

Centegix Integration Guide

Integrating Newline Secure with Centegix CrisisAlert

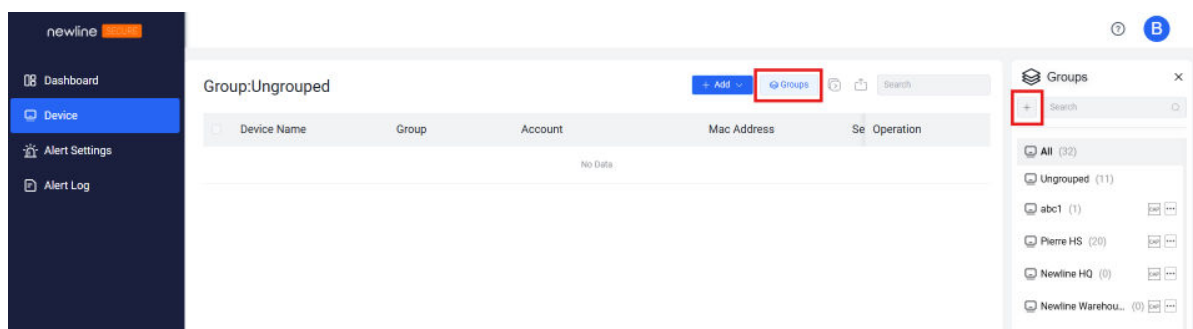
This guide will walk you through integrating Newline Secure with Centegix CrisisAlert using the Centegix IP Integrations feature.

Before proceeding with this guide, please ensure that you have followed the Portal Sign-Up Guide in order to create your account!

Note: Only Newline Q Pro Series Panels are currently supported. For best performance and stability, please ensure that your Q Pro is on firmware v1.0.75 or higher.

Step 1: Create a Device Group

- On the 'Device' tab, look for the 'Groups' sidebar and click the '+' icon



- If you do not see the 'Groups' sidebar, then you can click the 'Groups' button to open it.
- Type in a name for your group in the text box that appears, and click the '✓' icon



Step 2: Register Your Devices

Note: Only Newline Q Pro Series Panels are currently supported. For best performance and stability, please ensure that your Q Pro is on firmware v1.0.75 or higher.

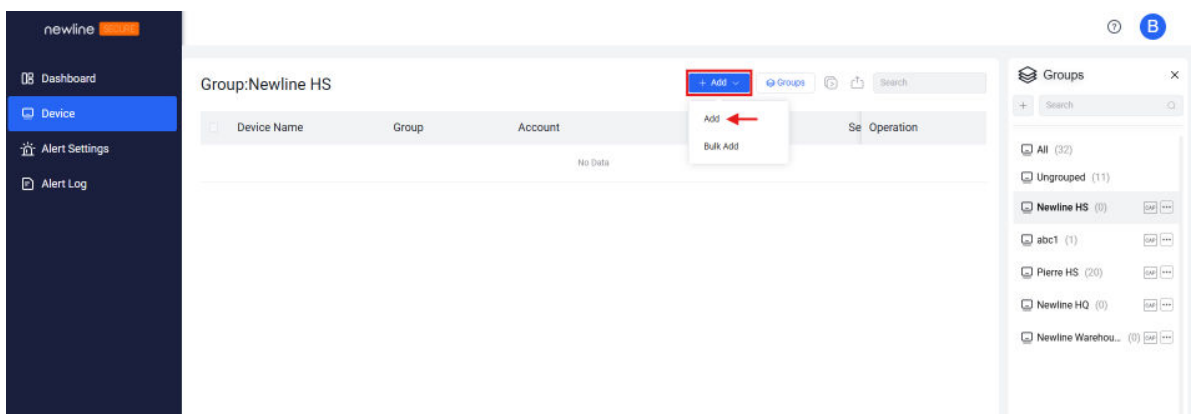
There are three methods for registering your devices to a Newline Secure Device Group:

- Single Device Registration via the Web Console
- Bulk Device Registration via the Web Console
- Registration via the Newline Secure Android Application on the Display

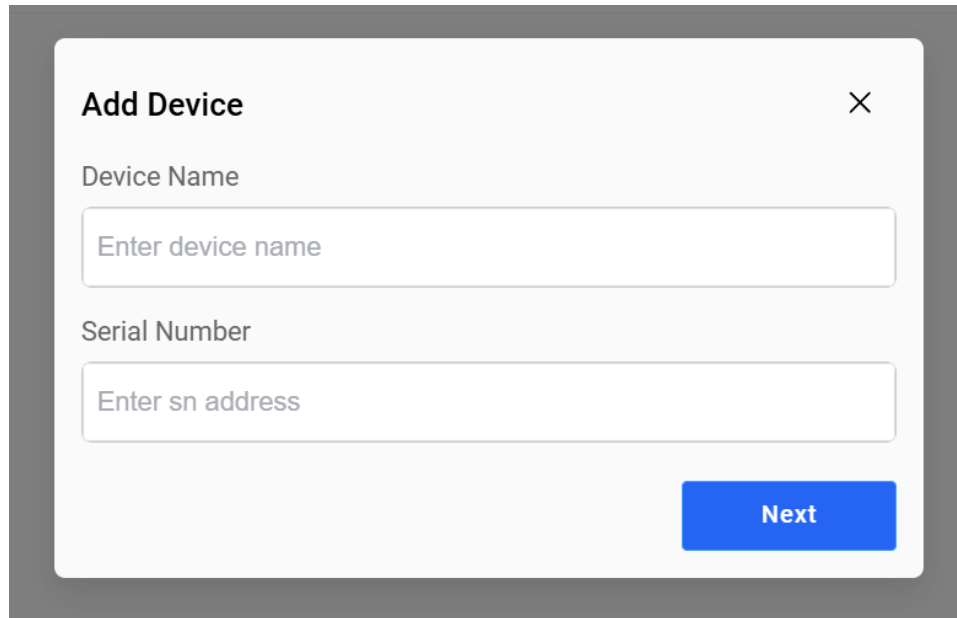
2.1 Register Your Device on the Newline Secure Web Console

2.1.1 Single Device Registration (Method 1)

- On the 'Device' tab, navigate to and click the blue 'Add' button, then select 'Add'



- Input the device's serial number and set a name for the device, then click 'Next'



Add Device ✕

Device Name

Enter device name

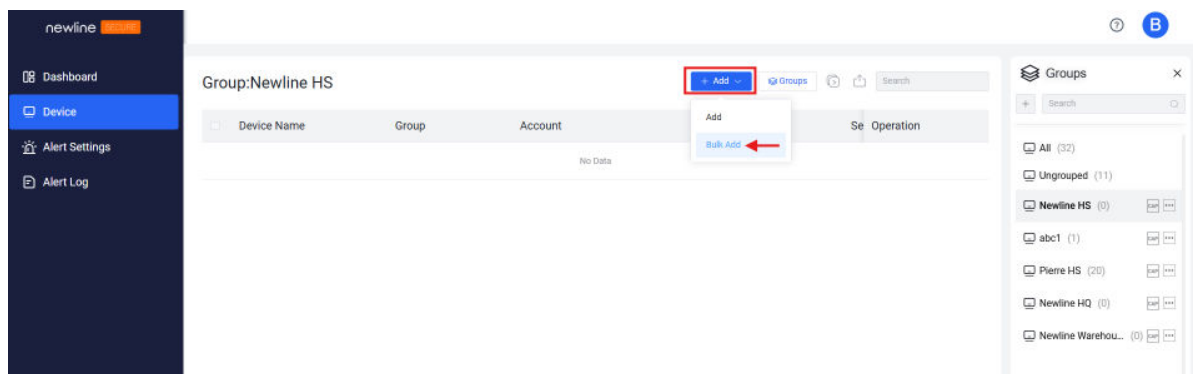
Serial Number

Enter sn address

Next

2.1.2 Bulk Device Registration (Method 2)

- On the 'Device' tab, navigate to and click the blue 'Add' button, then select 'Bulk Add'



- Download the import template using the provided link

Group

Account

Bulk Add

×

1

Please download the link first

[↓ Import Template](#)

2

Supports batch upload in Excel file format

📎

Upload

✖

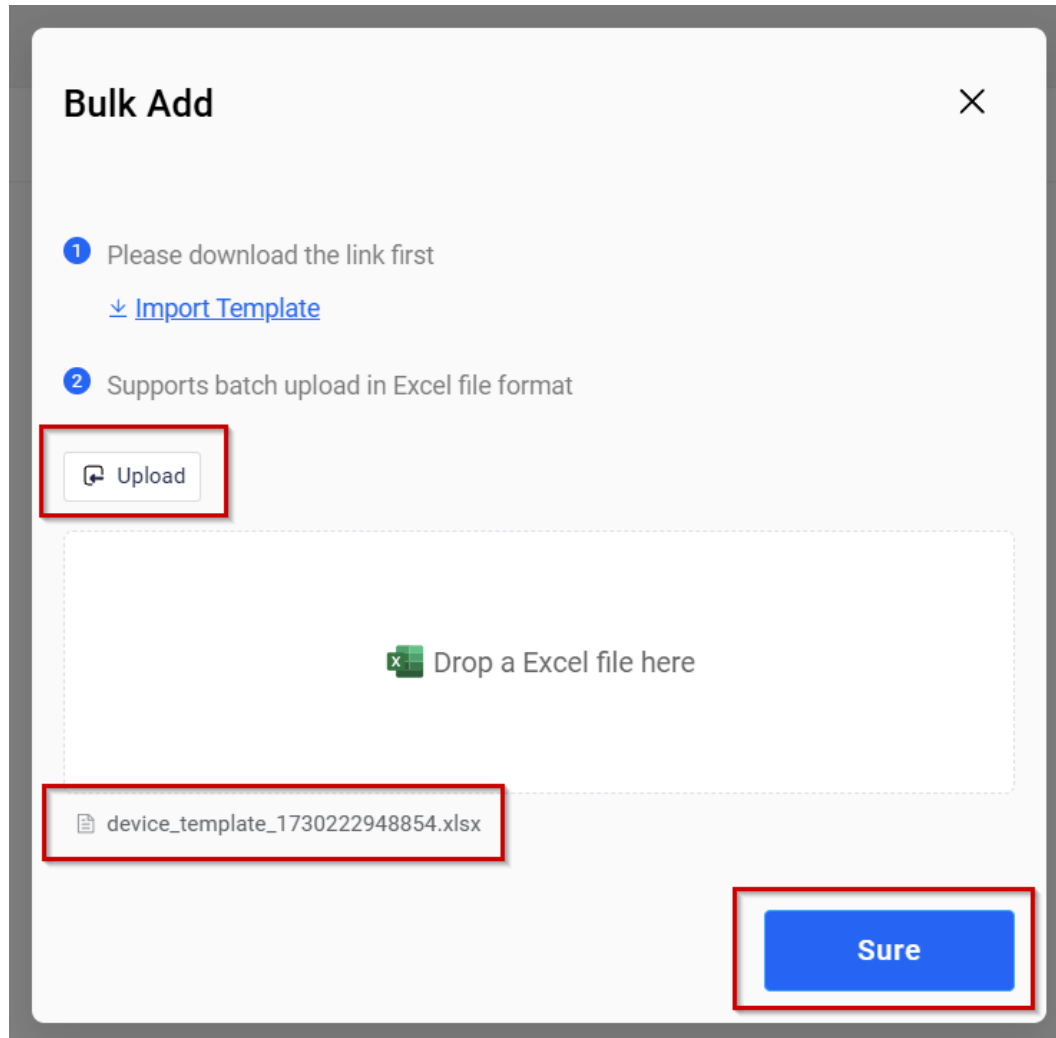
Drop a Excel file here

Sure

- Enter your devices into the Excel table and save the import template to your computer (.xlsx format)

Device Name	Group Name	Serial Number
RM 105 - Q Pro	Pierre HS	DFQ555Z2UA5082
RM 106 - Q Pro	Pierre HS	DFQ555Z2UA5083
RM 107 - Q Pro	Pierre HS	DFQ555Z2UA5084
RM 108 - Q Pro	Pierre HS	DFQ555Z2UA5085

- Select 'Upload' or drag and drop the Excel file into the designated area, then click the confirmation button to complete bulk-registration



2.2 Registration via the Newline Secure Android Application (Method 3)

- Open the 'Newline Secure' application on your display
- Tap 'Account Binding'
- Login with your Newline Secure account information

The registration screen features a dark blue background with a red circuit-like pattern. A central white box contains the title "REGISTRATION" with a refresh icon. Below it are two tabs: "Background binding" and "Account binding". The "Account binding" tab is active. Under the "Account" section, there is a text input field labeled "Enter your email". Under the "Password" section, there is a text input field labeled "Enter your password" with a toggle icon. A red "Log in" button is positioned below the password field. At the bottom of the white box is a link for "Privacy Policy & Terms of Service". The version number "V1.1.0.20240417" is in the bottom right corner.

- Enter a device name for this display

The "Set Device Name" screen has a dark blue background. At the top right is a user icon. The title "Set Device Name" is centered. Below it is a text input field containing "Classroom 301". A red "Next" button is centered below the input field. The version number "V1.1.0.20240417" is in the bottom right corner.

- Select at least one group for this display to be registered to

- Note: These settings automatically apply **globally** across all Newline Secure groups and devices

Step 4: Create your Centegix Alerts

- Centegix provides a brief tutorial on how to create and edit alert types

https://www.youtube.com/watch?v=kvZUy_gjwR8&t

Note: Custom Audio & Images are not currently supported by Newline Secure.

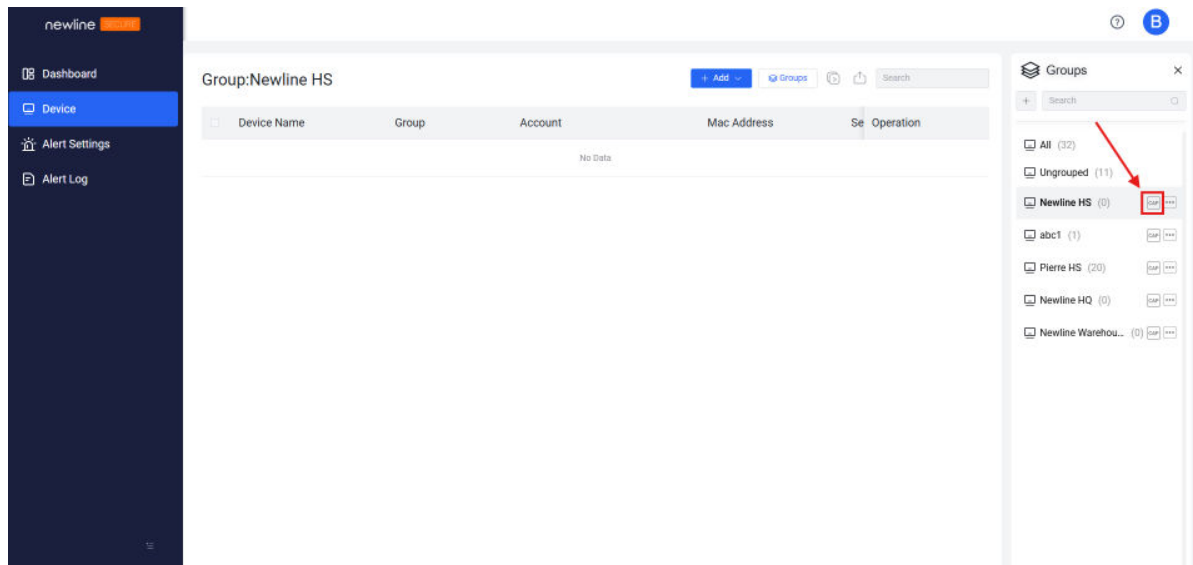
Step 5: Add the Newline Secure API Connectors to the IP Integrations

Now that you have created an alert, we will need to use the API Connectors created by the Newline Secure Portal and setup the IP Integrations in the Centegix CrisisAlert portal

Generate CAP 'Alert' Information from Newline Secure

To create a **Centegix API Connector** to attach to a **Centegix IP Integration**, we first need to generate the Common Alerting Protocol (CAP) endpoint information for each Newline Secure group:

- Click the 'CAP' button in the device group list to generate CAP integration information



- Now you should see a window appear that contains the API endpoint information for your Newline Secure group. Keep this window open as we will need to copy this information over to the Centegix CrisisAlert console.

API Connector

×

To configure API connector, you will need below information:

Security platform:

centegix ▾

Webhook URL:

https://secure.newline-interactive-global.com/api/apiHub/v1/cap/message

Username:

Password:

Alert ▾

Body:

<?xml version="1.0" encoding="UTF-8"?> <alert xmlns="urn:oasis:names:tc:emergency:cap:1.2"> <identifier><![CDATA{alert_id}]]></identifier> <sender>Centegix</sender> <sent><![CDATA{alert_created_at}]]></sent> <status>Actual</status> <msgType>Alert</msgType> <scope>Public</scope> <info> <category>Safety</category> <event>Centegix Alert</event> <urgency>Immediate</urgency> <severity>Severe

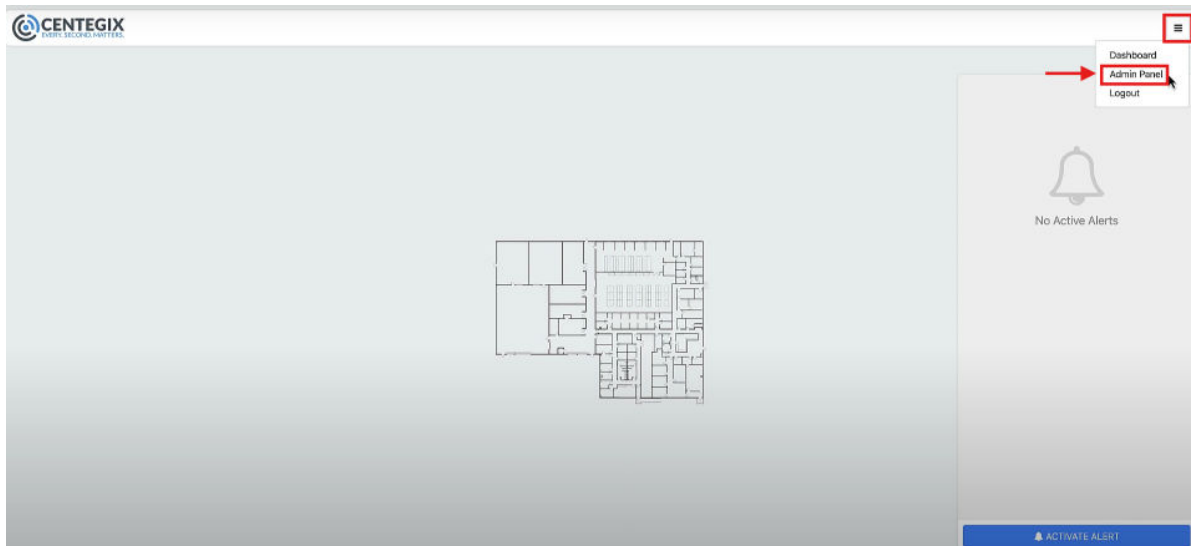
Instructions :

You can quickly access the third-party platform via the link below.

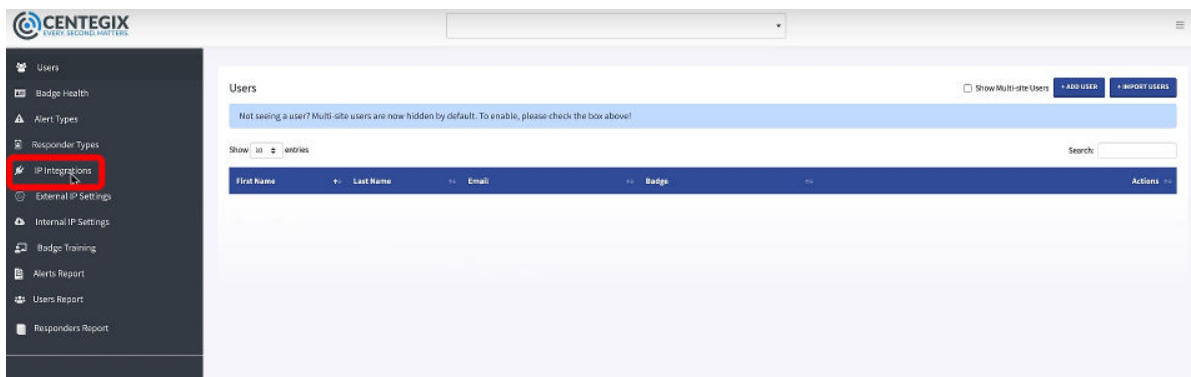
singlewire: <https://admin.icmobile.singlewire.com>

Centegix: <https://web.centegix.com>

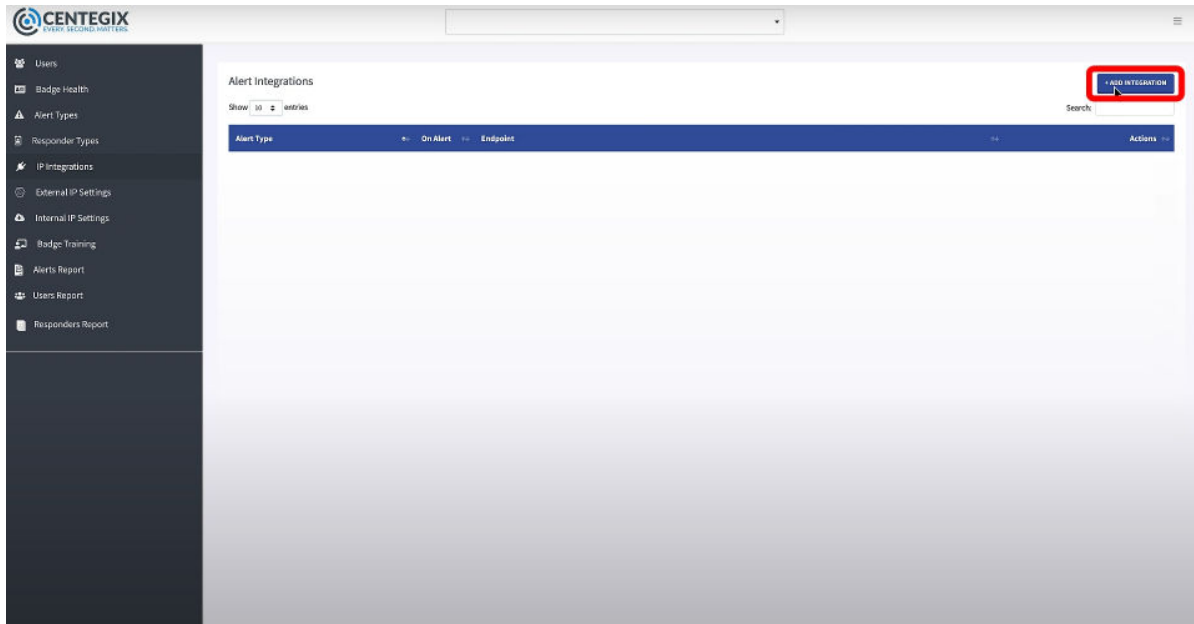
- Ensure that **'Security Platform'** is set to **Centegix**
- Ensure that **'Body'** is set to **Alert**
- In the Centegix CrisisAlert dashboard, click the 'Menu' icon on the top right
- Then select 'Admin Panel'



- Once in the 'Admin Panel', navigate to and click on the 'IP Integrations' option on the left side.



- Next on the 'Alert Integrations' page, select '+ Add Integration' in the top right



- This is the 'New IP Integration' screen where we will enter the Newline Secure API Connectors information from earlier. We'll go over each dropdown individually.

- Click on the 'Select Event' dropdown, in this step we will be creating an 'Open', so select 'On Alert Open'

CENTEGIX
EVERY SECOND MATTERS

Users
Badge Health
Alert Types
Responder Types
IP Integrations
External IP Settings
Internal IP Settings
Badge Training
Alerts Report
Users Report
Responders Report

New IP Integration BACK TO INTEGRATIONS

What alert event should trigger this rule?

- Select Event -
- On Alert Open
- On Alert Update
- On Alert Close

What endpoint should be called?

https://303.168.1.1/test

Authentication Scheme

None

What type of action should be taken?

- Select Action -

CREATE INTEGRATION

- Next, we will select the type of alert to apply, here you will select an alert type that you have created earlier

CENTEGIX
EVERY SECOND MATTERS

Users
Badge Health
Alert Types
Responder Types
IP Integrations
External IP Settings
Internal IP Settings
Badge Training
Alerts Report
Users Report
Responders Report

New IP Integration BACK TO INTEGRATIONS

What alert event should trigger this rule?

- Select Event -

What type of alert should this rule apply to?

- Select Alert Type -
- Staff Alert
- LOCKDOWN! Locks, lights, out of sight
- EVACUATE!
- SECURE! Get Inside. Lock outside doors.
- HOLD! In your room or area. Clear the halls.
- SHELTER! Hazard and safety strategy.
- DRILL LOCKDOWN! Locks, Lights, Out of Sight
- Test

- Select Action -

CREATE INTEGRATION

- Next is the 'endpoint', for this field we will copy the 'Webhook URL' from the Newline Secure portal

API Connector

To configure API connector, you will need below information:

Security platform: centegix

Webhook URL:

https://secure.newline-interactive-global.com/api/apiHub/v1/cap/message/

Username:

Password:

Alert

Body:

<?xml version="1.0" encoding="UTF-8"?> <alert xmlns="urn:oasis:names:tc:emergency:cap:1.2"> <identifier><![CDATA(alert_id)]></identifier> <sender>Centegix</sender> <sent><![CDATA(alert_created_at)]></sent> <status>Actual</status> <msgType>Alert</msgType> <scope>Public</scope> <info> <category>Safety</category> <event>Centegix Alert</event> <urgency>Immediate</urgency> <severity>Severe

Instructions :

You can quickly access the third-party platform via the link below.

singlewire: https://admin.icmobile.singlewire.com

Centegix: https://web.centegix.com

- And paste it into this field

CENTEGIX

EMERGENCY RESPONSE SYSTEMS

Users

Bridge Health

Alert Types

Responder Types

IP Integrations

External IP Settings

Internal IP Settings

Bridge Training

Alerts Report

Users Report

Responders Report

New IP Integration

What alert event should trigger this rule?

- Select Event -

What type of alert should this rule apply to?

- Select Alert Type -

What endpoint should be called?

https://192.168.1.1/test

Authentication Scheme

None

What type of action should be taken?

- Select Action -

CREATE INTEGRATION

- Now we will choose the 'Authentication Scheme', please select 'Basic Auth' from the dropdown

Centegix Integration Guide

14

CENTEGIX
WHERE SECOND MATTERS

Users
Badge Health
Alert Types
Responder Types
IP Integrations
External IP Settings
Internal IP Settings
Badge Training
Alerts Report
Users Report
Responders Report

New IP Integration BACK TO INTEGRATIONS

What alert event should trigger this rule?
--Select Event--

What type of alert should this rule apply to?
--Select Alert Type--

What endpoint should be called?
http://192.168.1.1:8080

Authentication Scheme

- ☒ None
- ☐ Basic Auth
- ☐ Bearer Token

CREATE INTEGRATION

- For 'Basic Auth', copy the username and password from the Newline Secure portal and paste them in the appropriate fields in the Centegix CrisisAlert console.

API Connector ×

To configure API connector, you will need below information:

Security platform: centegix ▼

Webhook URL: <https://secure.newline-interactive-global.com/api/apiHub/v1/cap/message/> 📄

Username: 📄

Password: 📄

Alert ▼

Body:

```
<?xml version="1.0" encoding="UTF-8"?> <alert xmlns="urn:oasis:names:tc:emergency:cap:1.2"> <identifier><![CDATA{alert_id}]]></identifier> <sender>Centegix</sender> <sent><![CDATA{alert_created_at}]]></sent> <status>Actual</status> <msgType>Alert</msgType> <scope>Public</scope> <info> <category>Safety</category> <event>Centegix Alert</event> <urgency>Immediate</urgency> <severity>Severe
```

📄

Instructions :
You can quickly access the third-party platform via the link below.

singlewire: <https://admin.icmobile.singlewire.com>
Centegix: <https://web.centegix.com>

Edit Custom IP Integration BACK

What alert event should trigger this rule?
On Alert Open

What type of alert should this rule apply to?
Centegix Newline Test

What endpoint should be called?
https://secure.newline-interactive-global.com/api/apiHub/v1/cap/message

Authentication Scheme
Basic Auth CANCEL EDIT

Username Password

[+ ADD CUSTOM HEADER](#)

What type of action should be taken?

- Lastly, we will choose the action type, select 'External POST Request' from the dropdown

NEW IP INTEGRATION BACK TO INTEGRATIONS

What alert event should trigger this rule?
- Select Event -

What type of alert should this rule apply to?
- Select Alert Type -

What endpoint should be called?
https://192.168.1.1/

Authentication Scheme
None

What type of action should be taken?
✓ - Select Action -
Internal GET Request
Internal POST Request
External GET Request (Web Request)
External POST Request (Web Request) ←

- After that, please select 'XML' as the object type and paste the Alert 'Body' from the Newline Secure Console into the appropriate field in the Centegix console.
(Make sure that the XML body correctly shows the msgType 'Alert' as shown below.)

API Connector



To configure API connector, you will need below information:

Security platform: **centegix** ▾

Webhook URL: <https://secure.newline-interactive-global.com/api/apiHub/v1/cap/message/>

Username:

Password:

Alert ▾

Body:

```
<al</status> <msgType>Alert</msgType> <scope>Public</scope> <info> <category>Safety</category> <event>Centegix Alert</event> <urgency>Immediate</urgency> <severity>Severe</severity> <certainty>Observed</certainty> <headline><![CDATA[{alerttype_name}]]></headline> <description><![CDATA[{alerttype_intercom_tts_message}]]></description> </info> </a
```

Instructions :

You can quickly access the third-party platform via the link below.

singlewire: <https://admin.icmobile.singlewire.com>

Centegix: <https://web.centegix.com>

Users

Badge Health

Visitor Badge Health

Alert Types

Responder Types

IP Integrations

External IP Settings

Internal IP Settings

Badge Training

Alerts Report

Users Report

Responders Report

What endpoint should be called?

<https://secure.newline-interactive-global.com/api/apiHub/v1/cap/message/>

Authentication Scheme

Basic Auth

+ ADD CUSTOM HEADER

What type of action should be taken?

External POST Request (Web Request)

What type of object should be posted?

XML

What object should be used for POST?

<?xml version="1.0" encoding="UTF-8"?><alert xmlns="urn:oasis:names:tc:emergency:cap:1.2"> <identifier><![CDATA[{alert_id}]]></identifier> <sender>Centegix</sender> <sent><![CDATA[{alert_created_at}]]></sent> <status>Actual</status> <msgType>Alert</msgType> <scope>Public</scope> <info> <category>Safety</category> <event>Centegix Alert</event> <urgency>Immediate</urgency> <severity>Severe</severity> <certainty>Observed</certainty> <headline><![CDATA[{alerttype_name}]]></headline> <description><![CDATA[{alerttype_intercom_tts_message}]]></description> </info></alert>

UPDATE ALERT RULE

PREVIEW CONTENT

- Finally, double check that you have entered everything correctly, then select 'Create Integration'

Centegix
UNIVERSITY SECOND HATFIELD

New IP Integration BACK TO INTEGRATIONS

What alert event should trigger this rule?
- Select Event -

What type of alert should this rule apply to?
- Select Alert Type -

What endpoint should be called?
http://192.168.1.1/test

Authentication Scheme
None

What type of action should be taken?
- Select Action -

CREATE INTEGRATION

- Now that we have created an IP Integration for the 'Alert', we will have to repeat the same steps for the 'Clear'.

Generate CAP 'Clear' Information from Newline Secure

In order to create the 'Clear' we will be using the exact same steps that we used for the 'Alert' with a couple of changes in the process.

- Click the 'CAP' button in the device group list to generate CAP integration information

newline

Dashboard
Device
Alert Settings
Alert Log

Group: Newline HS Add Groups Search

Device Name	Group	Account	Mac Address	Se	Operation
No Data					

Groups

- All (32)
- Ungrouped (11)
- Newline HS (0)** CAP
- abc1 (1) CAP
- Pierre HS (20) CAP
- Newline HQ (0) CAP
- Newline Warehou... (0) CAP

- Now you should see a window appear that contains the API endpoint information for your Newline Secure group. Keep this window open as we will need to copy this information over to the Centegix CrisisAlert console.

API Connector
X

To configure API connector, you will need below information:

Security platform:
centegix

Webhook URL:
https://secure.newline-interactive-global.com/api/apiHub/v1/cap/message/

Username:

Password:

Clear

Body:
<?xml version="1.0" encoding="UTF-8"?> <alert xmlns="urn:oasis:names:tc:emergency:cap:1.2"> <identifier><![CDATA{alert_id}]]></identifier> <sender>Centegix</sender> <sent><![CDATA{alert_created_at}]]></sent> <status>Actual</status> <msgType>Clear</msgType> <scope>Public</scope> <info> <category>Safety</category> <event>Centegix Clear</event> <urgency>Immediate</urgency> <severity>Sever

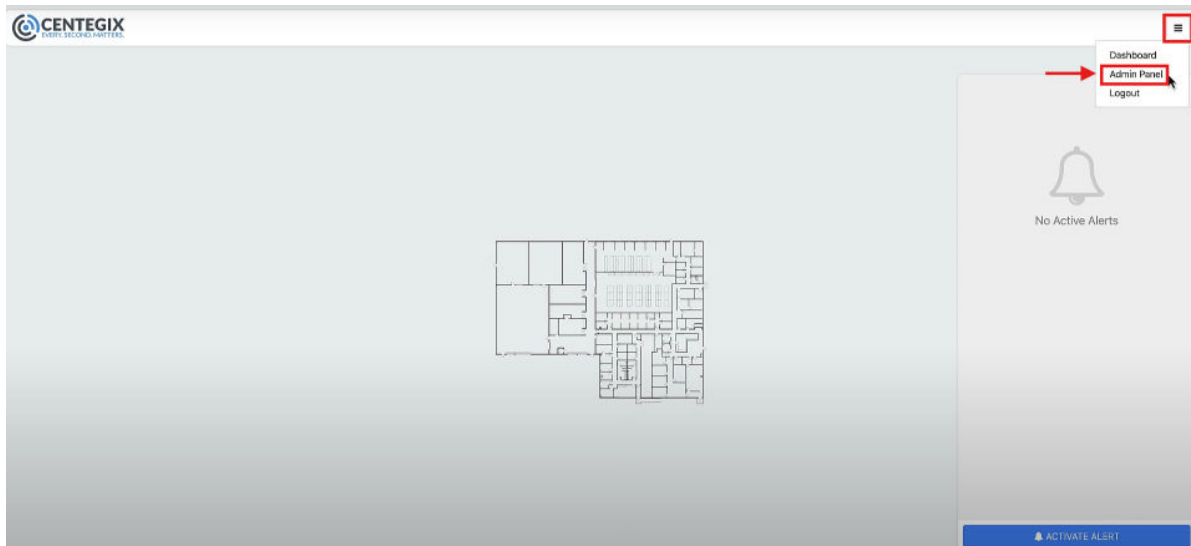
Instructions :

You can quickly access the third-party platform via the link below.

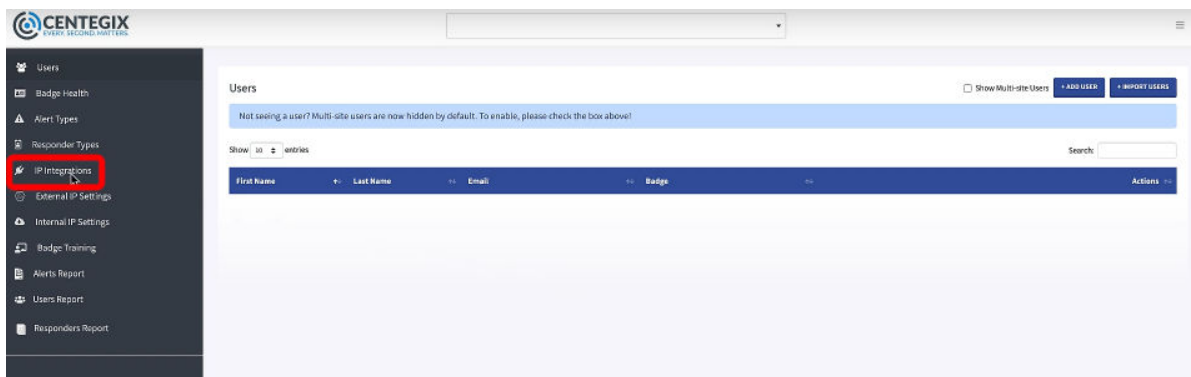
singlewire: <https://admin.icmobile.singlewire.com>

Centegix: <https://web.centegix.com>

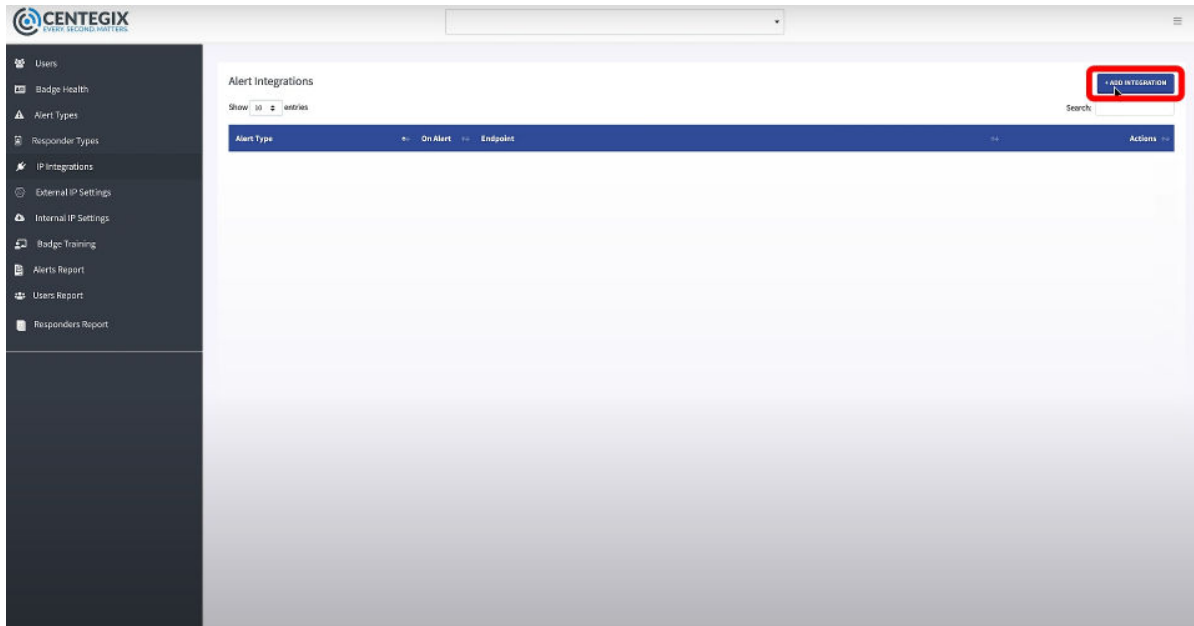
- Ensure that **'Security Platform'** is set to **Centegix**
- Ensure that **'Body'** is set to **Clear**
- In the Centegix CrisisAlert dashboard, click the 'Menu' icon on the top right
- Then select 'Admin Panel'



- Once in the 'Admin Panel', navigate to and click on the 'IP Integrations' option on the left side.



- Next on the 'Alert Integrations' page, select '+ Add Integration' in the top right



- This is the 'New IP Integration' screen where we will enter the Newline Secure API Connectors information from earlier.

- Click on the 'Select Event' dropdown, in this step we will be creating a 'Clear', so select 'On Alert Close'

Centegix
EMERGENCY RESPONSE MANAGEMENT

Users
Badge Health
Alert Types
Responder Types
IP Integrations
External IP Settings
Internal IP Settings
Badge Training
Alerts Report
Users Report
Responders Report

New IP Integration BACK TO INTEGRATIONS

What alert event should trigger this rule?

✓ - Select Event -
On Alert Open
On Alert Update
On Alert Close

What endpoint should be called?
https://192.168.1.1/text

Authentication Scheme
None

What type of action should be taken?
- Select Action -

CREATE INTEGRATION

- Next, we will select the type of alert to apply, here you will select an alert type that you have created.

Centegix
EMERGENCY RESPONSE MANAGEMENT

Users
Badge Health
Alert Types
Responder Types
IP Integrations
External IP Settings
Internal IP Settings
Badge Training
Alerts Report
Users Report
Responders Report

New IP Integration BACK TO INTEGRATIONS

What alert event should trigger this rule?

- Select Event -

What type of alert should this rule apply to?

✓ - Select Alert Type -
Staff Alert
LOCKDOWN! Locks, lights, out of sight
EVACUATE!
SECURE! Get Inside. Lock outside doors.
HOLD! In your room or area. Clear the halls.
SHELTER! Hazard and safety strategy.
DRILL LOCKDOWN! Locks, Lights, Out of Sight
Test

- Select Action -

CREATE INTEGRATION

- Next is the 'endpoint', for this field we will copy the 'Webhook URL' from the Newline Secure portal

- And paste it into this field

- Now we will choose the 'Authentication Scheme', please select 'Basic Auth' from the dropdown

CENTEGIX
WHERE SECOND MATTERS

Users
Badge Health
Alert Types
Responder Types
IP Integrations
External IP Settings
Internal IP Settings
Badge Training
Alerts Report
Users Report
Responders Report

New IP Integration BACK TO INTEGRATIONS

What alert event should trigger this rule?
--Select Event--

What type of alert should this rule apply to?
--Select Alert Type--

What endpoint should be called?
http://192.168.3.10:8080

Authentication Scheme

- ☒ None
- ☐ Basic Auth
- ☐ Bearer Token

CREATE INTEGRATION

- For 'Basic Auth', copy the username and password from the Newline Secure portal and paste them in the appropriate fields in the Centegix CrisisAlert console.

API Connector ×

To configure API connector, you will need below information:

Security platform: centegix ▼

Webhook URL: <https://secure.newline-interactive-global.com/api/apiHub/v1/cap/message/...> 📋

Username: 📋

Password: 📋

Clear ▼

Body:

```
<?xml version="1.0" encoding="UTF-8"?> <alert xmlns="urn:oasis:names:tc:emergency:cap:1.2"> <identifier><![CDATA{alert_id}]]></identifier> <sender>Centegix</sender> <sent><![CDATA{alert_created_at}]]></sent> <status>Actual</status> <msgType>Clear</msgType> <scope>Public</scope> <info> <category>Safety</category> <event>Centegix Clear</event> <urgency>Immediate</urgency> <severity>Sever
```

📋

Instructions :
You can quickly access the third-party platform via the link below.

singlewire: <https://admin.icmobile.singlewire.com>
Centegix: <https://web.centegix.com>

Edit Custom IP Integration BACK

What alert event should trigger this rule?
On Alert Close

What type of alert should this rule apply to?
Centegix Newline Test

What endpoint should be called?
https://secure.newline-interactive-global.com/api/apihub/v1/cap/messages

Authentication Scheme
Basic Auth CANCEL EDIT

Username Password

+ ADD CUSTOM HEADER

What type of action should be taken?
External POST Request (Web Request)

- Next, we will choose the action type, select 'External POST Request' from the dropdown

NEW IP INTEGRATION BACK TO INTEGRATIONS

What alert event should trigger this rule?
- Select Event -

What type of alert should this rule apply to?
- Select Alert Type -

What endpoint should be called?
https://123.123.1.1/1234

Authentication Scheme
None

What type of action should be taken?
 - Select Action -
 Internal GET Request
 Internal POST Request
 External GET Request (Web Request)
 External POST Request (Web Request)

- After that, please select 'XML' as the object type and paste the Clear 'Body' from the Newline Secure Console into the appropriate field in the Centegix console.
(Make sure that the XML body correctly shows the msgType 'Clear' as shown below.)

API Connector



To configure API connector, you will need below information:

Security platform: **centegix** ✓

Webhook URL: <https://secure.newline-interactive-global.com/api/apiHub/v1/cap/message/>

Username:

Password:

Clear ▾

Body:

```
<?xml version="1.0" encoding="UTF-8"?> <alert xmlns="urn:oasis:names:tc:emergency:cap:1.2"> <identifier><![CDATA[alert_id]]></identifier> <sender>Centegix</sender> <sent><![CDATA[alert_created_at]]></sent> <status>Actual</status> <msgType>Clear</msgType> <scope>Public</scope> <info> <category>Safety</category> <event>Centegix Clear</event> <urgency>Immediate</urgency> <severity>Sever
```

Instructions :

You can quickly access the third-party platform via the link below.

singlewire: <https://admin.icmobile.singlewire.com>

Centegix: <https://web.centegix.com>

Users

Badge Health

Visitor Badge Health

Alert Types

Responder Types

IP Integrations

External IP Settings

Internal IP Settings

Badge Training

Alerts Report

Users Report

Responders Report

What endpoint should be called?

<https://secure.newline-interactive-global.com/api/apiHub/v1/cap/message/>

Authentication Scheme

Basic Auth

EDIT AUTH

+ ADD CUSTOM HEADER

What type of action should be taken?

External POST Request (Web Request)

What type of object should be posted?

XML

What object should be used for POST?

<?xml version="1.0" encoding="UTF-8"?><alert xmlns="urn:oasis:names:tc:emergency:cap:1.2"> <identifier><![CDATA[alert_id]]></identifier> <sender>Centegix</sender> <sent><![CDATA[alert_created_at]]></sent> <status>Actual</status> <msgType>Clear</msgType> <scope>Public</scope> <info> <category>Safety</category> <event>Centegix Clear</event> <urgency>Immediate</urgency> <severity>Severe</severity> <certainty>Observed</certainty> <headline><![CDATA[alerttype_name]]></headline> <description><![CDATA[alerttype_intercom_tts_message]]></description> </info></alert>

UPDATE ALERT RULE

PREVIEW CONTENT

- Finally, double check that you have entered everything correctly, then select 'Create Integration'

The screenshot shows the Centegix portal interface. On the left is a dark sidebar with navigation links: Users, Badge Health, Alert Types, Responder Types, IP Integrations, External IP Settings, Internal IP Settings, Badge Training, Alerts Report, Users Report, and Responders Report. The main content area is titled 'New IP Integration' and contains a form with the following fields: 'What alert event should trigger this rule?' (dropdown), 'What type of alert should this rule apply to?' (dropdown), 'What endpoint should be called?' (text input with 'http://192.168.1.1/test'), 'Authentication Scheme' (dropdown with 'None' selected), and 'What type of action should be taken?' (dropdown). A 'BACK TO INTEGRATIONS' button is in the top right of the form. A red rectangular box highlights the 'CREATE INTEGRATION' button at the bottom left of the form.

Congratulations!

You have now created new IP Integrations that will trigger an alert, and clear out of existing alerts for a Newline Secure group of devices.

If you have any questions/issues with the Newline Secure Portal, please reach out to Newline Technical Support and we'd be glad to help you out!

- Submit a ticket [here!](#)
- Give us a call at +1 (833)-469-9520

If you have questions or need assistance with the Centegix Portal, please contact Centegix Support by sending an email:

- support@centegix.com