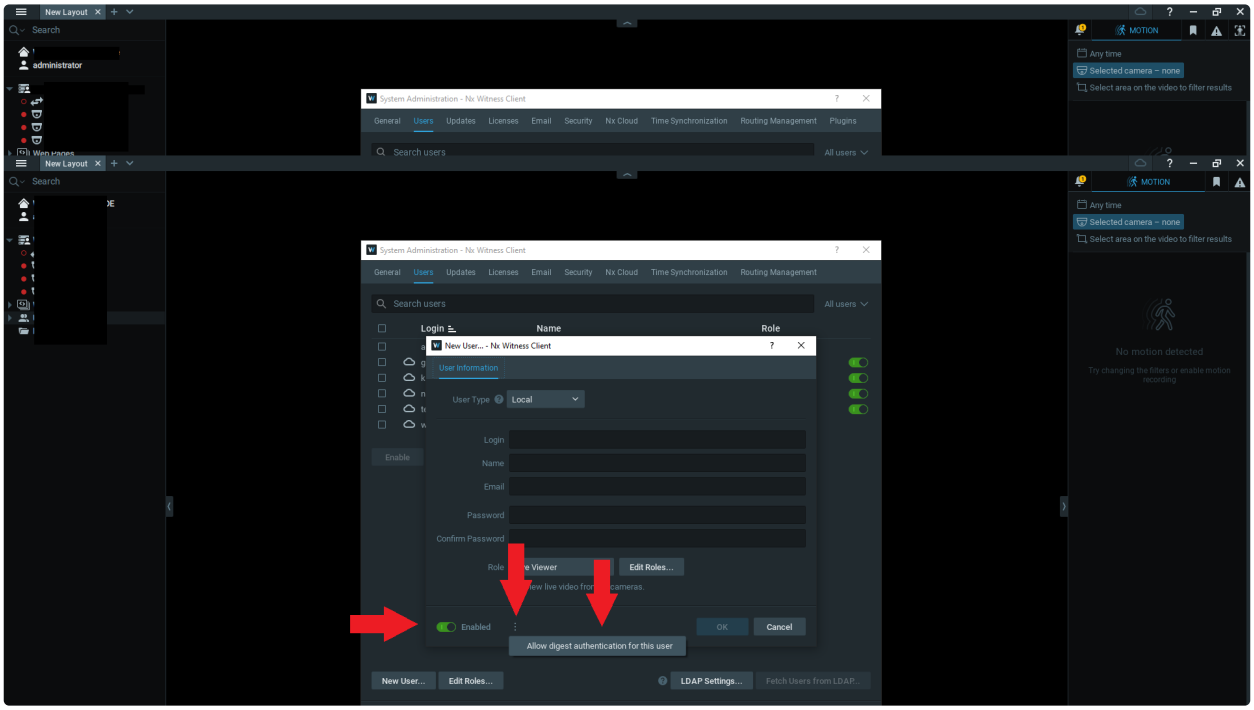


Step 2: After logging in, right-click Users and select New User...

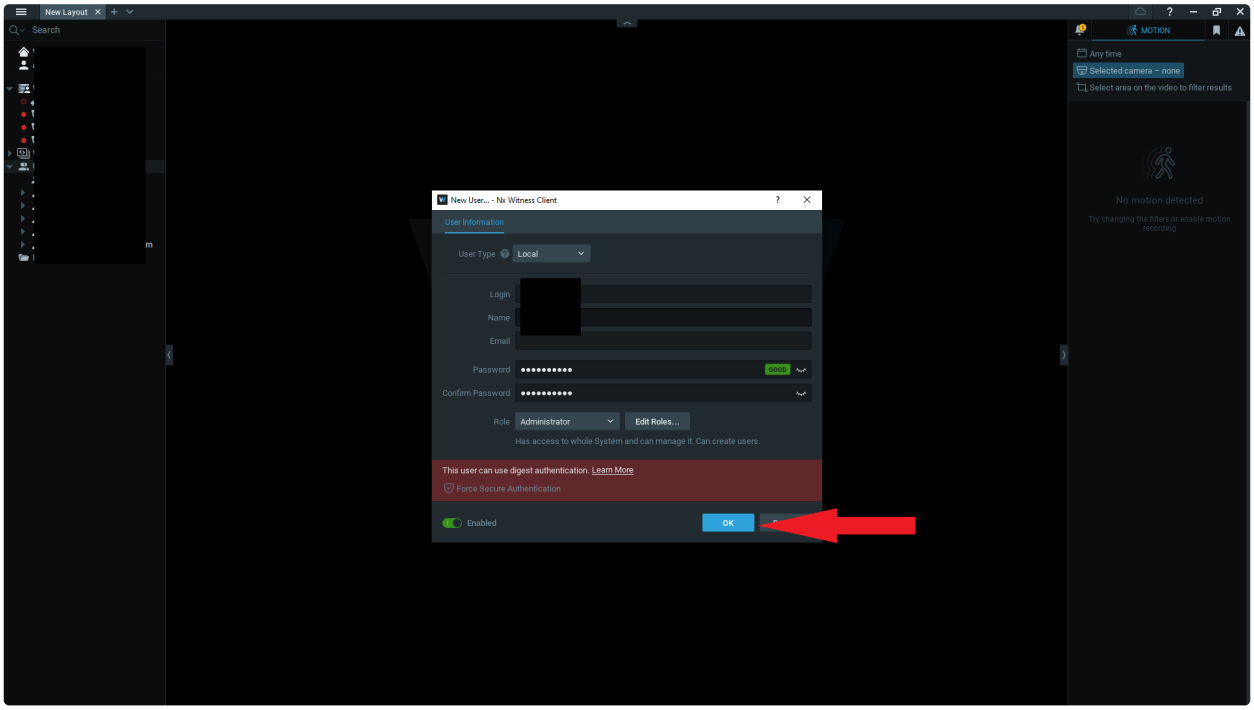
Step 3: Fill in the new user form. User Type must be Local and Role must be Administrator .



Step 4: Make sure the Enable toggle is on. Click the three dots (···) to reveal Allow digest authentication for this user , and make sure it's selected.

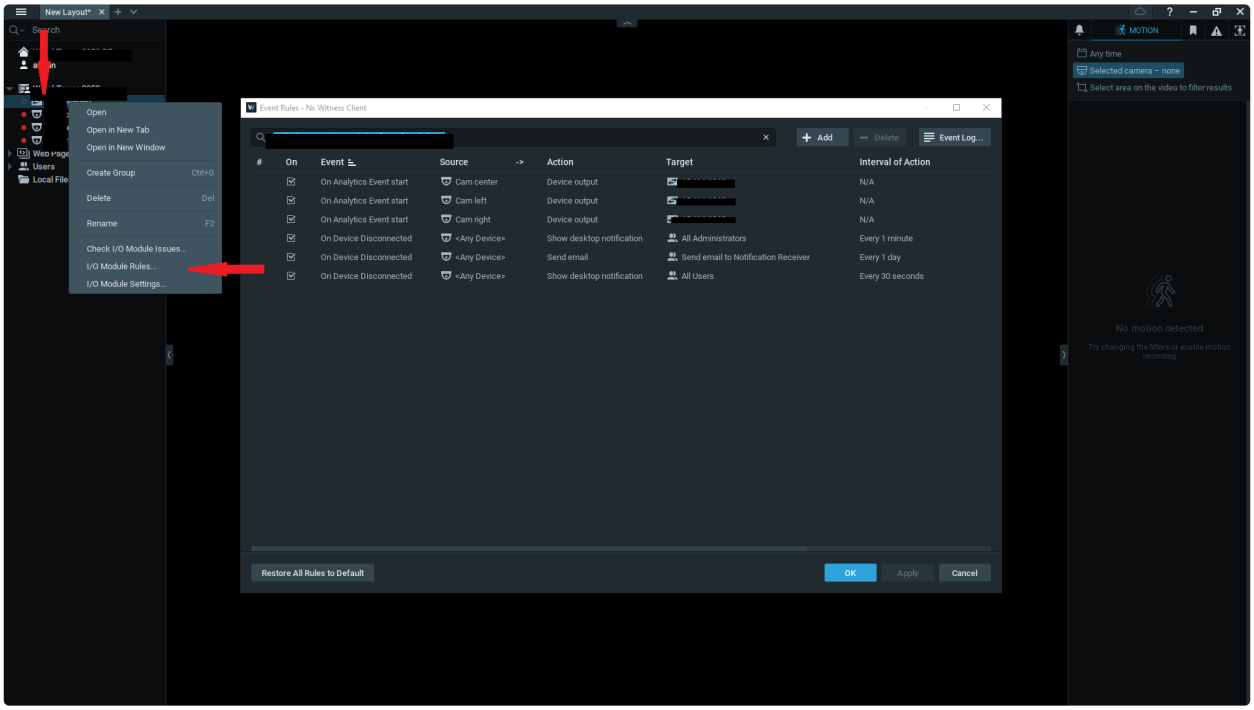


Step 5: Once all the information is entered, the form should look like the screen below. Click OK to create the user.

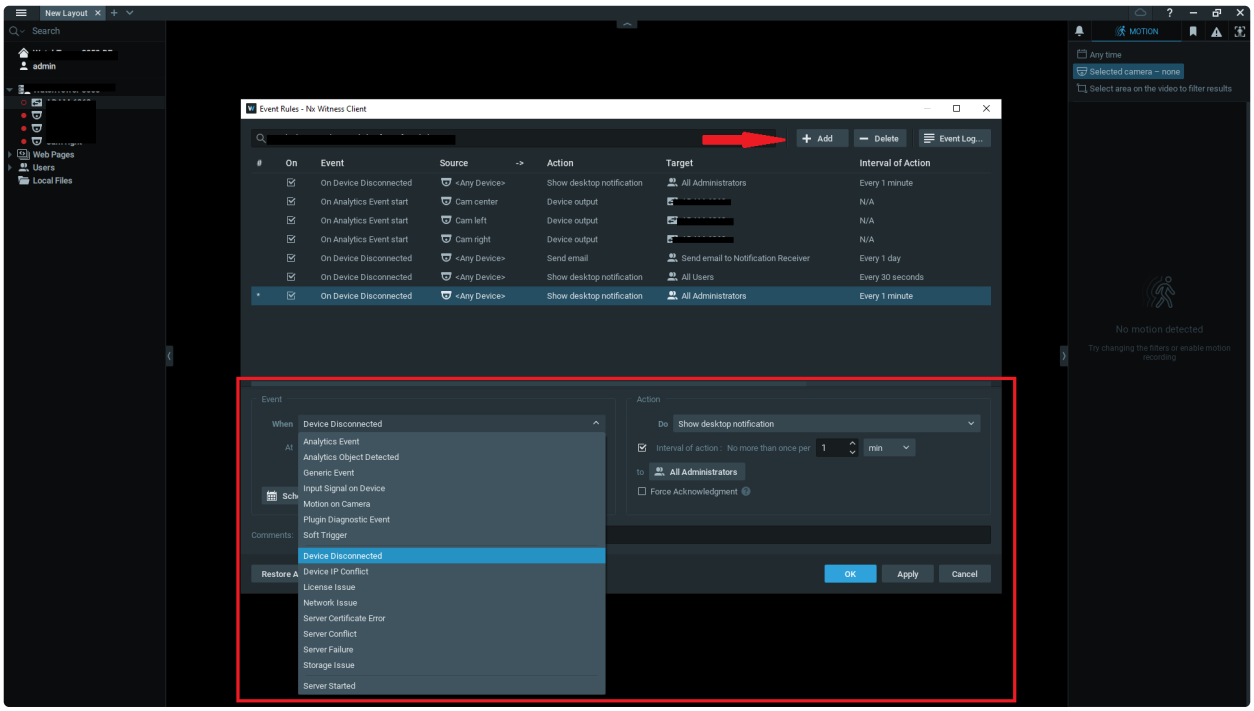


Configuring the I/O module and event rules

Step 6: Right-click the I/O device and select I/O Module Issues to configure it.

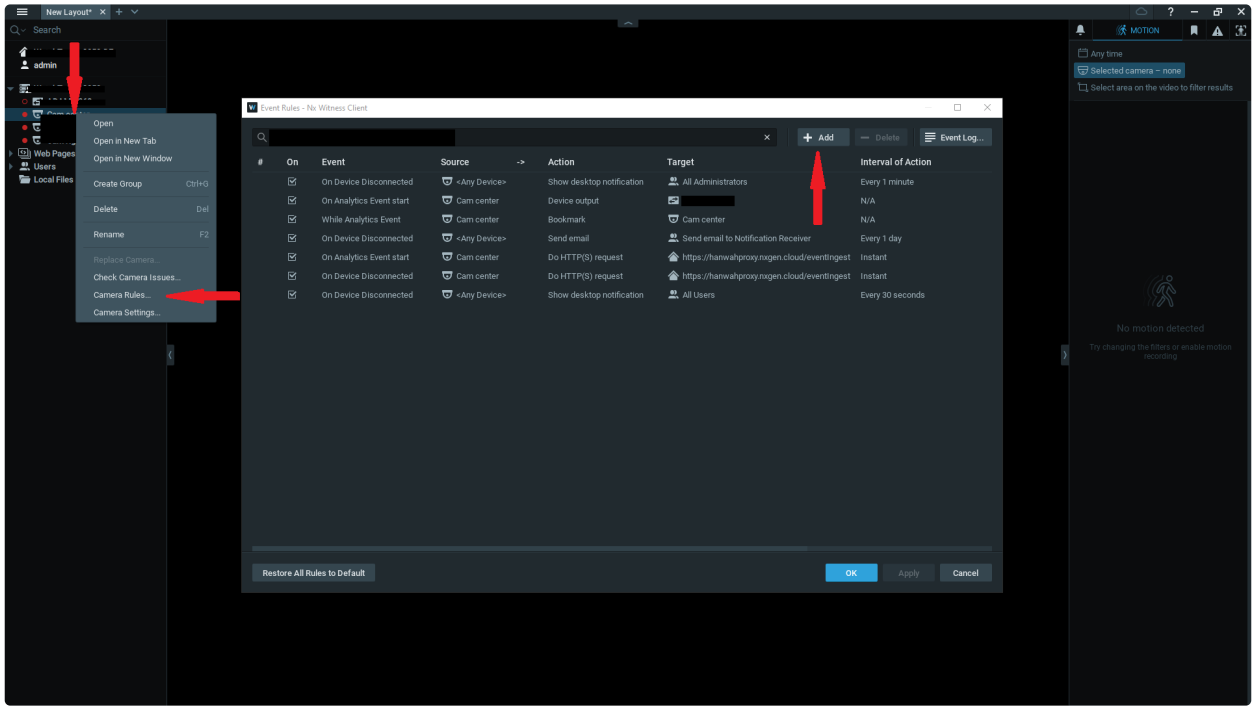


Step 7: Click Add to open the Event Rules window, where you'll create the rules below.



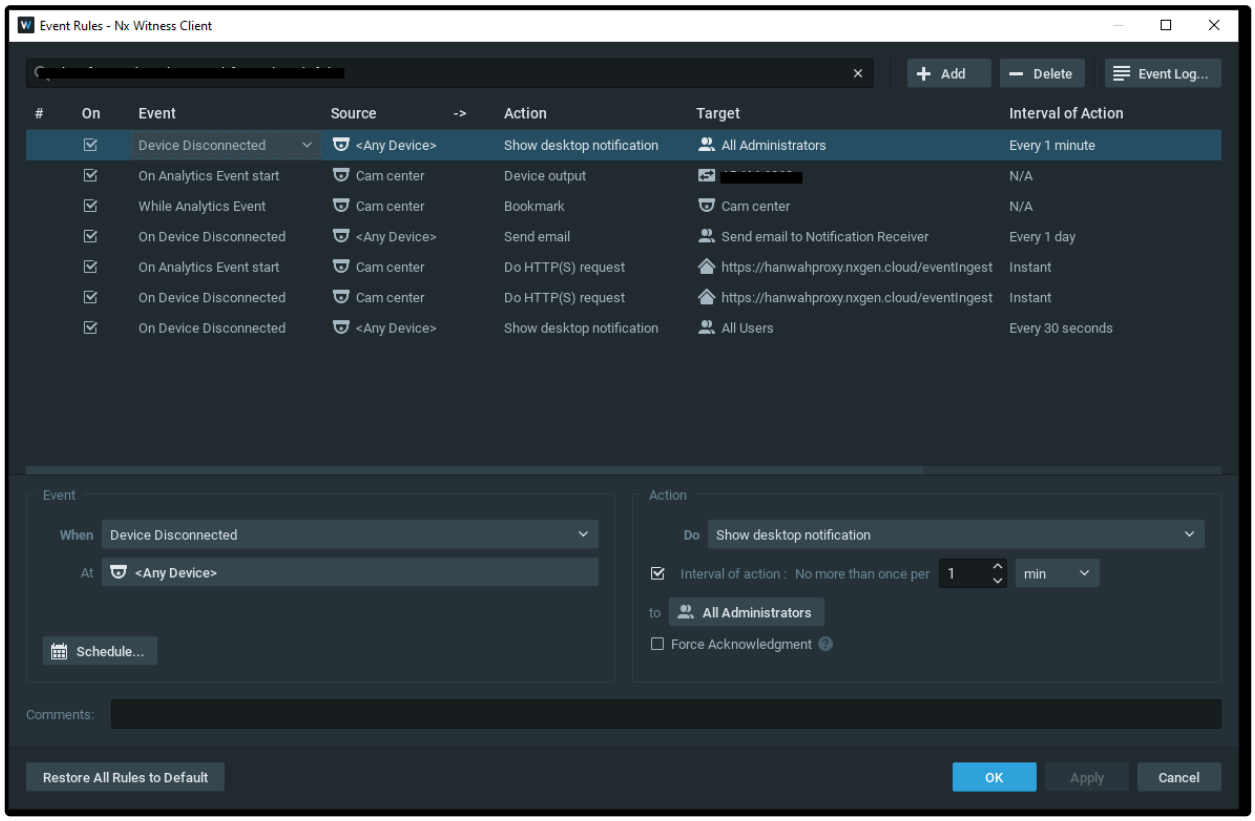
The Event Rules window in the Nx Witness client with a rule's event list open on Device Disconnected, and the Add button arrowed at the top.

Step 8: To add cameras or sensors as a rule's source, right-click each one individually and click Add.

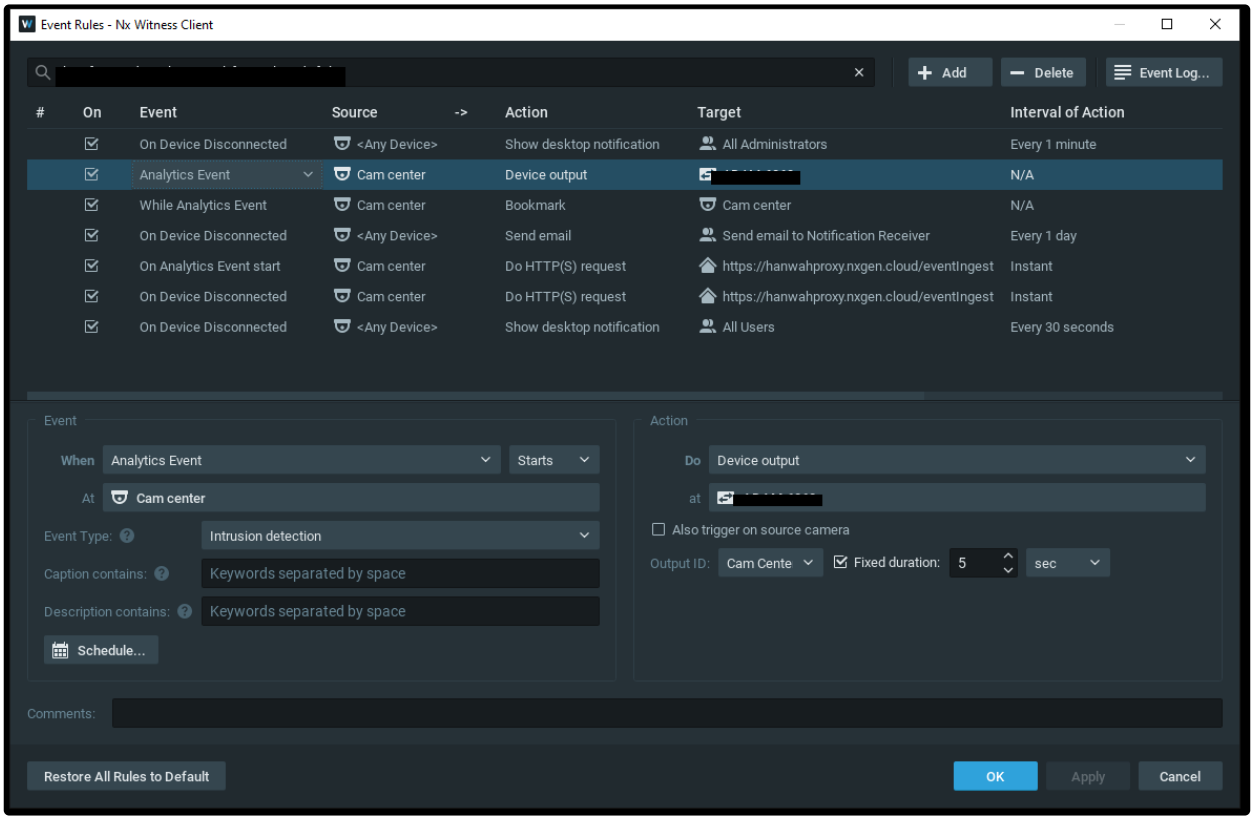


Step 9: Create the following four rules, one at a time, using the When dropdown under Event to select each trigger:

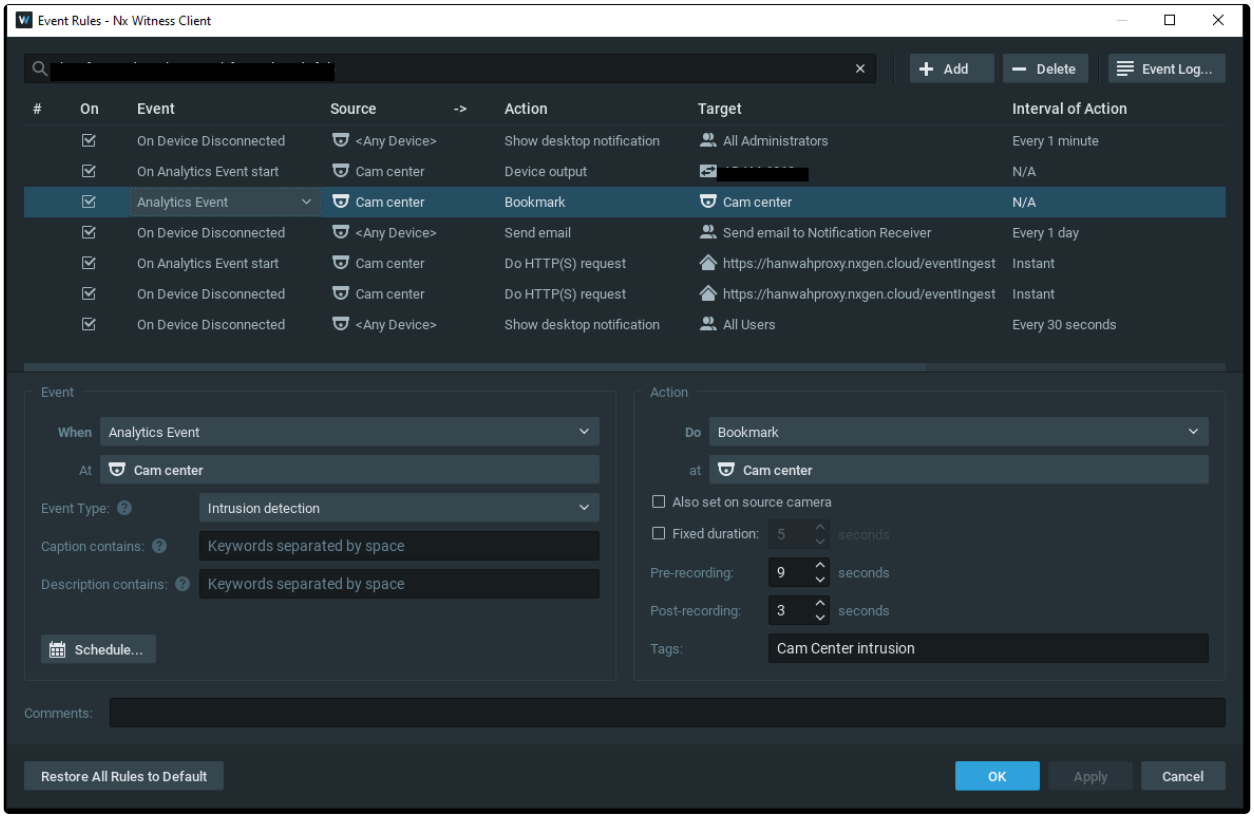
- Rule 1 — Device Disconnected



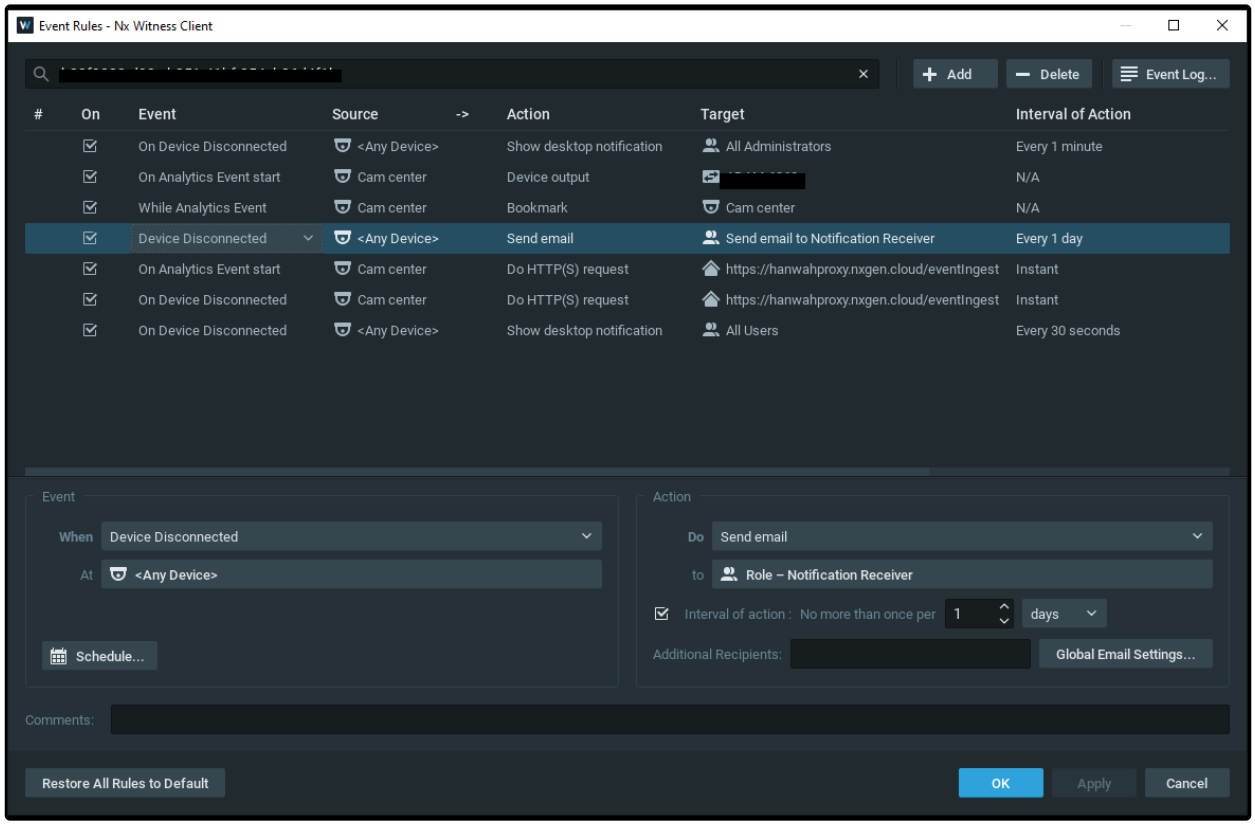
- Rule 2 — On Analytics Event start



- Rule 3 — While Analytics Event



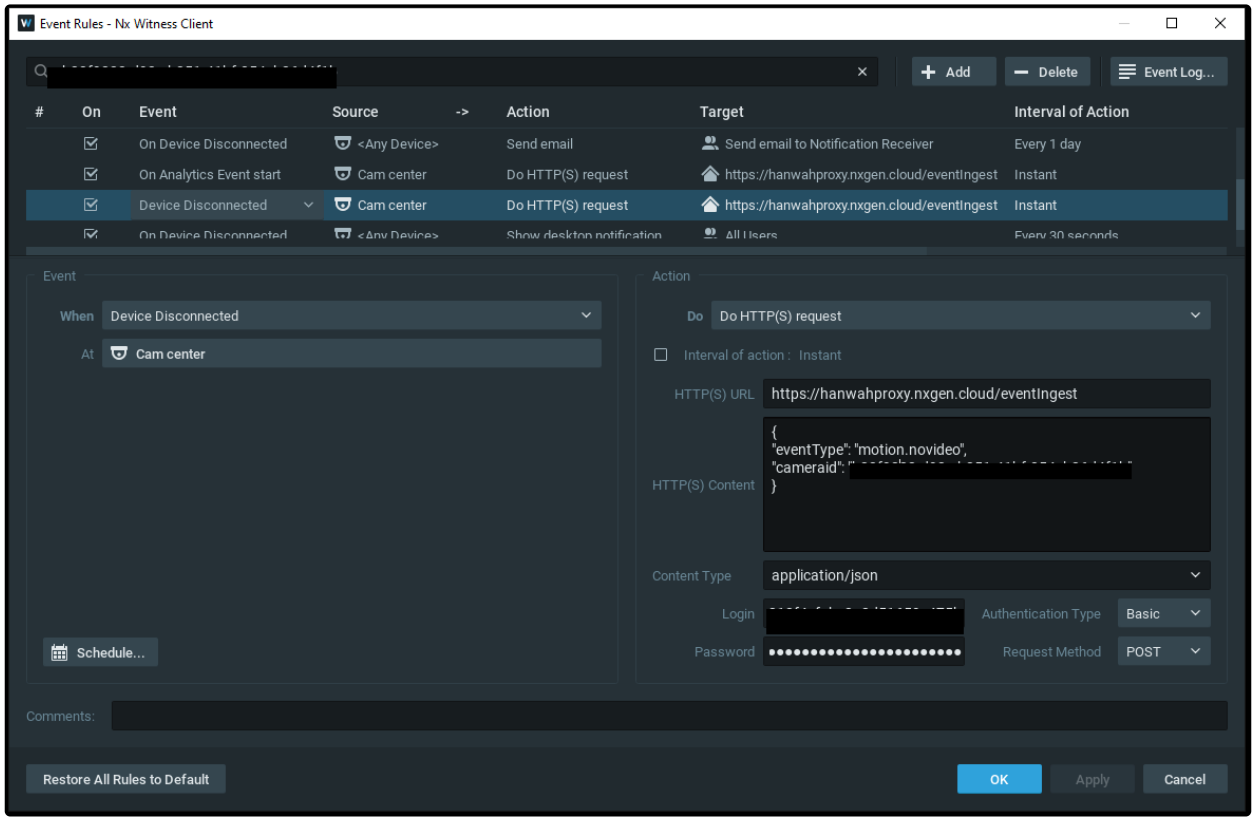
- Rule 4 — On Event Disconnected



For each rule, configure the Action tab to forward the event to GCXONE:

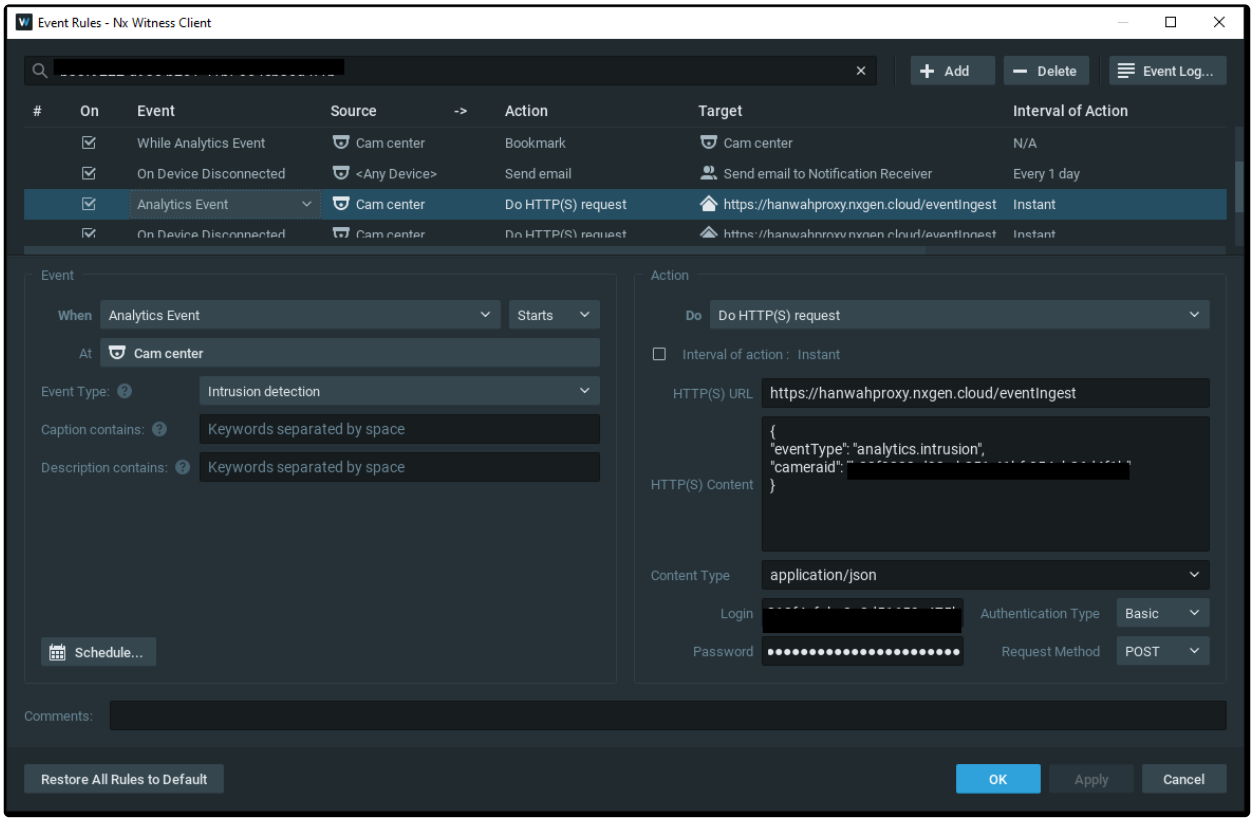
Rule 1 (Device Disconnected) — Action tab:

- Select: Do HTTP(S) request
- HTTP(S) URL: https://hanwahproxy.nxgen.cloud/eventIngest
- HTTP(S) Content: {"eventType": "motion.novideo", "cameraid": "[ENTER THE UNIQUE CAMERA ID]"}
- Content Type: application/json
- Login: [ENTER THE UNIQUE DEVICE ID]
- Password: [ENTER THE UNIQUE DEVICE ID]
- Authentication Type: Basic
- Request Method: POST
- Click Apply and OK.



Rule 2 (On Analytics Event start) — Action tab:

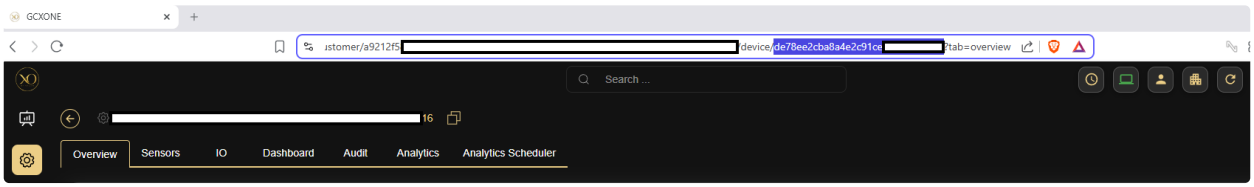
- Select: Do HTTP(S) request
- HTTP(S) URL: https://hanwahproxy.nxgen.cloud/eventIngest
- HTTP(S) Content: {"eventType": "analytics.intrusion", "cameraid": "[ENTER THE NX WITNESS CAMERA ID]"}
- Content Type: application/json
- Login: [ENTER THE GCXONE DEVICE ID]
- Password: [ENTER THE GCXONE DEVICE ID]
- Authentication Type: Basic
- Request Method: POST
- Click Apply and OK.



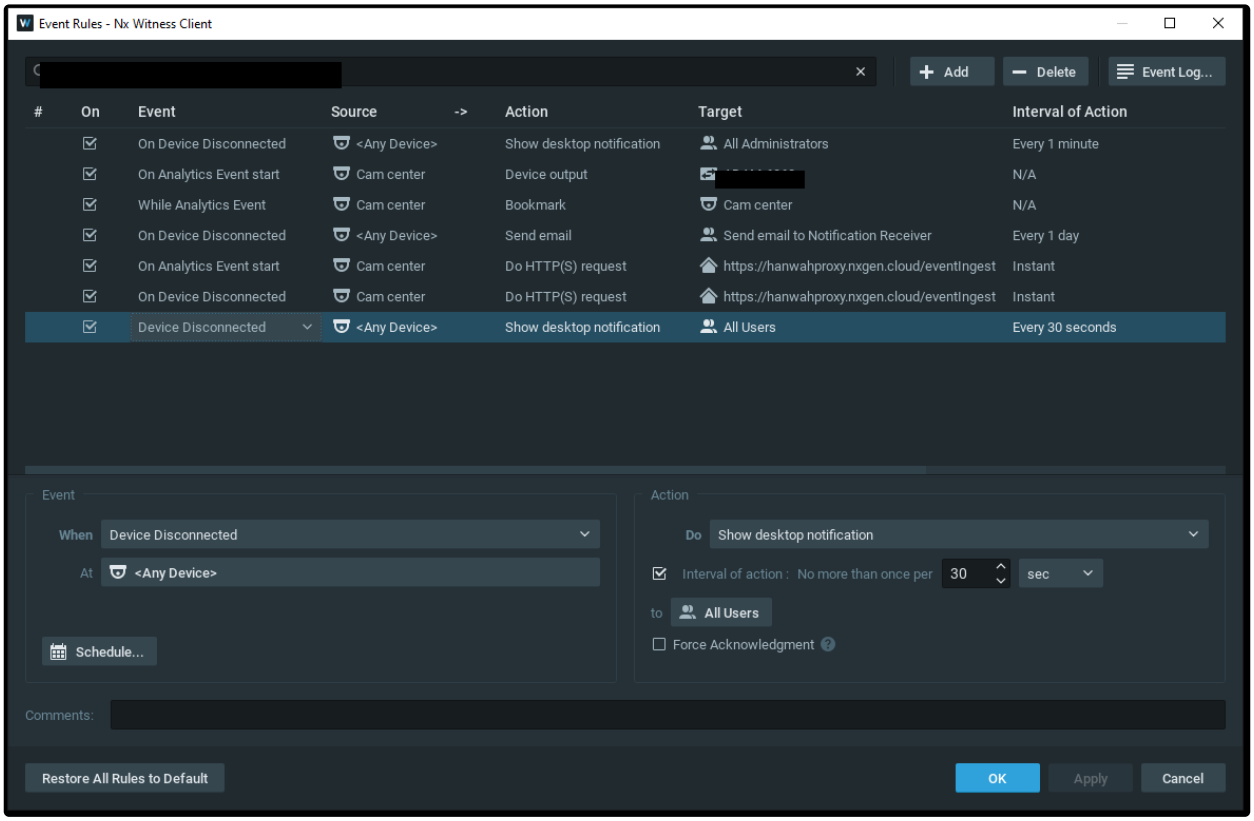
The Login/Password and Content fields both take the GCXONE device's identifiers — for reference, an example device/sensor overview page URL in GCXONE looks like:

https://gcx.nxgen.cloud/configuration/sp/4xxxxxxx0eb86b5748327b437a5/customer/xxxxxxxxa671e8539734d781/site/xx

— where sensor id is `882e8f525a50444c98619e7xxxxxxx` and device id is `de78ee2cba8a4e2c91ce887cxxxxxx`.



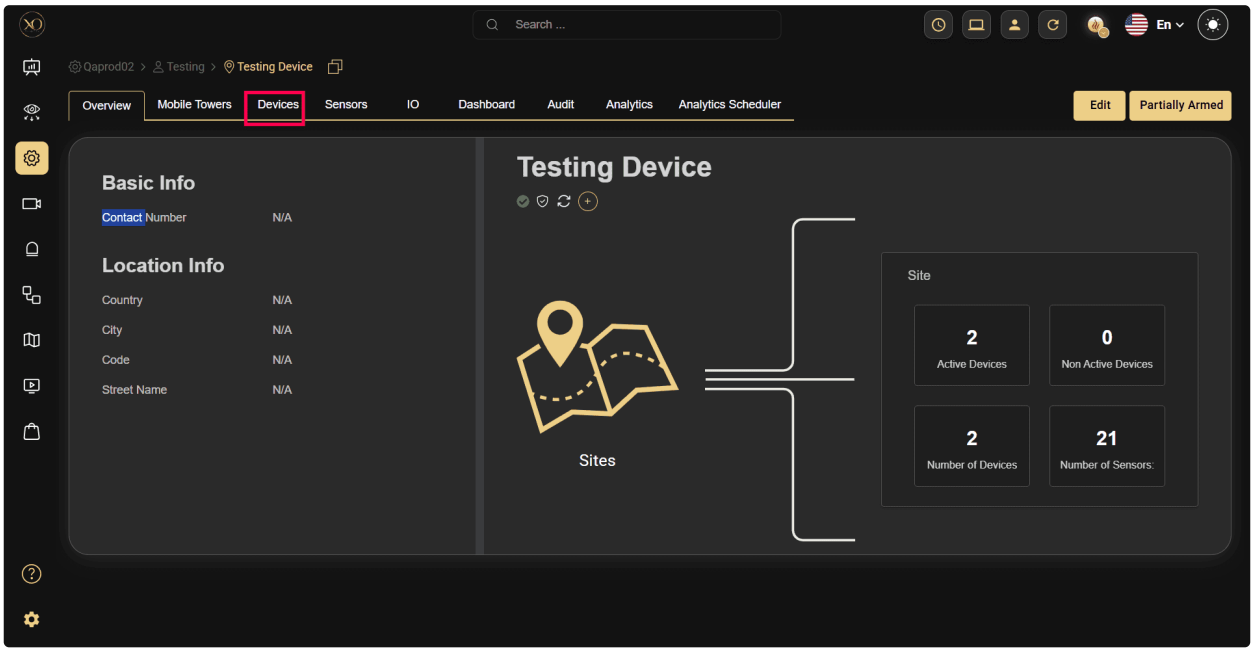
Once all four rules are created, the Event Rules list should look like this:



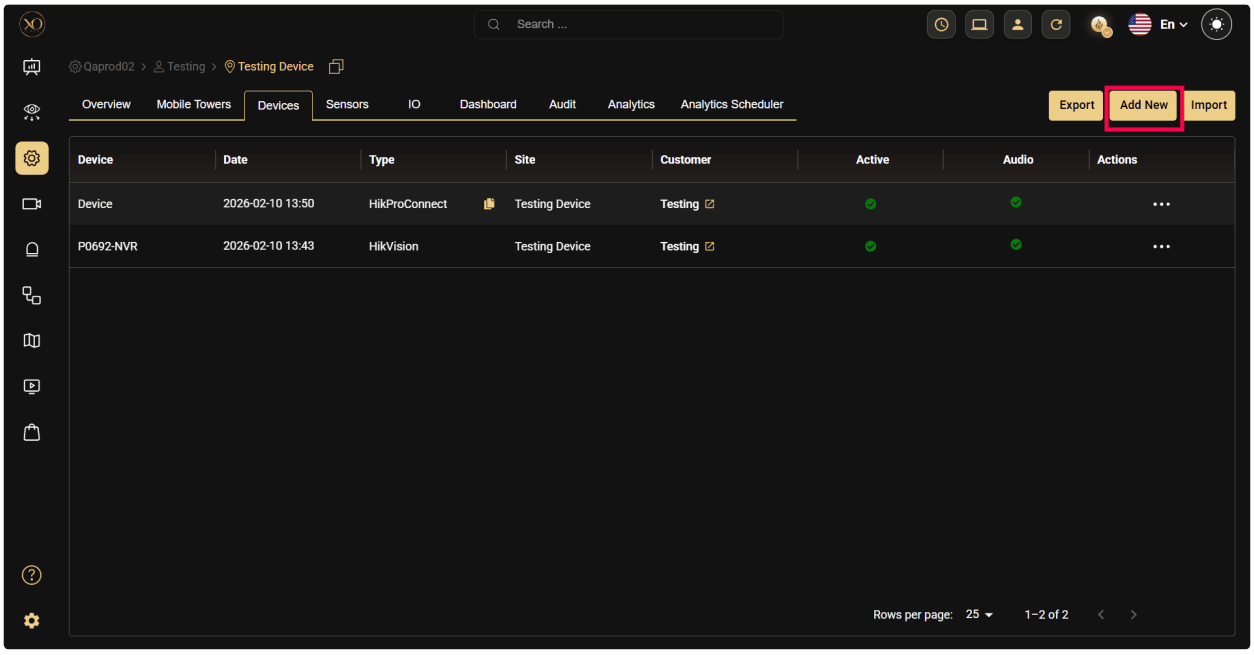
The Event Rules window in the Nx Witness client, listing rules for device disconnection and analytics events with their sources, actions, targets and intervals.

NX Witness Config Guide with GCXONE

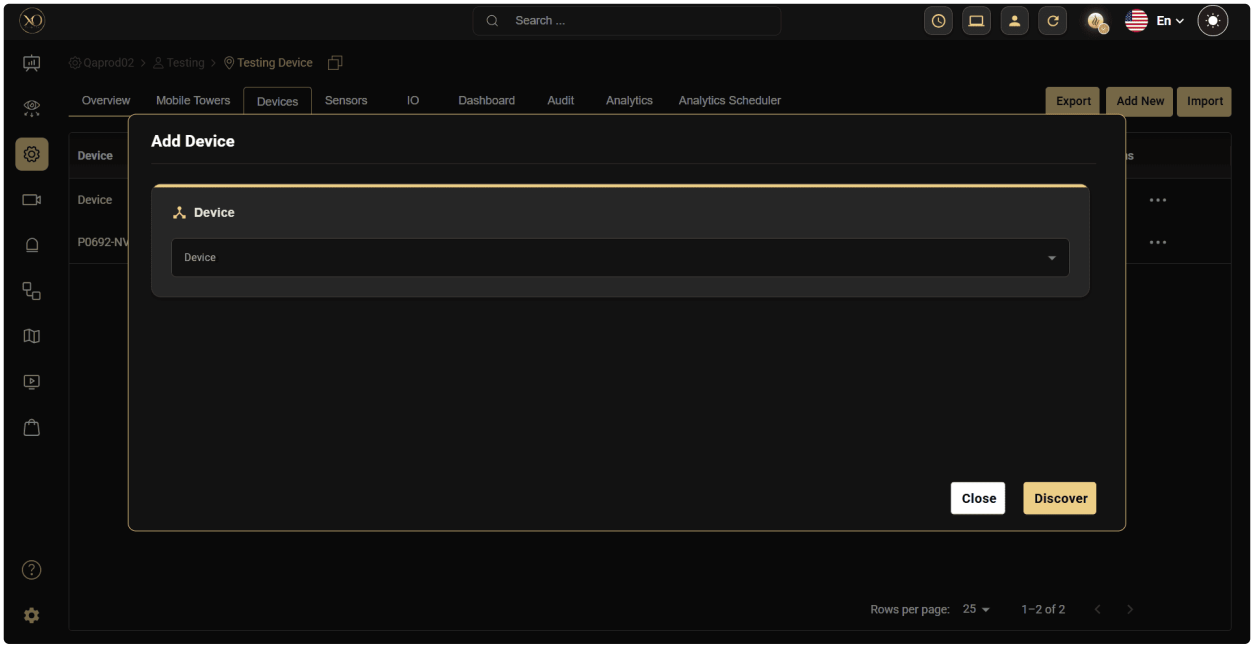
Step 1: Navigate to the Devices tab.



Step 2: Click the Add New button.



Step 3: The Add Device dialog will be displayed.

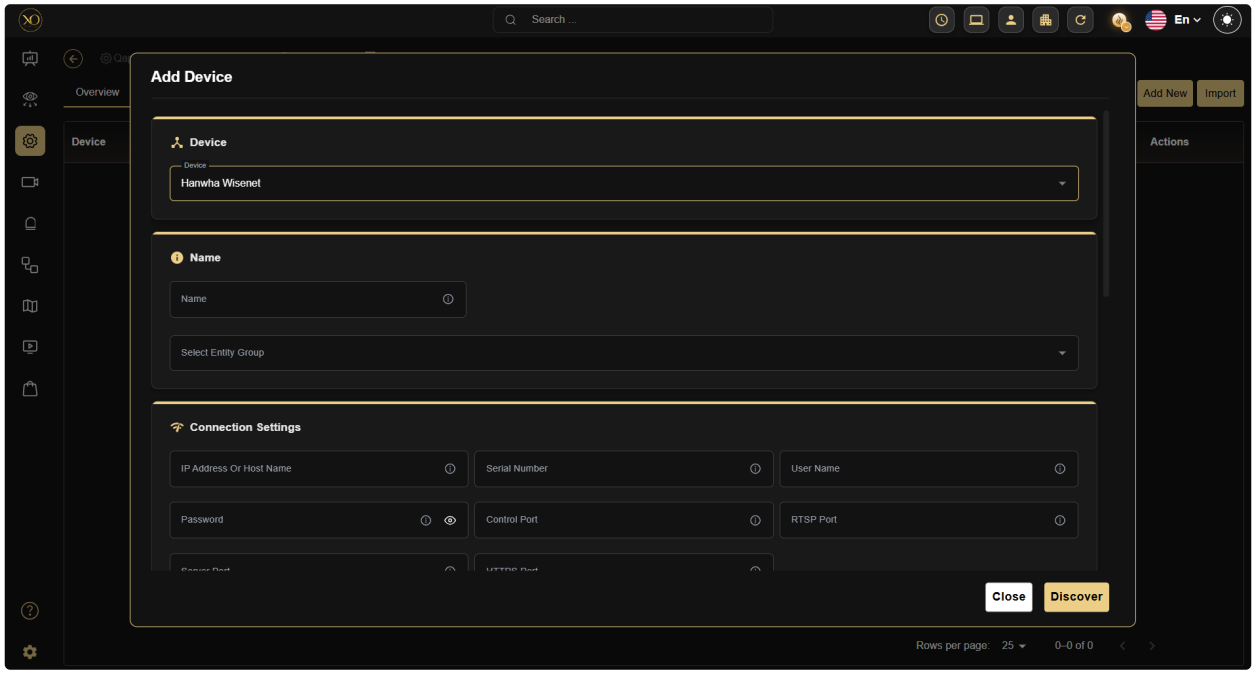


Step 4: Open the Device dropdown and search for NX Witness — there is no matching option. As of this writing, NX Witness does not appear as a selectable device type here (confirmed live: searching "witness" or "nx" in this dropdown returns no NX Witness entry). Integration works entirely through the webhook

rules configured in the NX Witness Configuration section above, each of which posts events to the ingest endpoint using a GCXONE Device ID in the Login/Password fields.

Obtaining a GCXONE Device ID

That Device ID must already exist for a device registered in GCXONE under a different device type. Since there is no dedicated NX Witness device type, register the underlying recorder in GCXONE under an existing device type instead — for example Hanwha Wisenet (same Device dropdown as above), as shown below — and use that device's Unique Reference Number as the GCXONE Device ID in the webhook's Login/Password fields.



Add Device dialog with Hanwha Wisenet selected as the device type, showing the Name, Select Entity Group, and Connection Settings fields.