

Clause de non-responsabilité

Avertissement juridique

Ce guide et son contenu (le « Guide ») sont fournis par NXGEN. Tous les droits sur le Guide et sur la propriété intellectuelle qu'il incorpore — y compris, sans s'y limiter, les marques, noms commerciaux, logos et signes similaires figurant dans ou sur le Guide — sont protégés par la loi. L'ensemble des droits, titres et intérêts relatifs au Guide et aux droits de propriété intellectuelle qui s'y rapportent appartiennent et demeurent à NXGEN et à ses concédants.

Le Guide est fourni gratuitement, « en l'état » et à titre d'information uniquement, sans garantie d'aucune sorte. Il n'est ni destiné ni propre à établir une quelconque relation juridique entre le lecteur et NXGEN ou ses sociétés affiliées, y compris, sans s'y limiter, une quelconque obligation de NXGEN ou de ses sociétés affiliées envers le lecteur.

Les obligations de NXGEN et de ses sociétés affiliées concernant les produits ou services NXGEN achetés par un client sont régies exclusivement par les termes du contrat au titre duquel ces produits ou services ont été achetés.

Pour clarification

Le lecteur assume l'intégralité du risque quant à l'utilisation, aux résultats et aux performances du Guide. Dans toute la mesure permise par la loi applicable, NXGEN décline et exclut toutes garanties, qu'elles soient légales, expresses ou implicites — y compris, sans s'y limiter, les garanties implicites de qualité marchande, d'adéquation à un usage particulier, de titre et de non-contrefaçon des droits de tiers — ainsi que toute responsabilité ou garantie découlant de suggestions, spécifications ou échantillons liés au Guide.

NX Witness

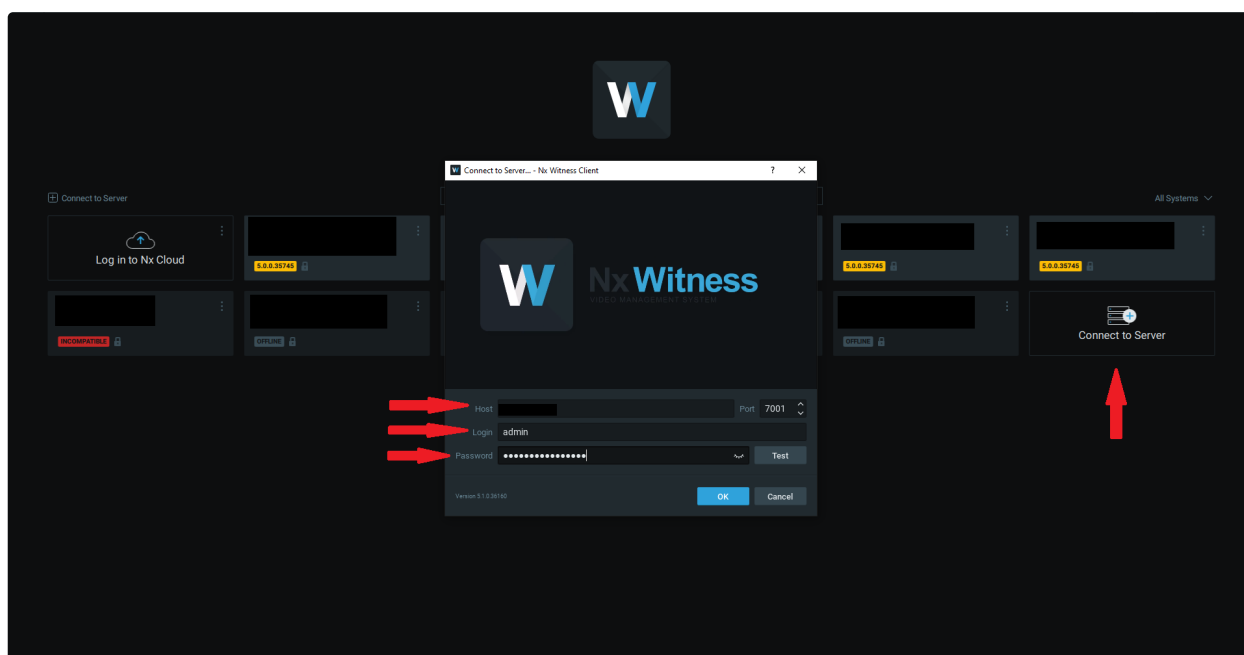
Updated 16 August 2026

Introduction

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

Configuration de NX Witness

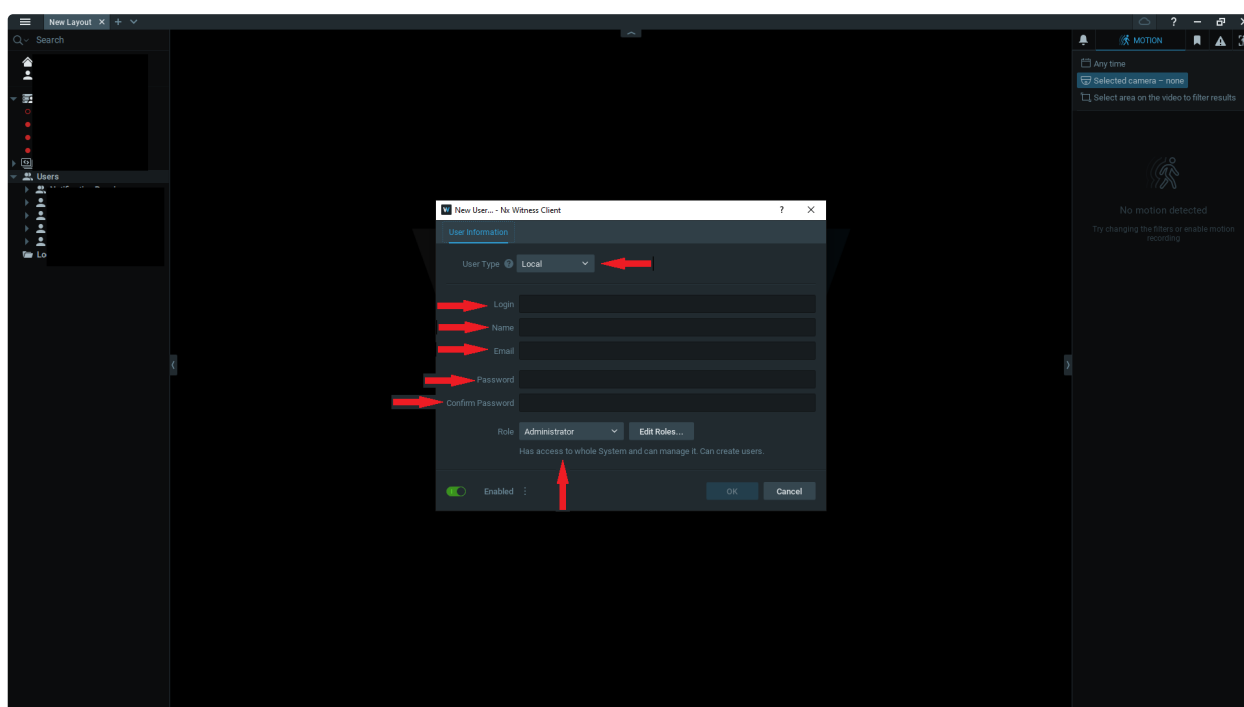
Étape 1 : Ouvrez le client NX Witness et cliquez sur « Connect to server ». Saisissez les identifiants administrateur/propriétaire, tels que l'adresse IP (HOST) de l'appareil, le nom d'utilisateur (Login) et le mot de passe dans la fenêtre contextuelle. Cliquez sur le bouton « OK » pour continuer.



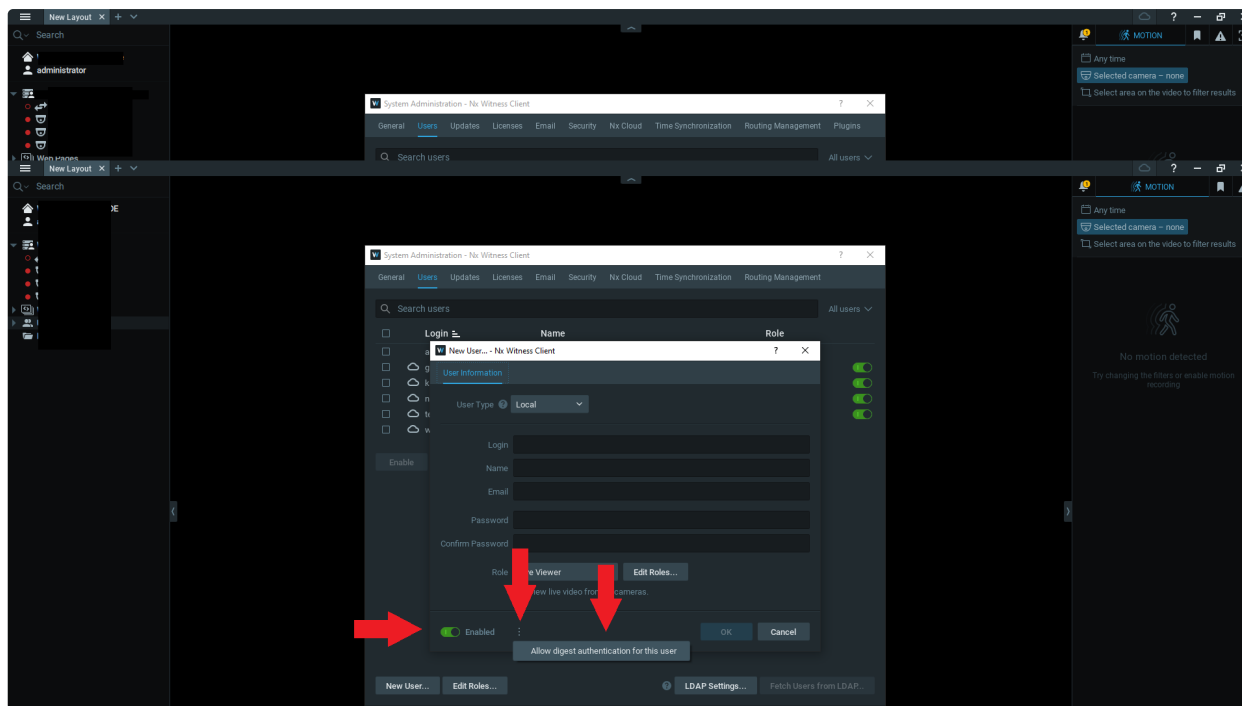
Étape 2 : Après vous être connecté, cliquez avec le bouton droit sur Users et sélectionnez New User...



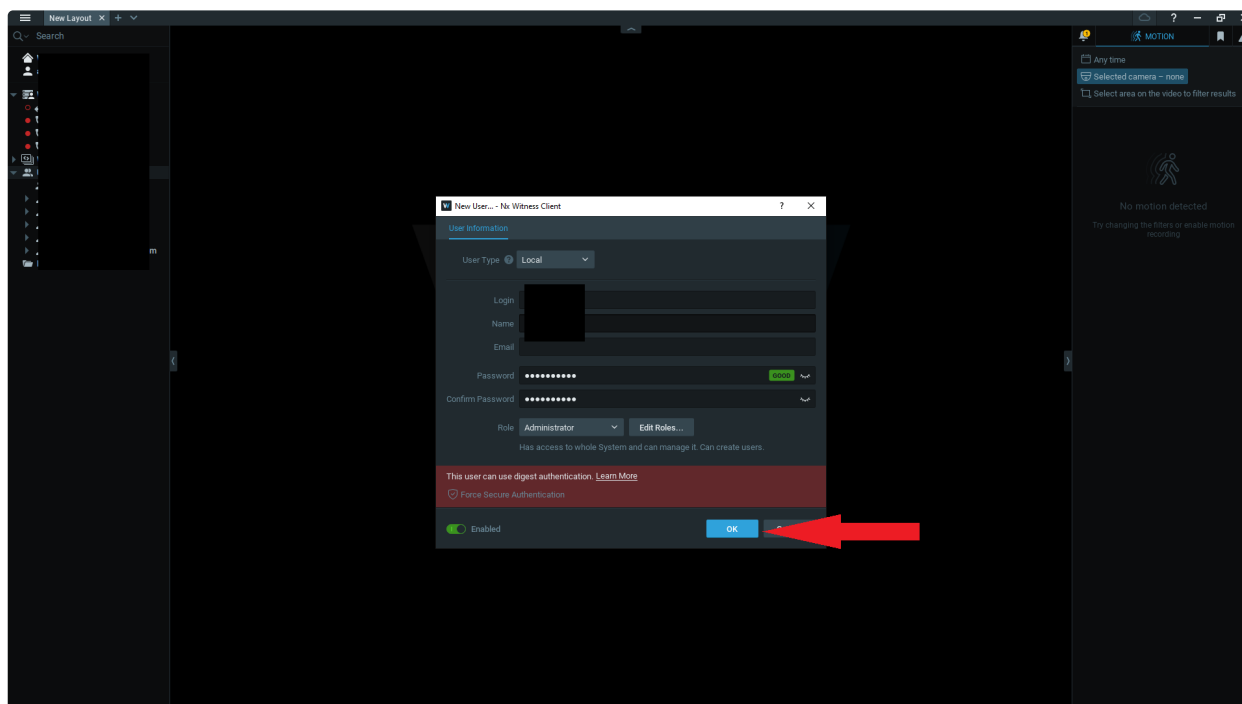
Étape 3 : Créez un nouvel utilisateur en remplissant l'écran mentionné ci-dessous. Le type d'utilisateur doit être « Local » et les rôles « Administrator ».



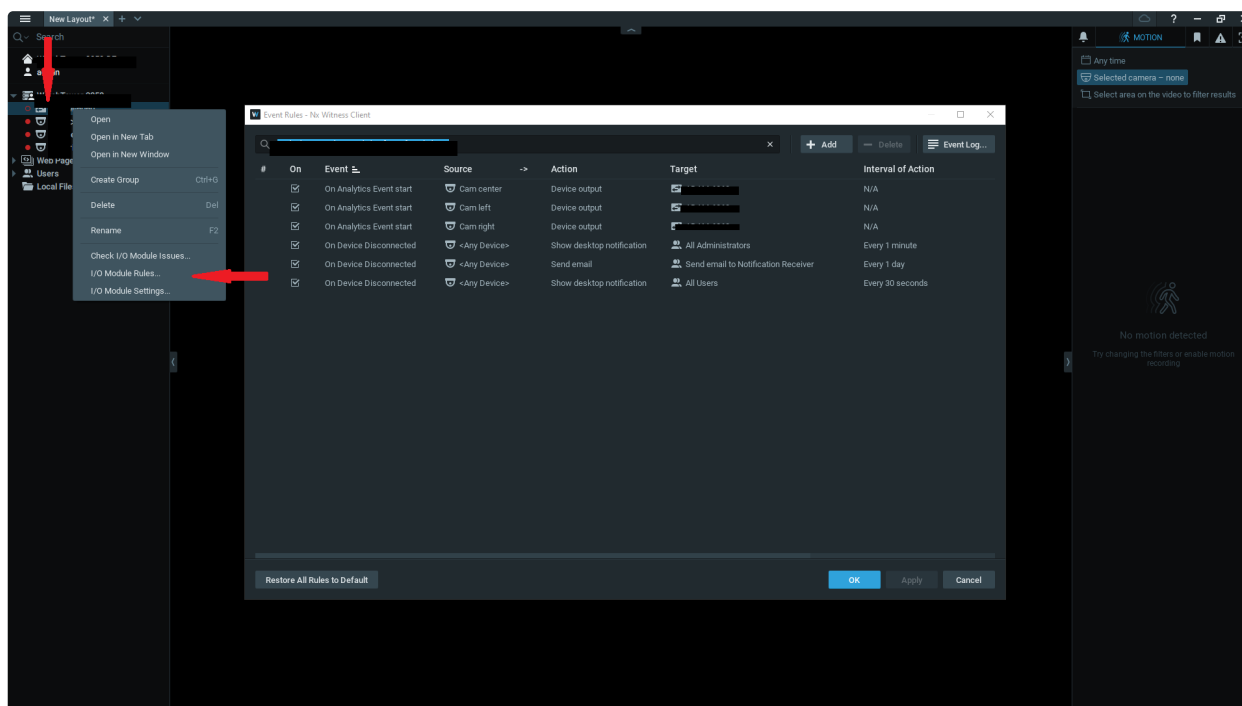
Étape 4 : Assurez-vous que le bouton bascule Enable est activé. Cliquez sur les trois points (...) mis en évidence à l'écran — cela affiche l'option Allow digest authentication for this user. Assurez-vous que cette option est sélectionnée.



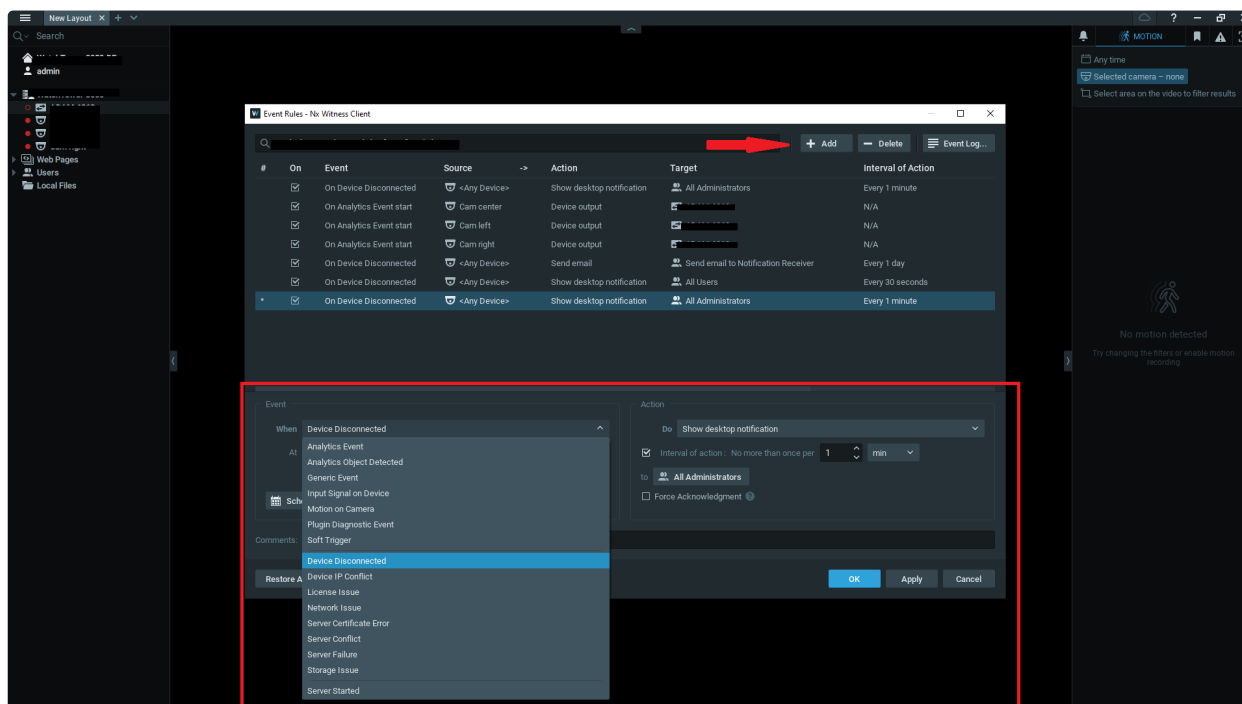
Step 5: You will be able to see the screen as show below post entering all the information. Click OK.



Step 6: Configure the I/O module. Right-click the I/O device and select I/O Module Issues.

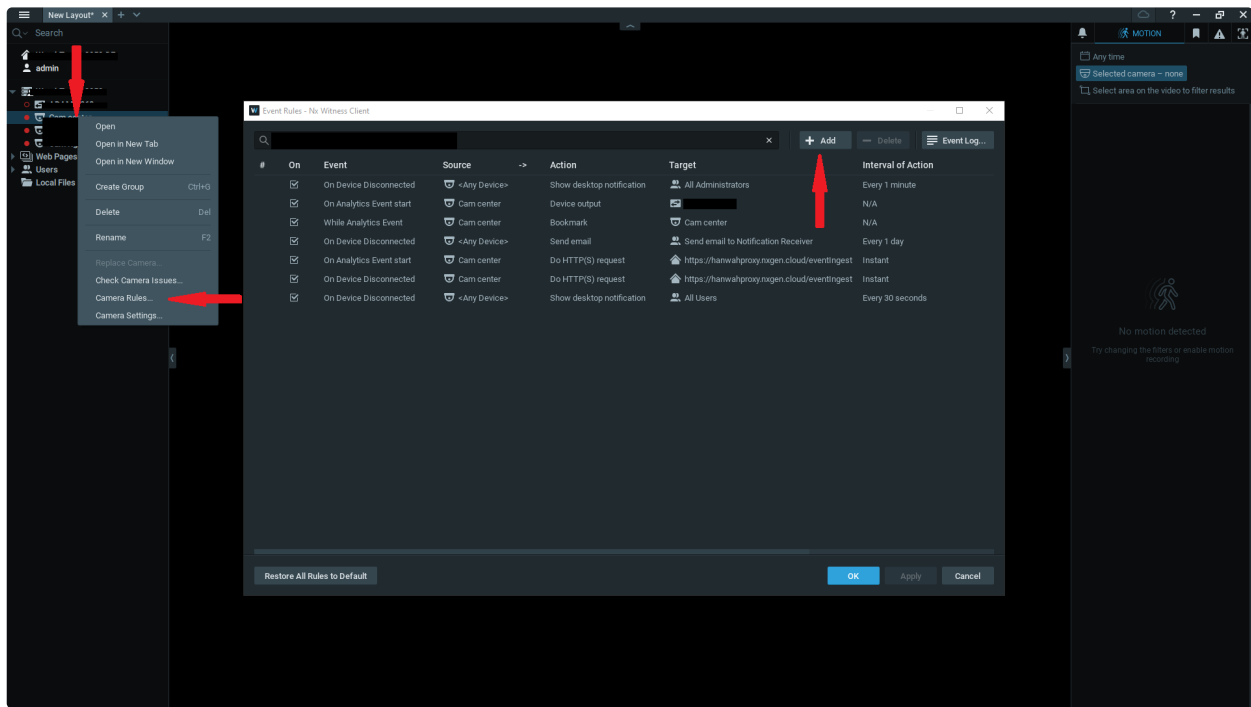


Step 7: Click Add and create the necessary rules as required.



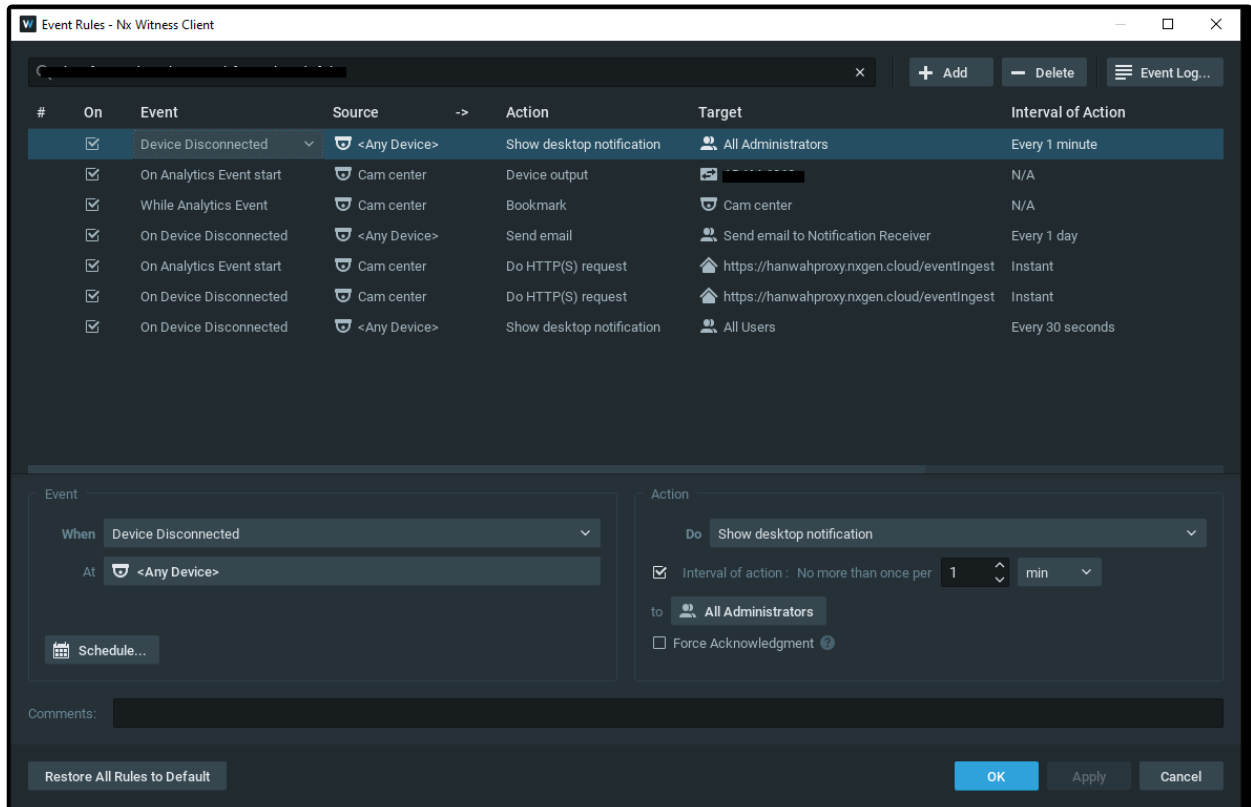
La fenêtre Event Rules du client Nx Witness avec la liste d'événements d'une règle ouverte sur Device Disconnected, et une flèche pointant le bouton Add en haut.

Step 8: To configure cameras/sensors, right-click each one individually and click Add.



Step 9: Create all the rules as mentioned below:

1. Device Disconnected



2. On Analytics Event start

The screenshot displays the 'Event Rules - Nx Witness Client' window. It features a table of rules and a detailed configuration panel for the selected 'Analytics Event' rule.

#	On	Event	Source	->	Action	Target	Interval of Action
☒	On Device Disconnected		<Any Device>		Show desktop notification	All Administrators	Every 1 minute
☒	Analytics Event		Cam center		Device output		N/A
☒	While Analytics Event		Cam center		Bookmark	Cam center	N/A
☒	On Device Disconnected		<Any Device>		Send email	Send email to Notification Receiver	Every 1 day
☒	On Analytics Event start		Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventIngest	Instant
☒	On Device Disconnected		Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventIngest	Instant
☒	On Device Disconnected		<Any Device>		Show desktop notification	All Users	Every 30 seconds

Event Configuration Panel:

- When:** Analytics Event (Starts)
- At:** Cam center
- Event Type:** Intrusion detection
- Caption contains:** Keywords separated by space
- Description contains:** Keywords separated by space
- Schedule...** button

Action Configuration Panel:

- Do:** Device output
- at:** [Redacted]
- ☐ Also trigger on source camera
- Output ID:** Cam Cente
- ☒ Fixed duration: 5 sec

Comments: [Empty text box]

Buttons: Restore All Rules to Default, OK, Apply, Cancel

3. While Analytics Event

Event Rules - Nx Witness Client

+

 Add

-

 Delete

Event Log...

#	On	Event	Source	->	Action	Target	Interval of Action
☒		On Device Disconnected	<Any Device>		Show desktop notification	All Administrators	Every 1 minute
☒		On Analytics Event start	Cam center		Device output	[REDACTED]	N/A
☒		Analytics Event	Cam center		Bookmark	Cam center	N/A
☒		On Device Disconnected	<Any Device>		Send email	Send email to Notification Receiver	Every 1 day
☒		On Analytics Event start	Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventingest	Instant
☒		On Device Disconnected	Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventingest	Instant
☒		On Device Disconnected	<Any Device>		Show desktop notification	All Users	Every 30 seconds

Event

When

Analytics Event

At

Cam center

Event Type:

Intrusion detection

Caption contains:

Keywords separated by space

Description contains:

Keywords separated by space

Schedule...

Action

Do

Bookmark

at

Cam center

☐ Also set on source camera

☐ Fixed duration:

5

seconds

Pre-recording:

9

seconds

Post-recording:

3

seconds

Tags:

Cam Center intrusion

Comments:

Restore All Rules to Default

OK

Apply

Cancel

4. On Event Disconnected

Event Rules - Nx Witness Client

+

 Add

-

 Delete

Event Log...

#	On	Event	Source	->	Action	Target	Interval of Action
☒		On Device Disconnected	<Any Device>		Show desktop notification	All Administrators	Every 1 minute
☒		On Analytics Event start	Cam center		Device output	[REDACTED]	N/A
☒		While Analytics Event	Cam center		Bookmark	Cam center	N/A
☒		Device Disconnected	<Any Device>		Send email	Send email to Notification Receiver	Every 1 day
☒		On Analytics Event start	Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventingest	Instant
☒		On Device Disconnected	Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventingest	Instant
☒		On Device Disconnected	<Any Device>		Show desktop notification	All Users	Every 30 seconds

Event

When

Device Disconnected

At

<Any Device>

Schedule...

Action

Do

Send email

to

Role - Notification Receiver

☒ Interval of action :

No more than once per

1

days

Additional Recipients:

Global Email Settings...

Comments:

Restore All Rules to Default

OK

Apply

Cancel

5. On Analytics Event start — Under the Action tab, configure:

- 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.

#	On	Event	Source	->	Action	Target	Interval of Action
	☒	While Analytics Event	Cam center		Bookmark	Cam center	N/A
	☒	On Device Disconnected	<Any Device>		Send email	Send email to Notification Receiver	Every 1 day
	☒	Analytics Event	Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventIngest	Instant
	☒	On Device Disconnected	Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventIngest	Instant

Event

When: Analytics Event

At: Cam center

Event Type: Intrusion detection

Caption contains: Keywords separated by space

Description contains: Keywords separated by space

Schedule...

Action

Do: Do HTTP(S) request

Interval of action: Instant

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

Comments:

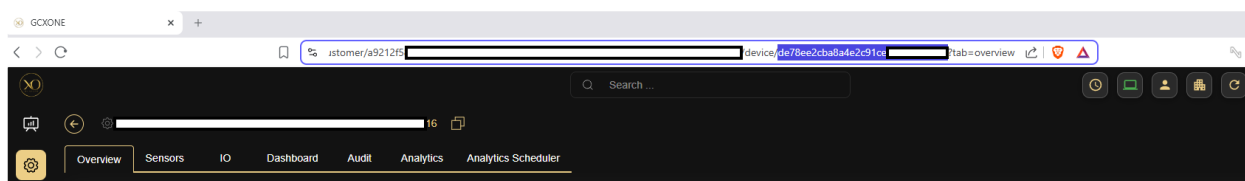
Restore All Rules to Default
OK
Apply
Cancel

- 6. On Device Disconnect — Under the Action tab, configure:

- Select: Do HTTP(S) request
- HTTP(S) URL: <https://hanwahproxy.nxgen.cloud/eventIngest>
- <https://gcx.nxgen.cloud/configuration/sp/4xxxxxxx0eb86b5748327b437a5/customer/xxxxxxx671e8539734d781/site>

** sensor id: 882e8f525a50444c98619e7xxxxxxx

** device id: de78ee2cba8a4e2c91ce887cxxxxxx



- 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.

Event Rules - Nx Witness Client

Search: [redacted] + Add - Delete Event Log...

#	On	Event	Source	->	Action	Target	Interval of Action
☒		On Device Disconnected	<Any Device>		Send email	Send email to Notification Receiver	Every 1 day
☒		On Analytics Event start	Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventingest	Instant
☒		Device Disconnected	Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventingest	Instant
☒		On Device Disconnected	<Any Device>		Show desktop notification	All Users	Every 30 seconds

Event

When: Device Disconnected

At: Cam center

Schedule...

Action

Do: Do HTTP(S) request

Interval of action: Instant

HTTP(S) URL: https://hanwahproxy.nxgen.cloud/eventingest

HTTP(S) Content: { "eventType": "motion_novideo", "camerain": [redacted] }

Content Type: application/json

Login: [redacted] Authentication Type: Basic

Password: [redacted] Request Method: POST

Comments: [redacted]

Restore All Rules to Default OK Apply Cancel

- 7. On Device Disconnected

Event Rules - Nx Witness Client

Search: [redacted] + Add - Delete Event Log...

#	On	Event	Source	->	Action	Target	Interval of Action
☒		On Device Disconnected	<Any Device>		Show desktop notification	All Administrators	Every 1 minute
☒		On Analytics Event start	Cam center		Device output	[redacted]	N/A
☒		While Analytics Event	Cam center		Bookmark	Cam center	N/A
☒		On Device Disconnected	<Any Device>		Send email	Send email to Notification Receiver	Every 1 day
☒		On Analytics Event start	Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventingest	Instant
☒		On Device Disconnected	Cam center		Do HTTP(S) request	https://hanwahproxy.nxgen.cloud/eventingest	Instant
☒		Device Disconnected	<Any Device>		Show desktop notification	All Users	Every 30 seconds

Event

When: Device Disconnected

At: <Any Device>

Schedule...

Action

Do: Show desktop notification

Interval of action: No more than once per 30 sec

to: All Users

Force Acknowledgment

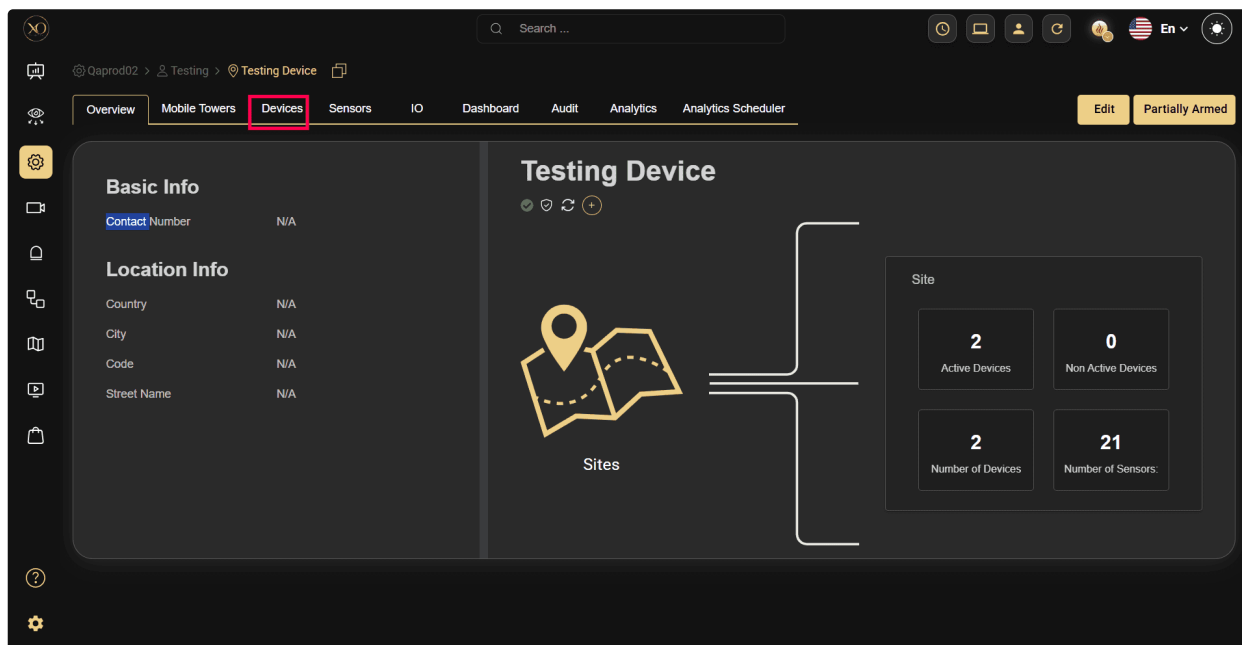
Comments: [redacted]

Restore All Rules to Default OK Apply Cancel

La fenêtre Event Rules du client Nx Witness, listant les règles de déconnexion d'appareil et d'événements analytiques avec leurs sources, actions, cibles et intervalles.

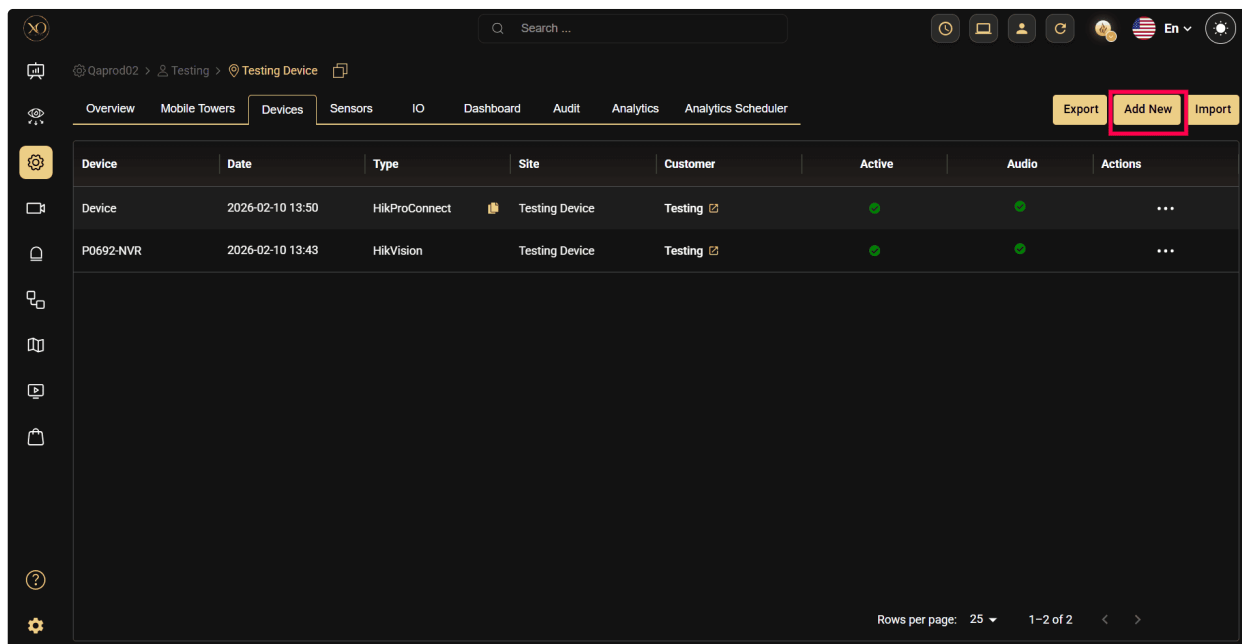
NX Witness Config Guide with GCXONE

Step 1: Navigate to the Devices tab.



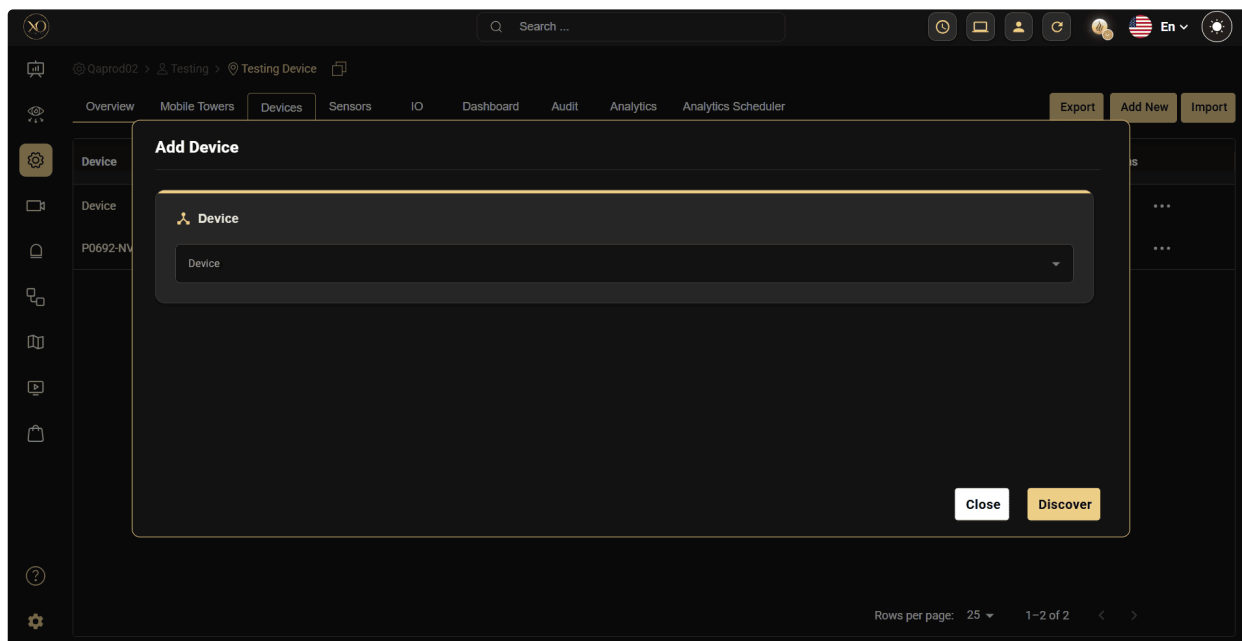
NX Witness configuration

Step 2: Click the Add button.



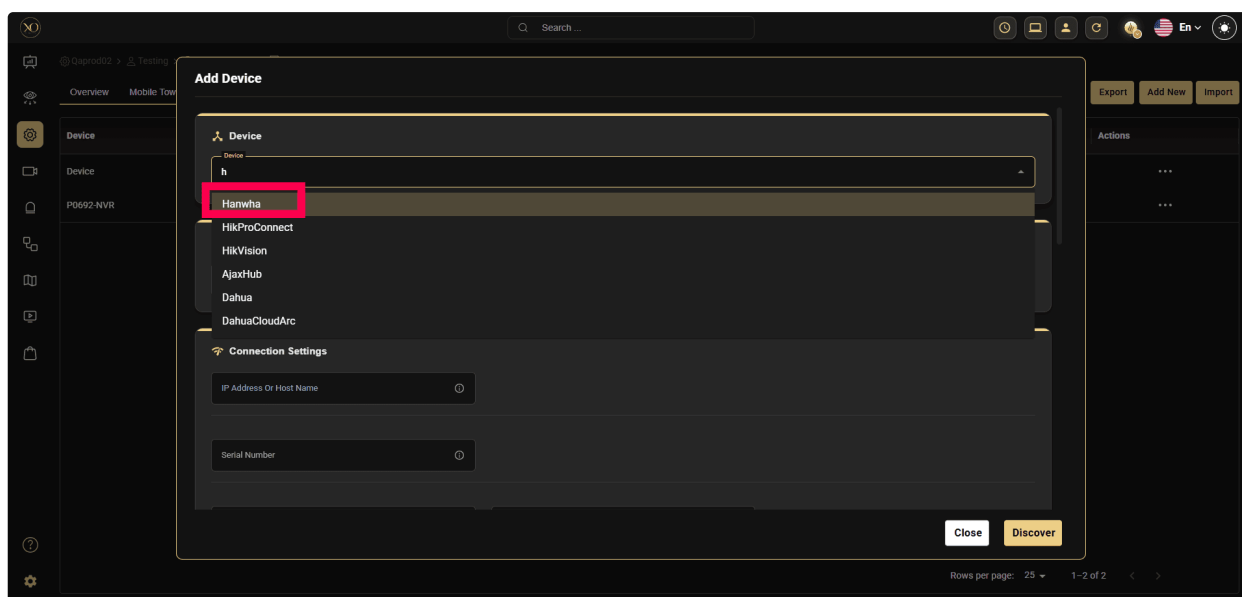
NX Witness configuration

Step 3: The Add Device dialog will be displayed.



NX Witness configuration

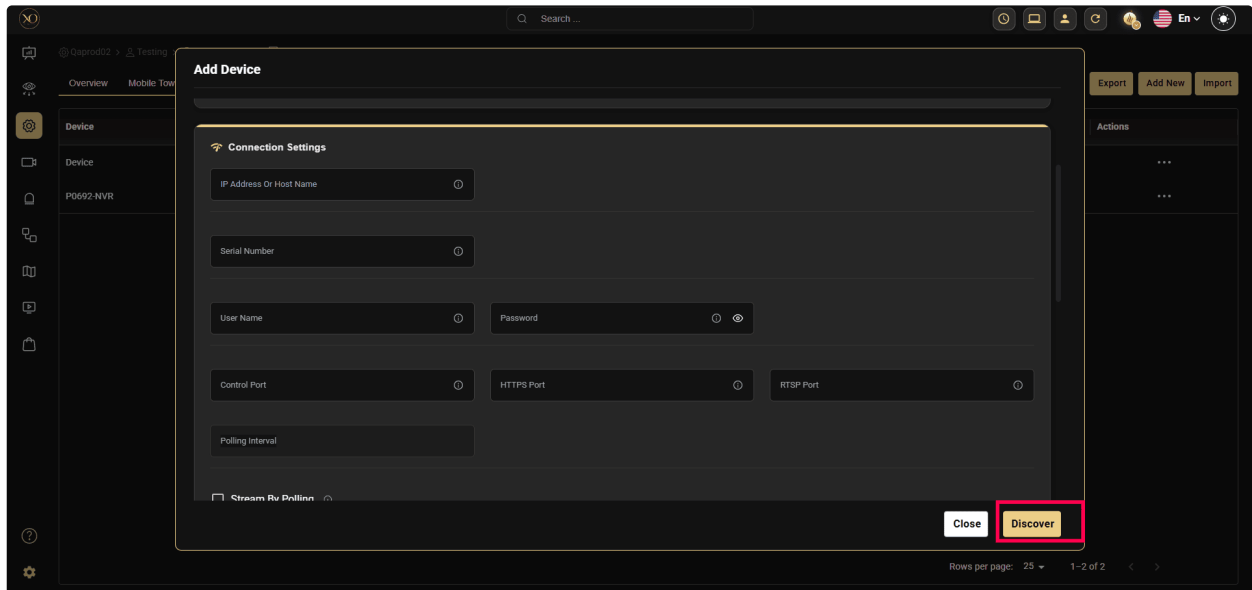
Step 4: In the dialog, open the Device dropdown and select NX Witness.



NX Witness configuration

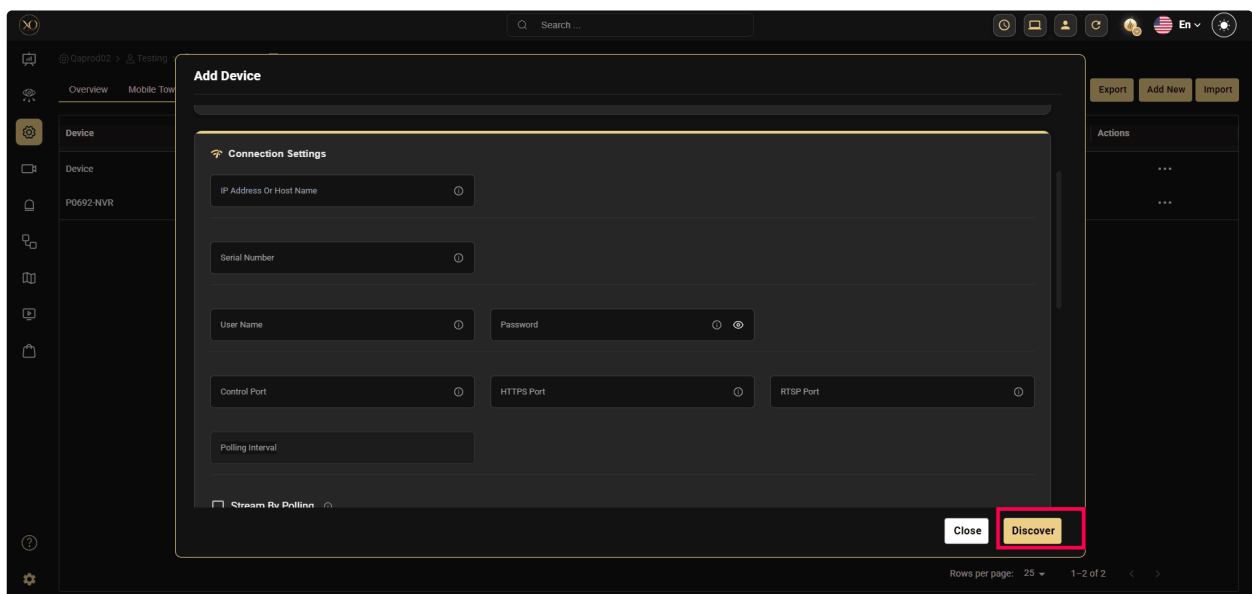
Step 5: Enter all required fields: IP Address or Host, Username, Password, RTSP Port, HTTPS Port.

Note: The HTTPS Port field is mandatory when adding an NX Witness device.



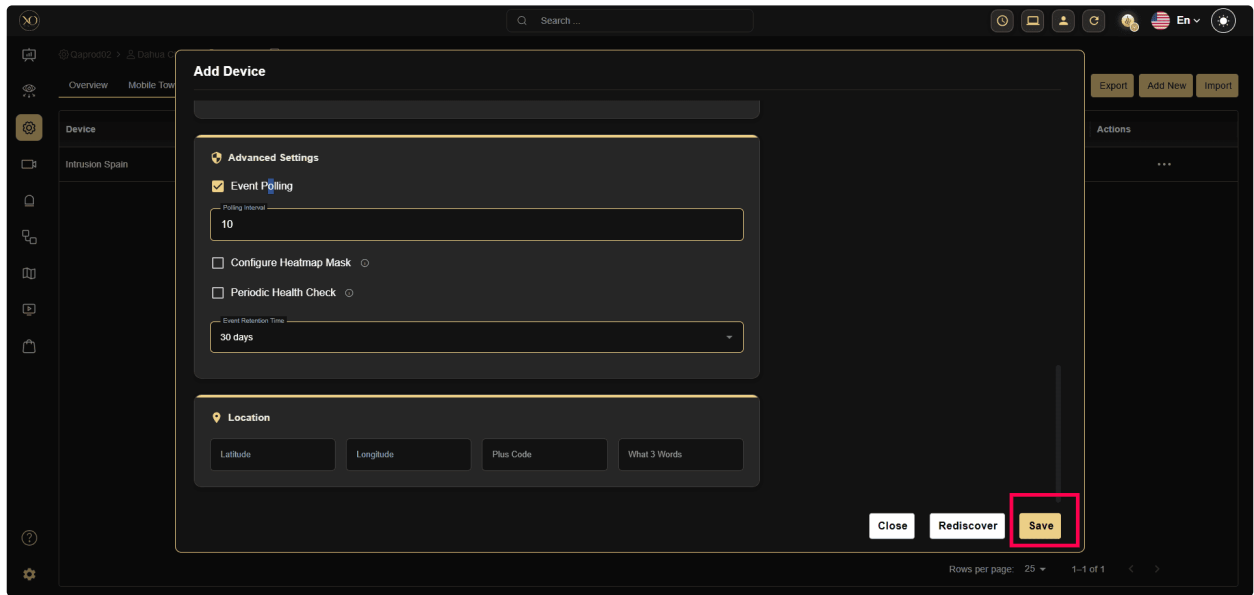
NX Witness configuration

Step 6: Click Discover.



NX Witness configuration

Step 7: Once the device is successfully discovered, click Save.



The screenshot displays the 'Add Device' configuration window in the NX Witness interface. The window is divided into two main sections: 'Advanced Settings' and 'Location'.

Advanced Settings:

- ☒ **Event Polling**
 - Polling Interval: 10
- ☐ **Configure Heatmap Mask**
- ☐ **Periodic Health Check**
 - Event Retention Time: 30 days

Location:

- Latitude: [input field]
- Longitude: [input field]
- Plus Code: [input field]
- What 3 Words: [input field]

At the bottom right of the dialog, there are three buttons: 'Close', 'Rediscover', and 'Save'. The 'Save' button is highlighted with a red rectangle.

The background interface shows a sidebar with 'Overview' and 'Mobile Tools' tabs, and a main area with 'Device' and 'Intrusion Span' sections. The top right corner includes a search bar and user profile information.

NX Witness configuration