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FlashCast/Singlewire InformaCast Integration Guide v1.2.6

https://flashcast.mimomonitors.com/

https://www.mimomonitors.com/products/mimo-flashcast

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Creating your account

This guide assumes the user already has a Mimo FlashCast account, and has units setup. This document is only the integration guide for use with Singewire InformaCast.
The complete User Guide can be downloaded here:
https://www.mimomonitors.com/products/mimo-flashcast

Singlewire InformaCast Integration (Phase 1 Implementation)

Feature Overview

This feature is part of a third-party integration aimed at enhancing communication capabilities for users with a Singlewire InformaCast subscription. The integration will enable end users to send alerts from Singlewire InformaCast to various groups in FlashCast using customizable alert templates available in FlashCast.

There is no way to reject an alert if it comes in from Singlewire. The system will react automatically as programmed per this integration. There is no concept, at this time, of an alert for review with Singlewire events.

Objective

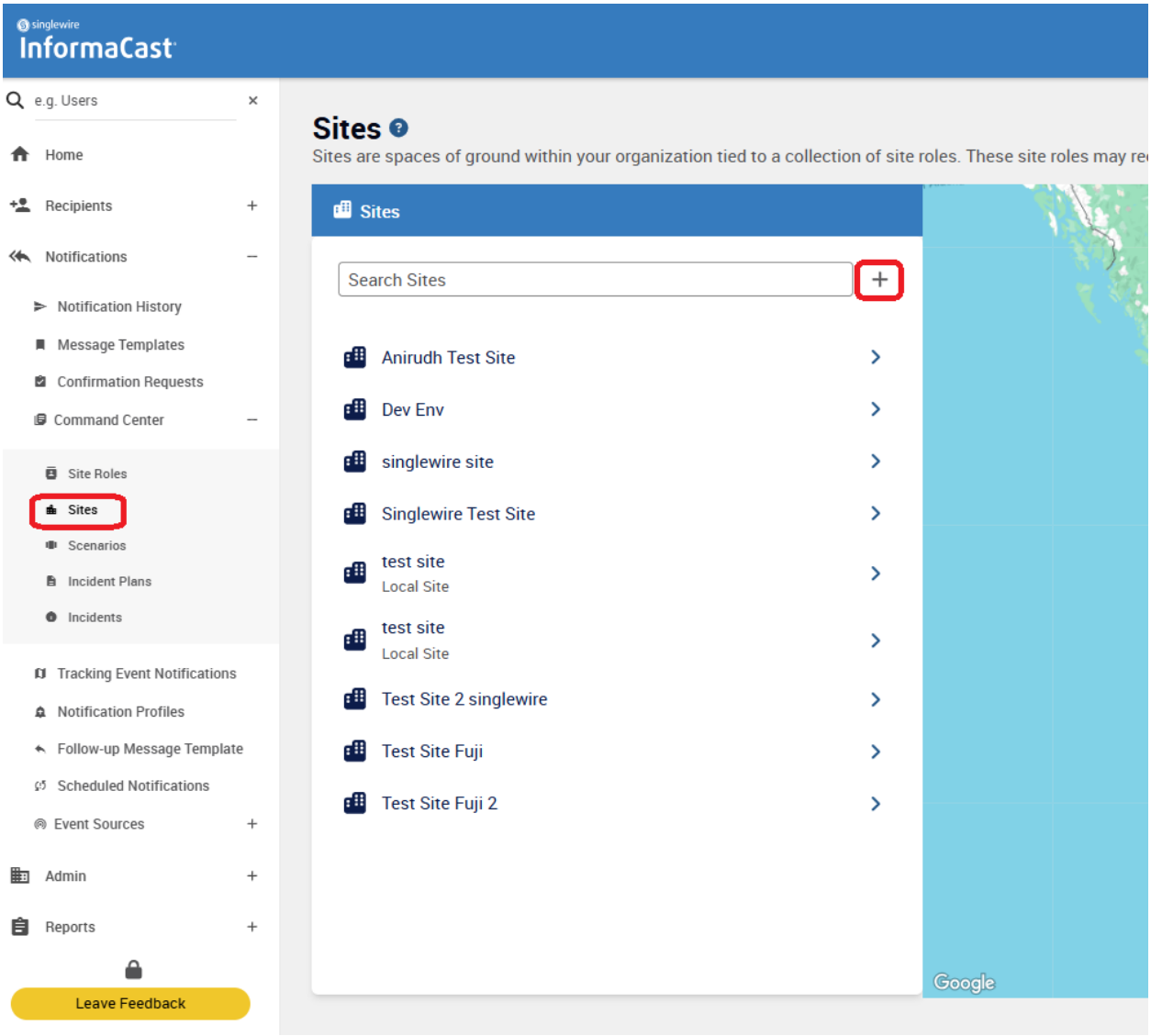
To facilitate seamless communication between Singlewire InformaCast and FlashCast, allowing users to efficiently send alerts to designated groups.

Functional Requirements

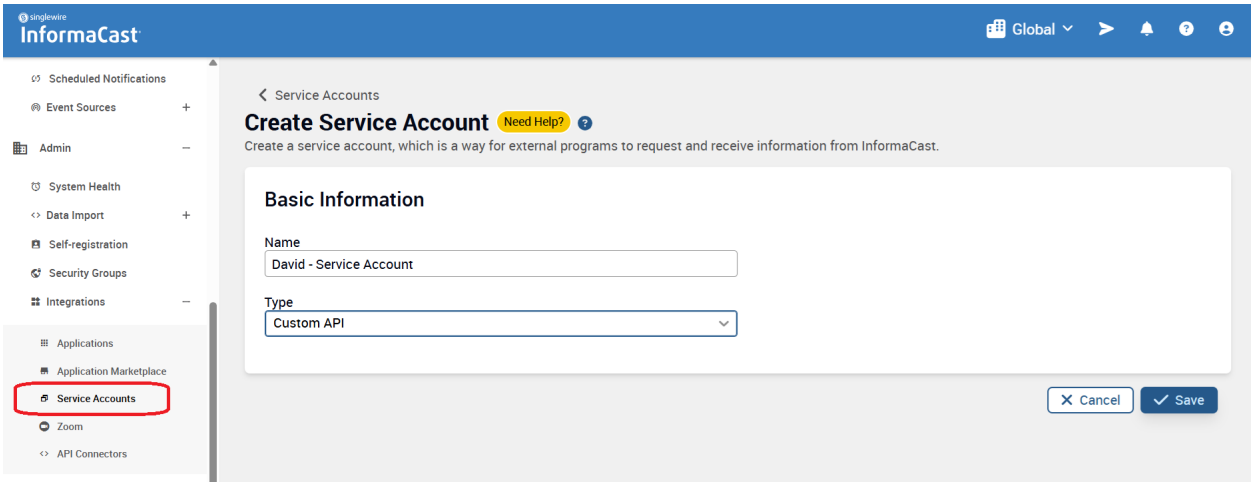
Please find the user flow for phase 1 below:

Step 1 : Generation of API Token

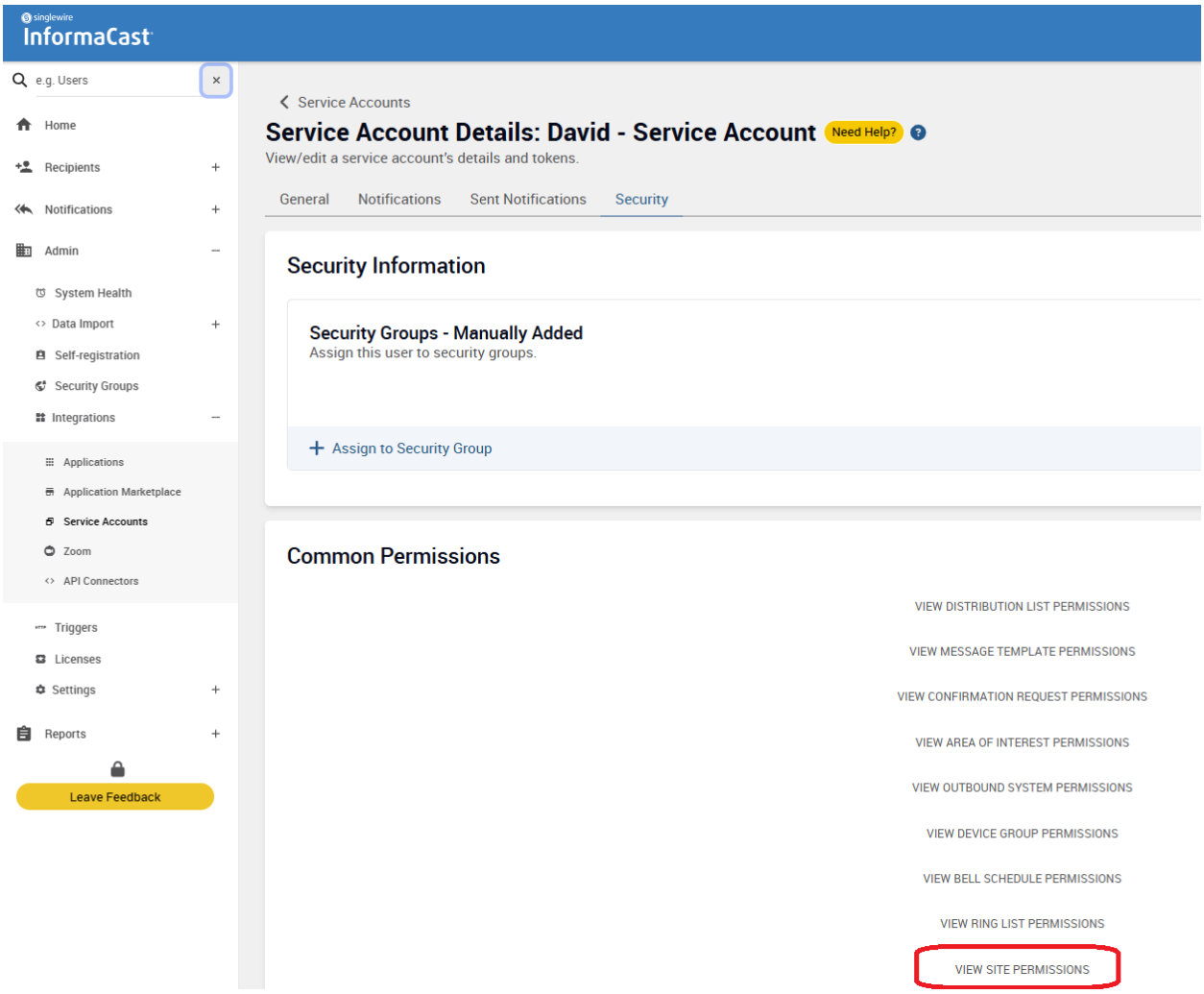
- First, login to Singlewire InformaCast
- Only if required, create a Site under command center by clicking the '+'. A Singlewire Site maps to a FlashCast Group.



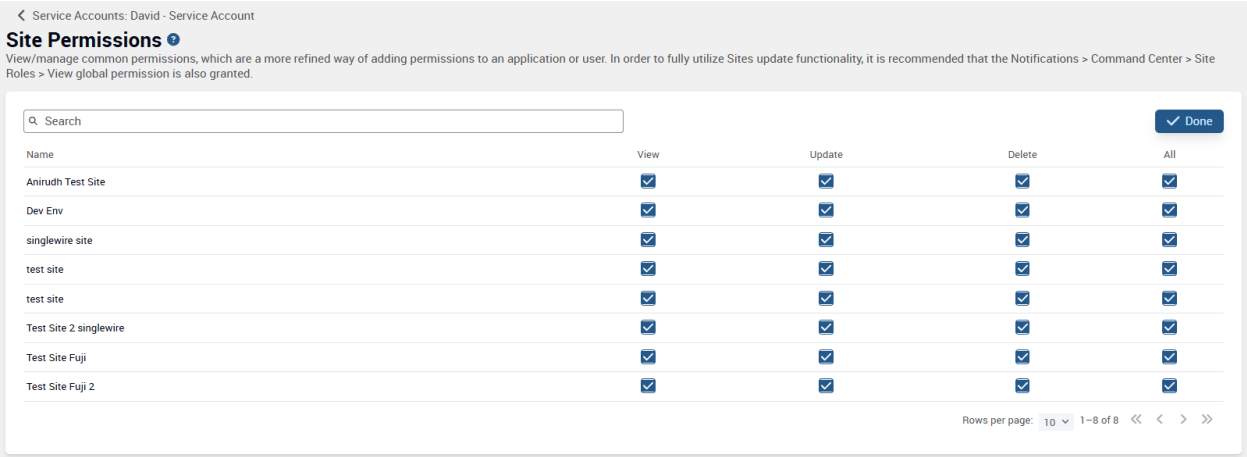
- Next, create a new Service Account. Give it a name, select Custom API, and click ‘Save’



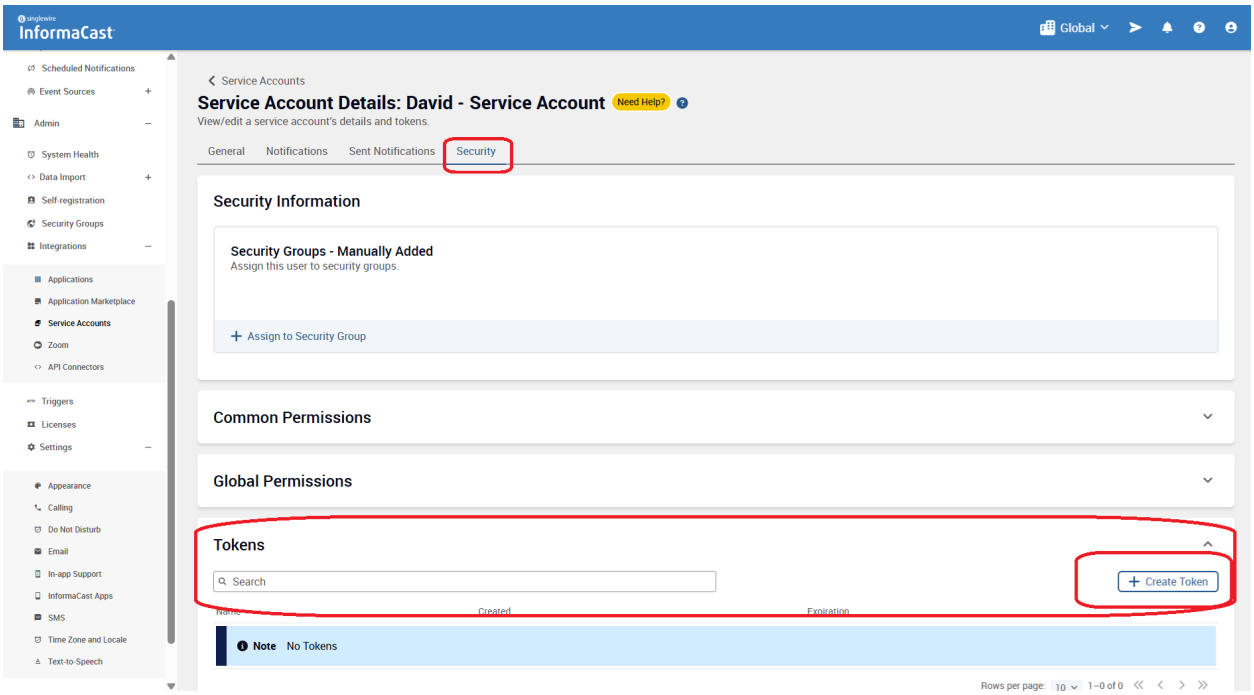
- Under Security, open ‘Common Permissions’ and select ‘View Site Permissions’



- Select all the sites you want to be able to control with FlashCast

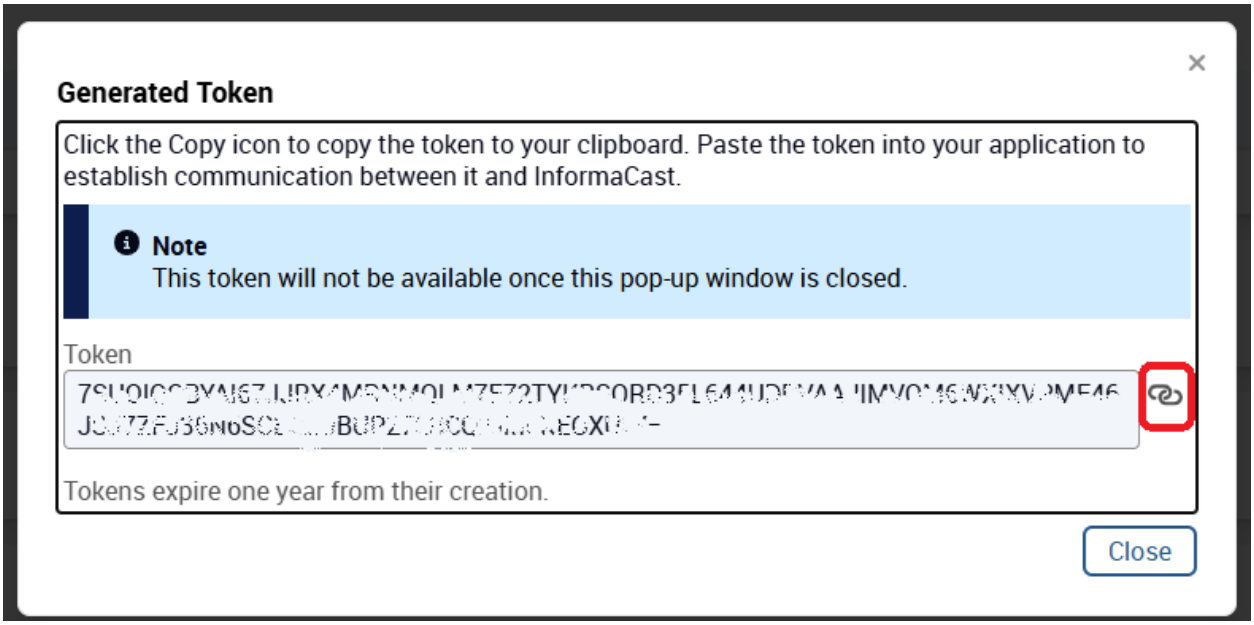


- Open the 'Tokens' tab (also Under Security), and click, create Token

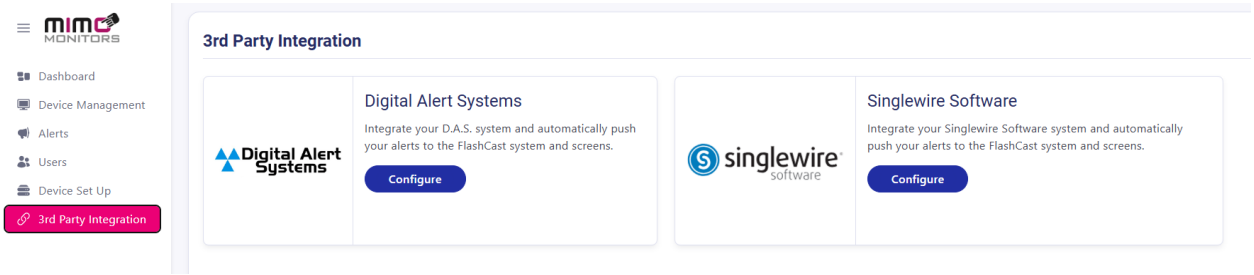


- Give the connector a name, and click Save

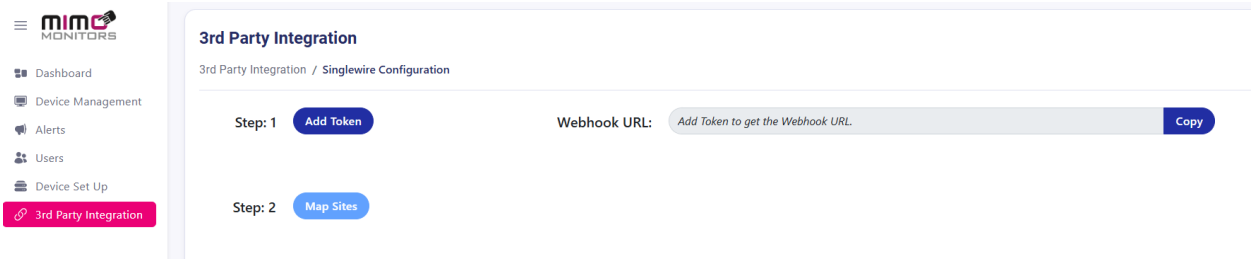
- Copy the token created



- Login to the FlashCast User Interface and select 3rd Party Integrations -> Singlewire Software

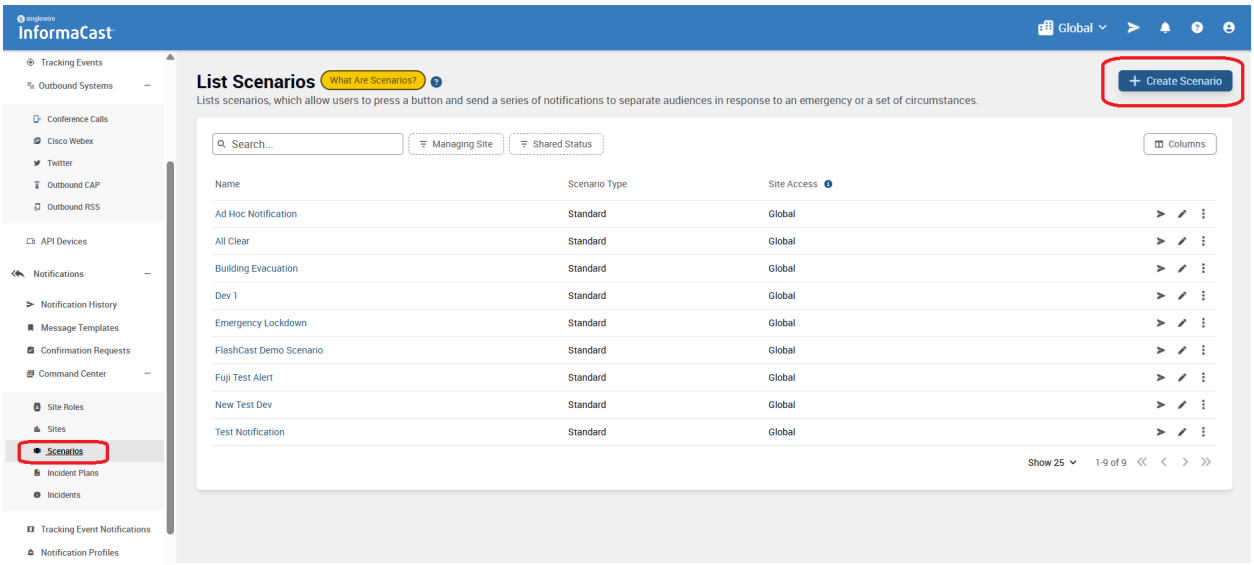


- Click ‘Add Token’ and paste in the token copied from the Singlewire Portal

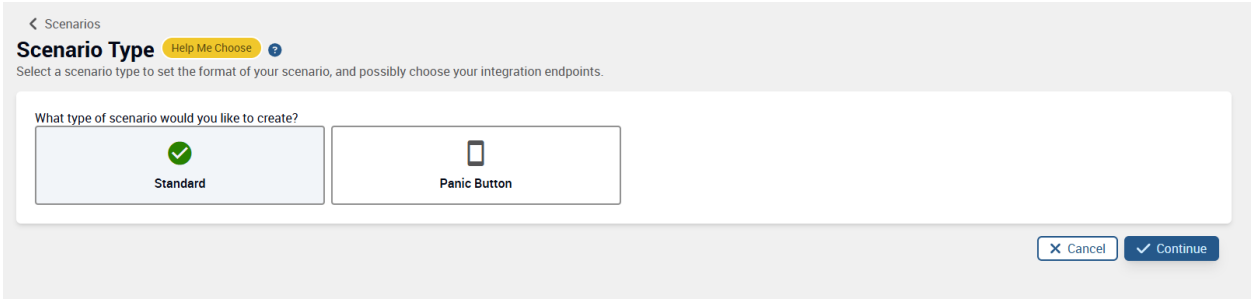


Be sure you receive the message that the token was validated successfully, and that the Webhook URL was populated

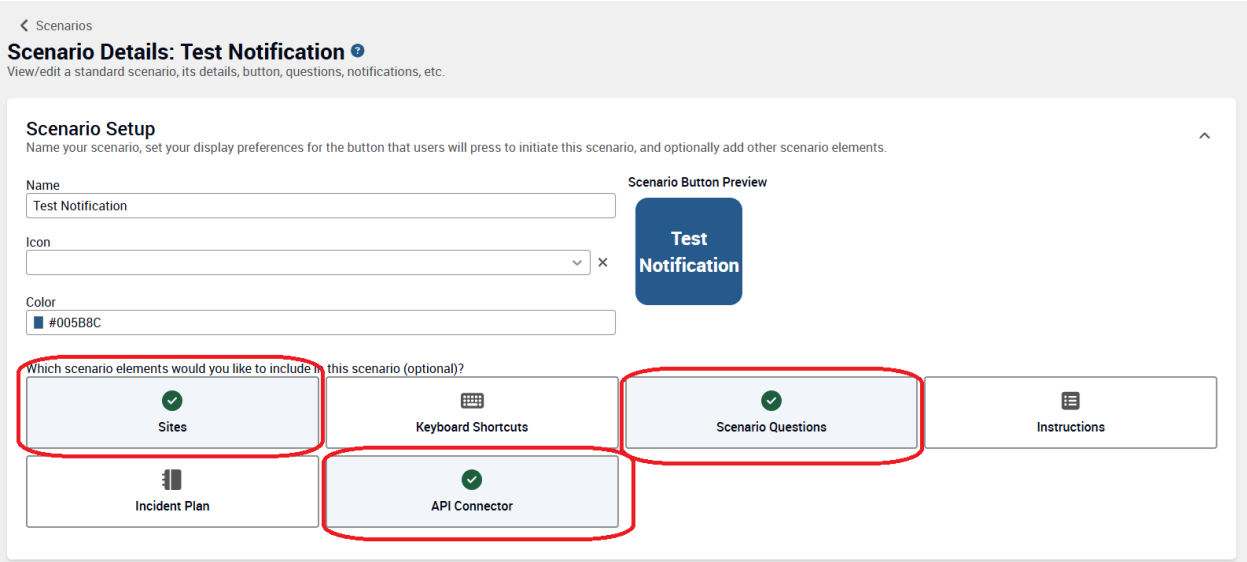
- Go back to the Singlewire InformaCast portal and select ‘Scenarios’ under ‘Command Center’ under ‘Notifications’. Then select ‘Create Scenario’



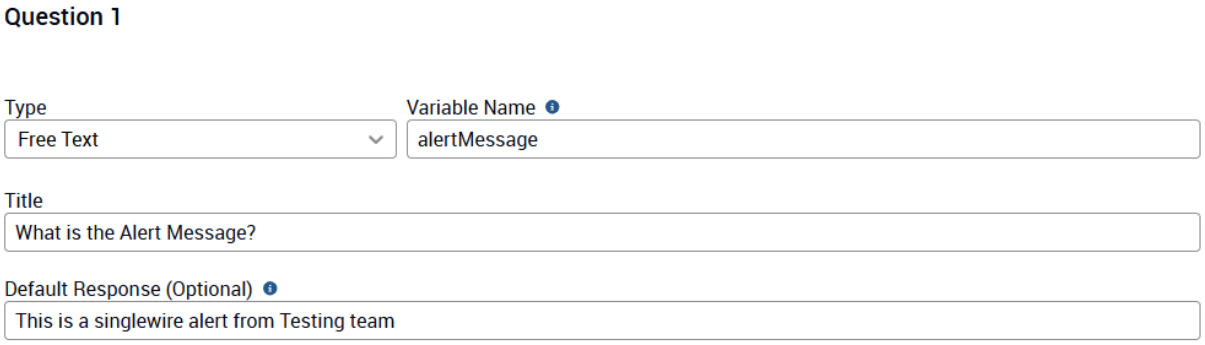
- Select Standard and Continue



- Give it an appropriate name, color, icon, etc to your requirements. Select Sites, Scenario Questions, and API Connector

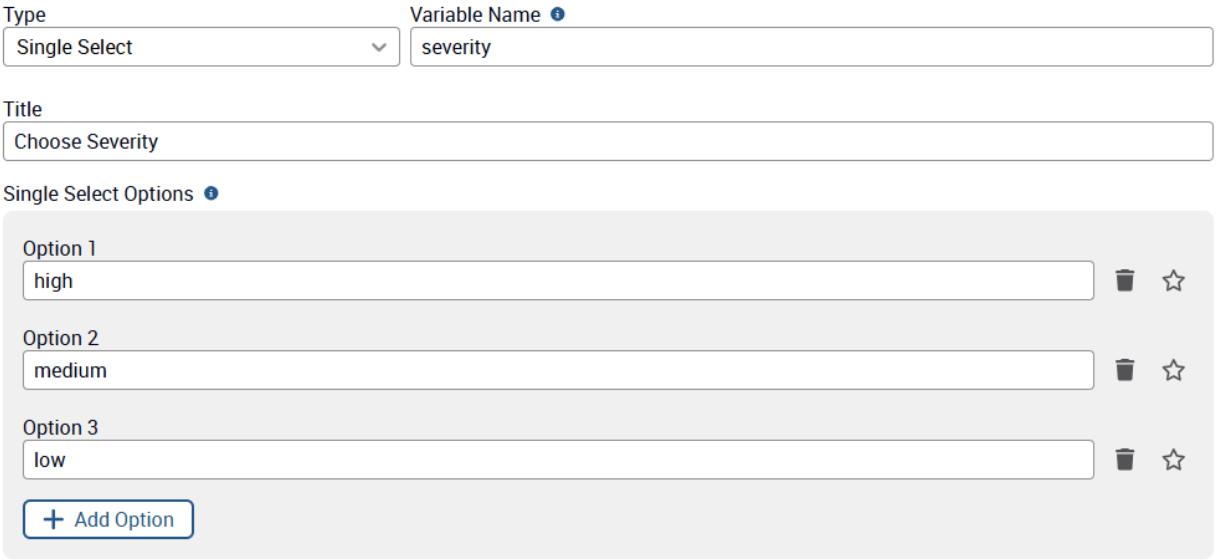


- Under Sites, use the text “Which location do you want to send Alert to?”, or whatever is appropriate in your setup
- Under questions, you must use these exact questions and ONLY these questions exactly as shown below
    - Question 1
        - Type: Free Text
        - Variable Name: alertMessage
        - Title: What is the Alert Message?
        - Default Resounse: This is a singlewire alert from Testing team

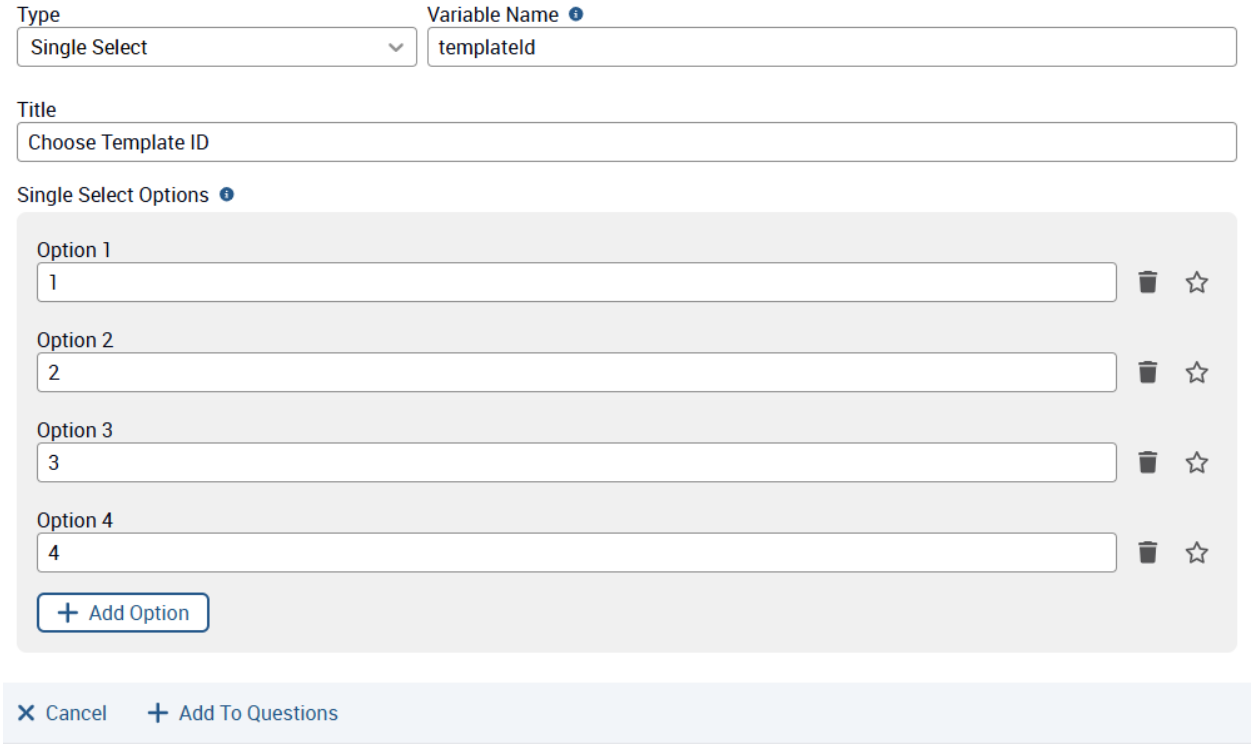


- Question 2
    - Type: Single Select
    - Variable Name: severity
    - Title: Choose Severity
    - Option 1: high
    - Option 2: medium
    - Option 3: low

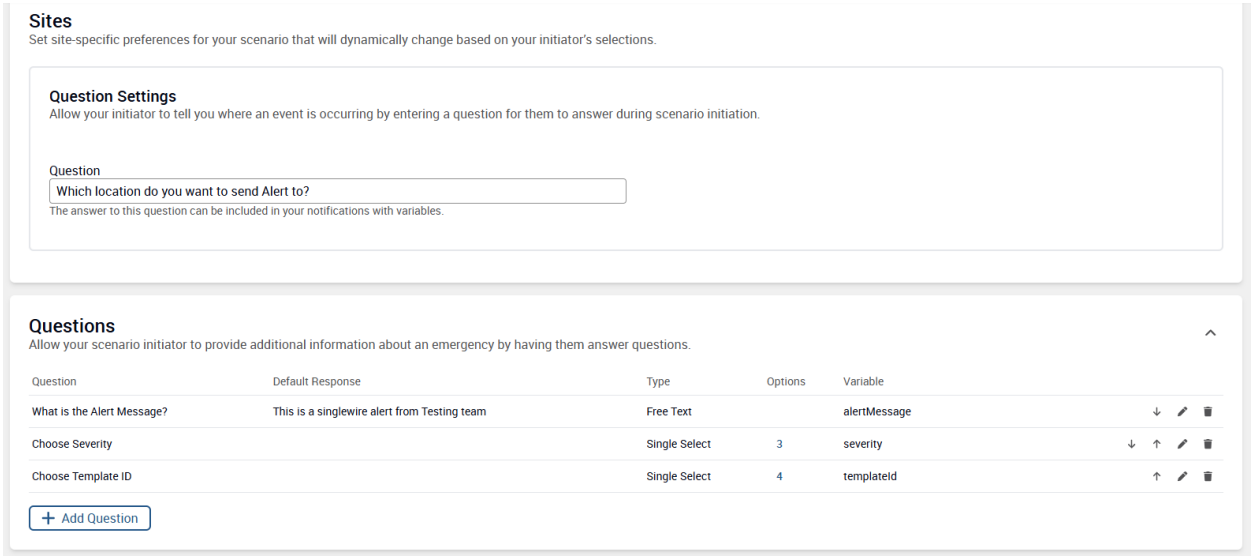
Question 2



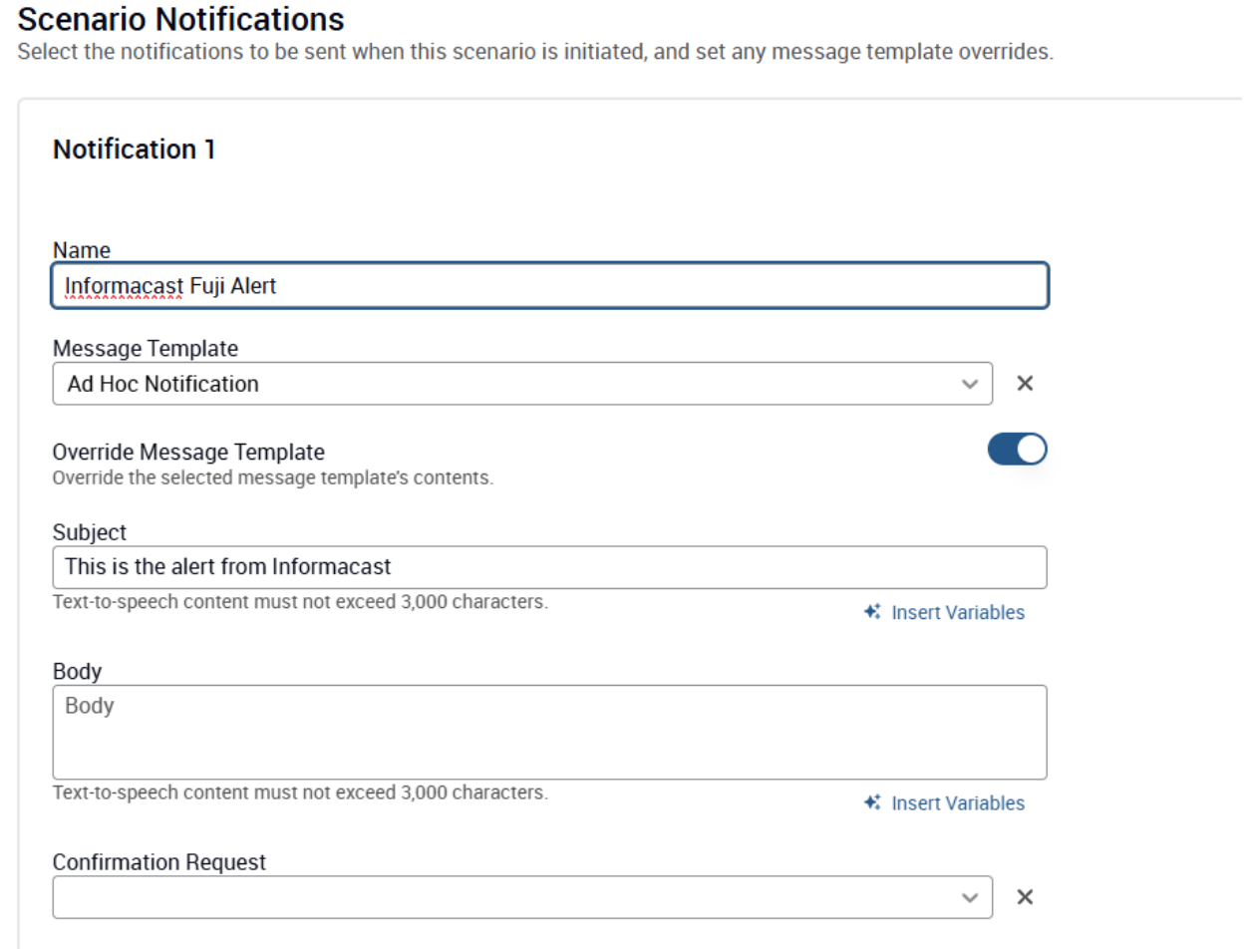
- Question 3
  - Type: Single Select
  - Variable Name: templateId
  - Title: Choose the Template
  - Option 1: 1
  - Option 2: 2
  - Option 3: 3
  - Option 4: 4



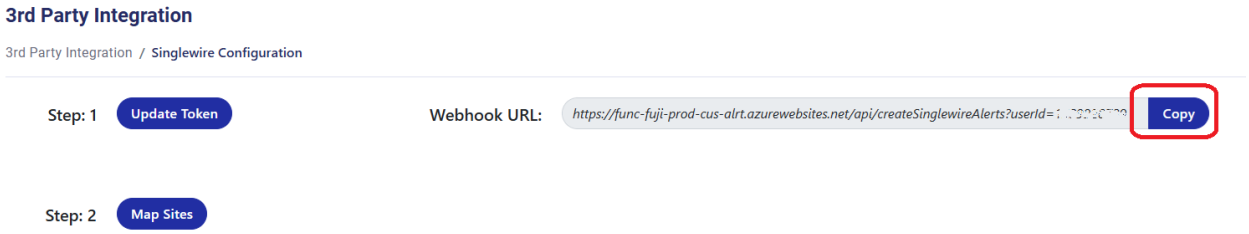
- So that the final questions look like this



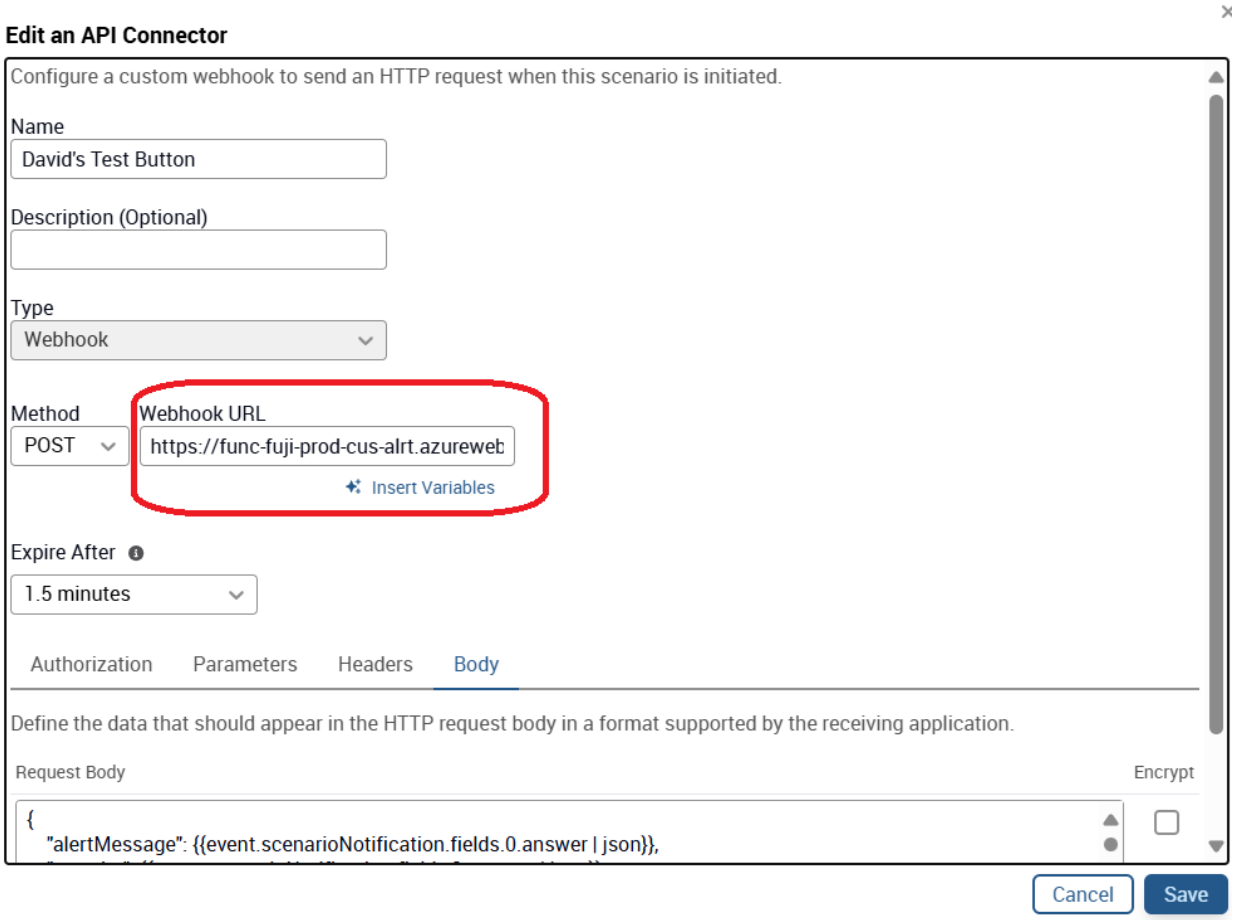
- Then edit Notification 1 with a name and 'ad hoc notification'



- Save and re-edit the notification, then go to API Connectors and click ‘add API connector’
- Copy the Webhook URL from the FlashCast portal

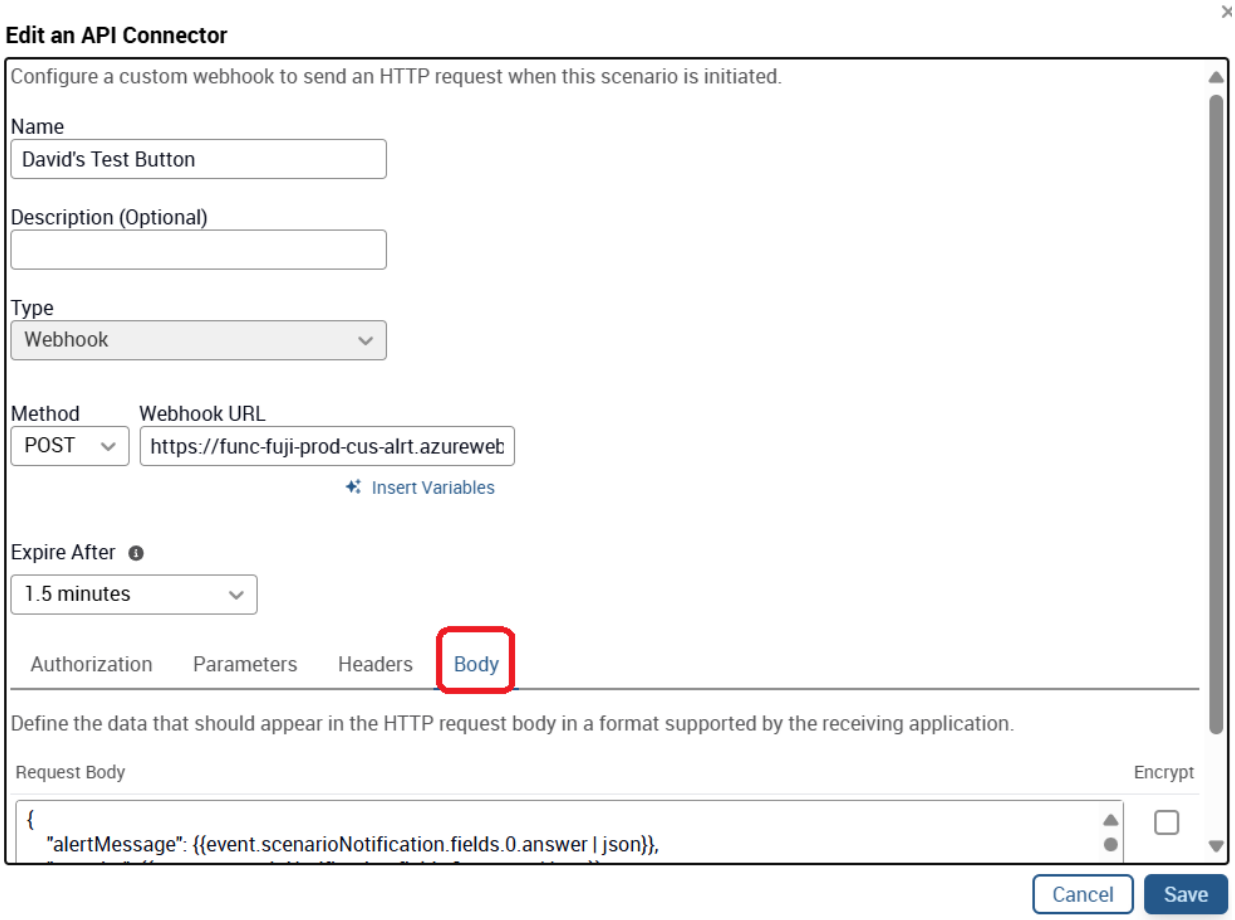


- Paste the Webhook URL into in the Singlewire URL



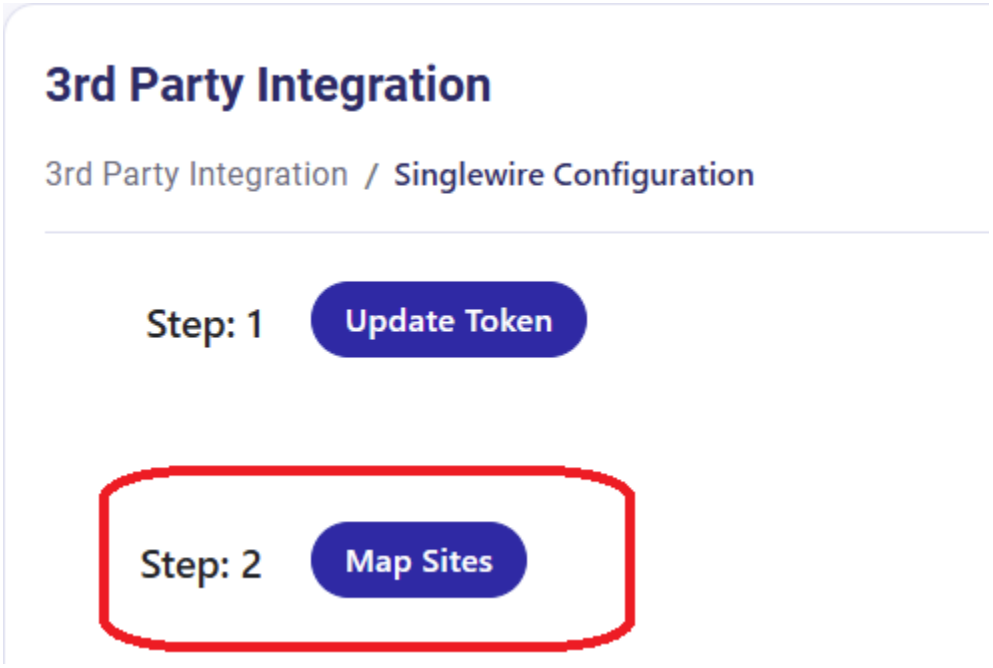
- Then select the 'Body' tab at the bottom and paste EXACTLY this into that field

```
{
   "alertMessage": {{event.scenarioNotification.fields.0.answer | json}},
   "severity": {{event.scenarioNotification.fields.1.answer | json}},
"templateId":{{event.scenarioNotification.fields.2.answer | json}},
"siteId":{{event.scenarioNotification.location.site.id | json}}
}
```

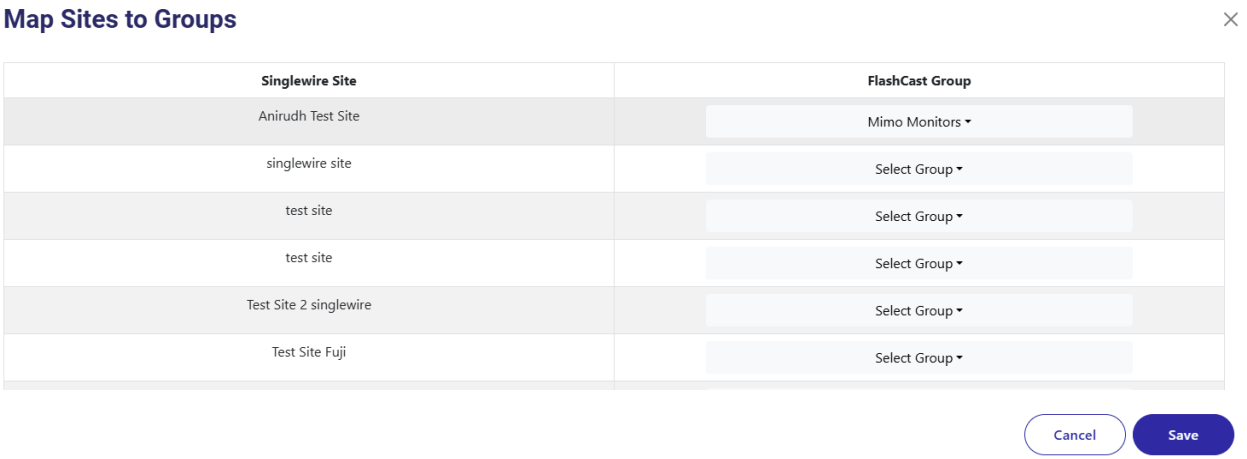


Step 2 : Map Singlewire InformaCast sites with each FlashCast Groups

- Users can map each site available on Singlewire InformaCast to one group in FlashCast. Click ‘Map Sites’

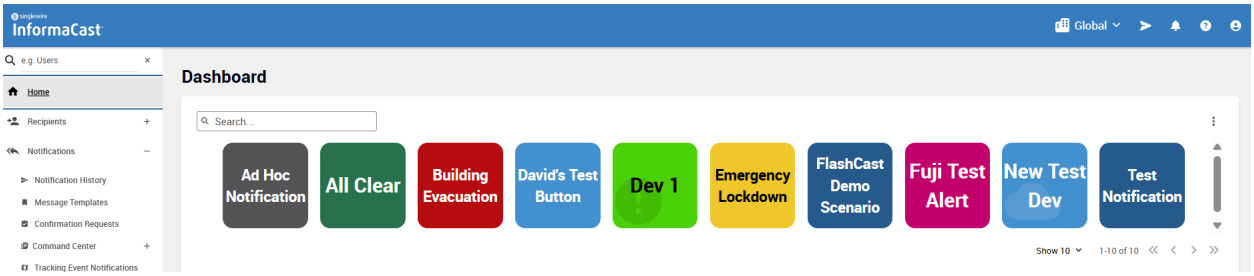


- The correlate the Singlewire site to the FlashCast group, and select save.



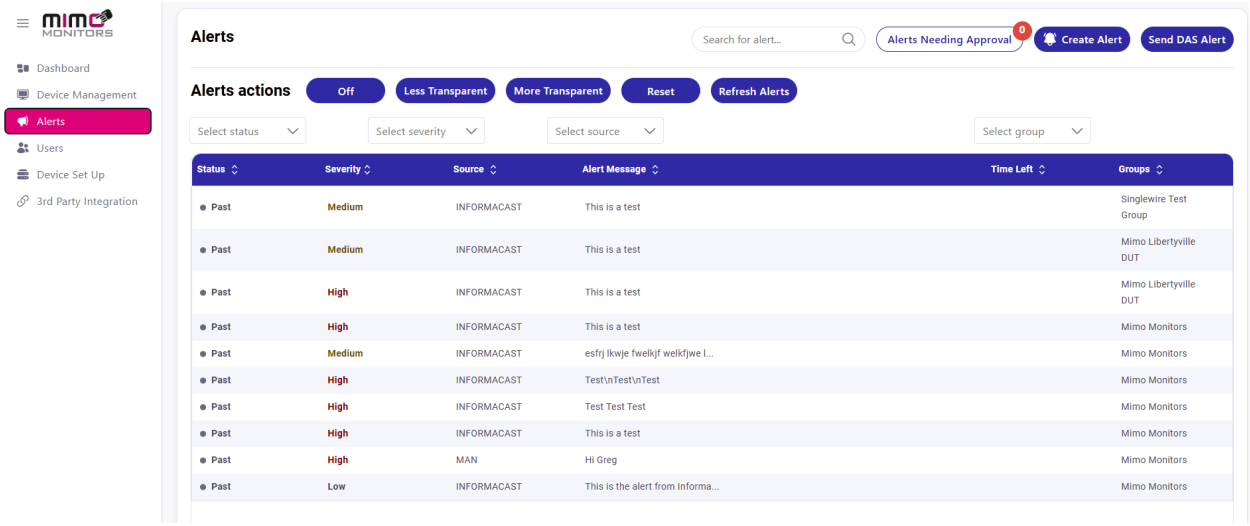
Step 3 : Create and send notification from Singlewire InformaCast using scenarios

- Users can now send notifications using scenario in Singlewire InformaCast, and those will be sent to FlashCast devices configured on the FlashCast portal.



Step 4 : View and end alerts

- Users will be able to view all Singlewire InformaCast alerts on the FlashCast Alerts Page and the Singlewire Notifications Page.



- Repeat steps as required to add FlashCast control into other scenarios, such as ‘All Clear’
  - It is possible to avoid the questions, and send a fixed template and text by editing the ‘body’ in the API Connector
  - For example: The ‘body’ in the ‘All Clear’ scenario should probably by this, as this body will tell the FlashCast system to turn off any alerts, without having to get any information from the Singlewire user, except the ‘Site’.

```
{
   "alertMessage": "off",
   "severity": "low" ,
"templateId": "5",
"siteId": {{event.scenarioNotification.location.site.id | json}}
}
```

- Another Example of the ‘body’ in a custom Scenario puts the text “There is a fire in the building Evacuate immediately But orderly” on the screen with the ‘full screen takeover’. Again, this requires no user input other than the standard Singlewire process and the Site to send the alert.

```
{
   "alertMessage": "There is a fire in the building
Evacuate Immediately
Buy orderly",
   "severity": "high" ,
"templateId": "1",
"siteId": {{event.scenarioNotification.location.site.id | json}}
}
```

Important Notes -

- Each user can configure their own Singlewire InformaCast settings in FlashCast, and these configurations are not shareable within the organization. This ensures that user-specific data remains private and accessible only to the respective user.
- When a user updates the token in FlashCast, the system will add or remove sites(in FlashCast) configured in Singlewire InformaCast. If any site was previously mapped in FlashCast and is still present in Singlewire InformaCast for that user, the data will not be lost during this token updation.

Non Functional Requirements

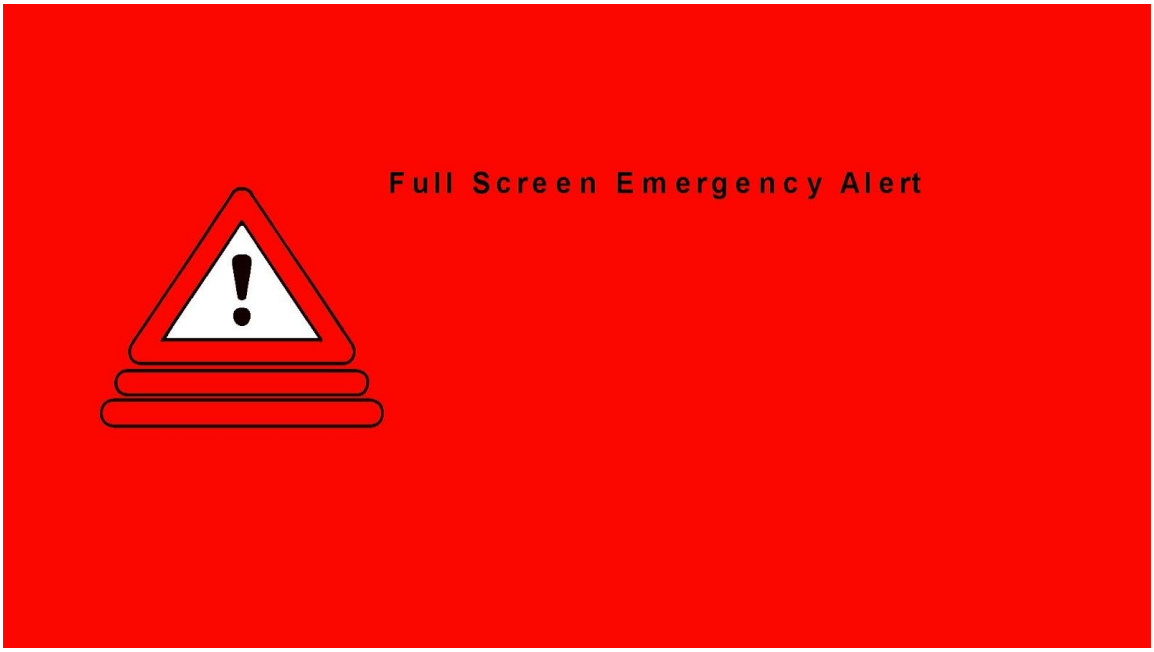
- The user should have a Singlewire InformaCast Account.
- The user should be added in the FlashCast application and should have an admin role.

Limitations

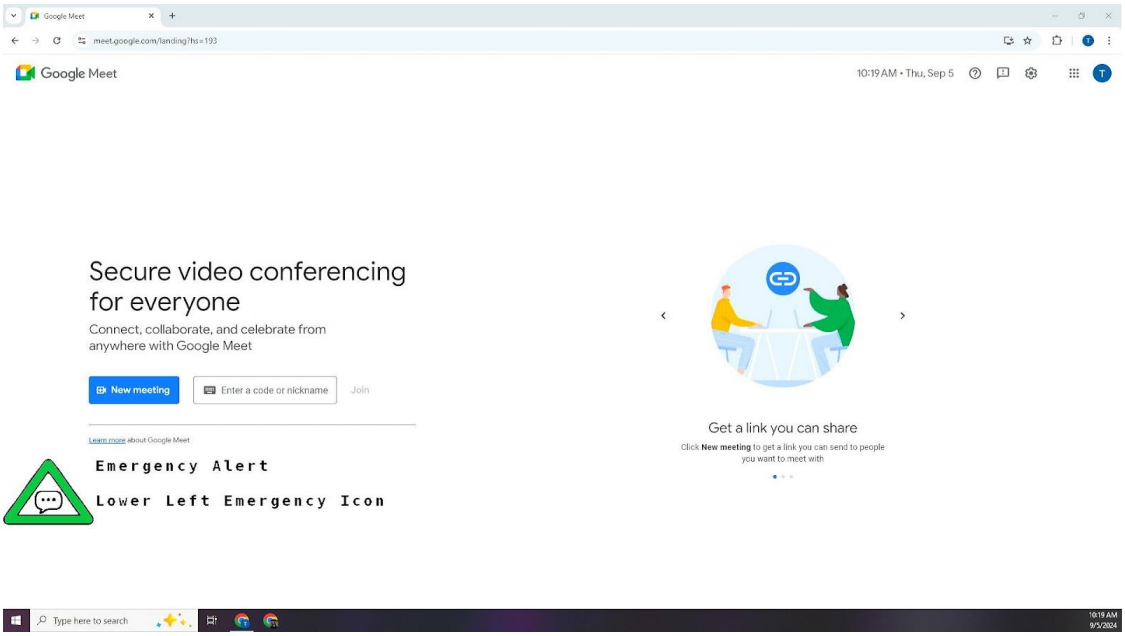
- The user can map one FlashCast Group to only one Site.
- Multi-line text is not supported unless the text is manually edited as part of a fixed ‘body’
- The token will expire in one year, the user needs to update it after every year.
- From the Singlewire InformaCast portal, whenever a user sends an alert, they can select only one site at a time. (This is a limitation from Singlewire InformaCast portal)
- The ‘template’ is a number, not a descriptive name. See Template Samples and corresponding numbers section for the description

Template Samples and corresponding numbers

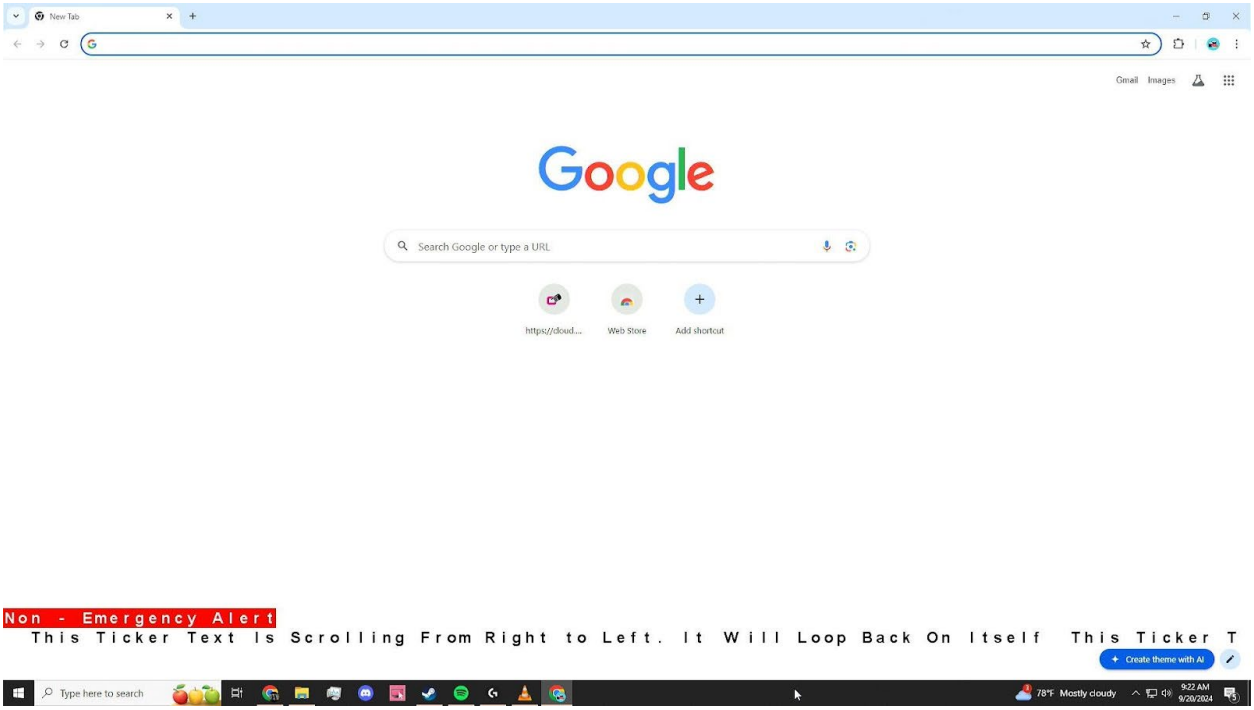
1. Full Page



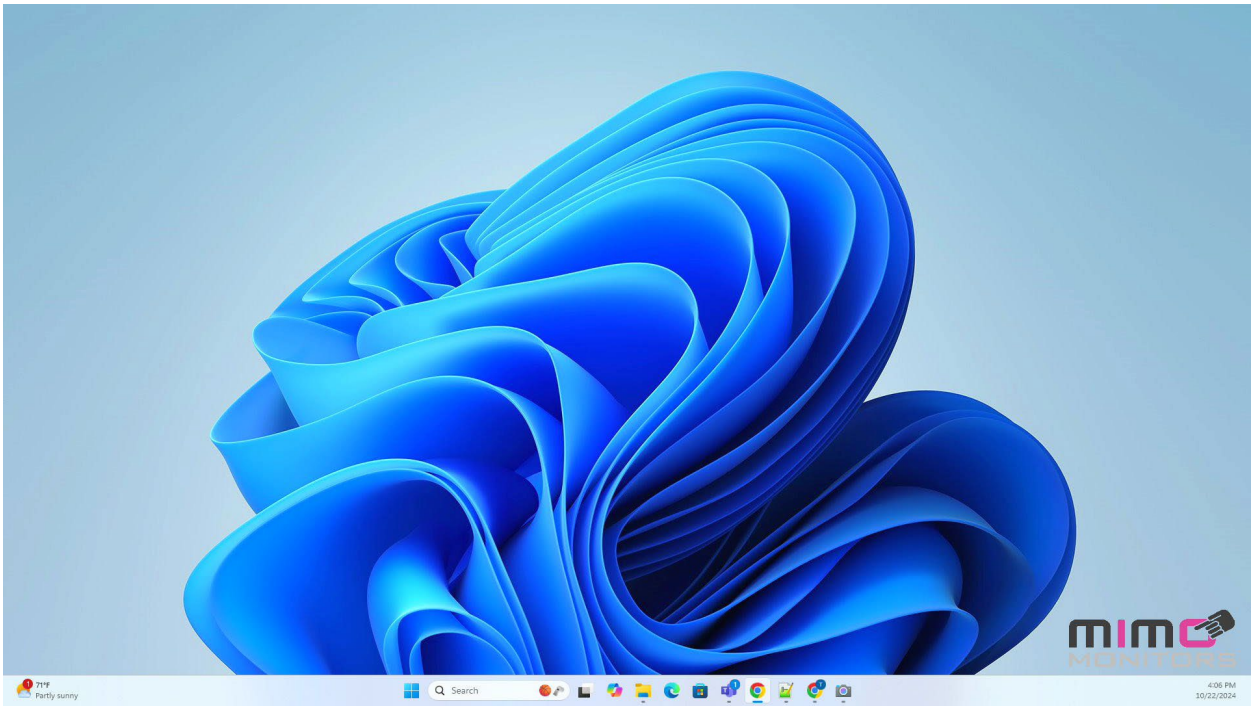
2. Lower Left icon with Text



3. Ticker



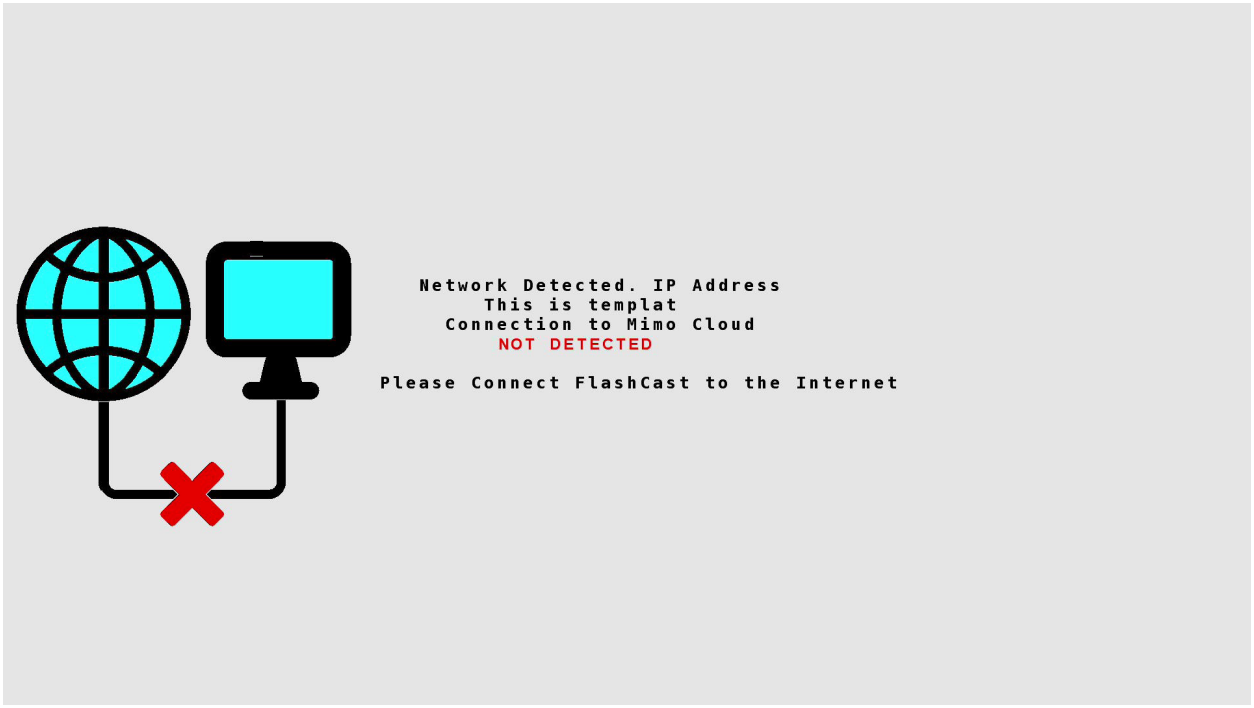
4. Mimo (or other) lower right icon. No text



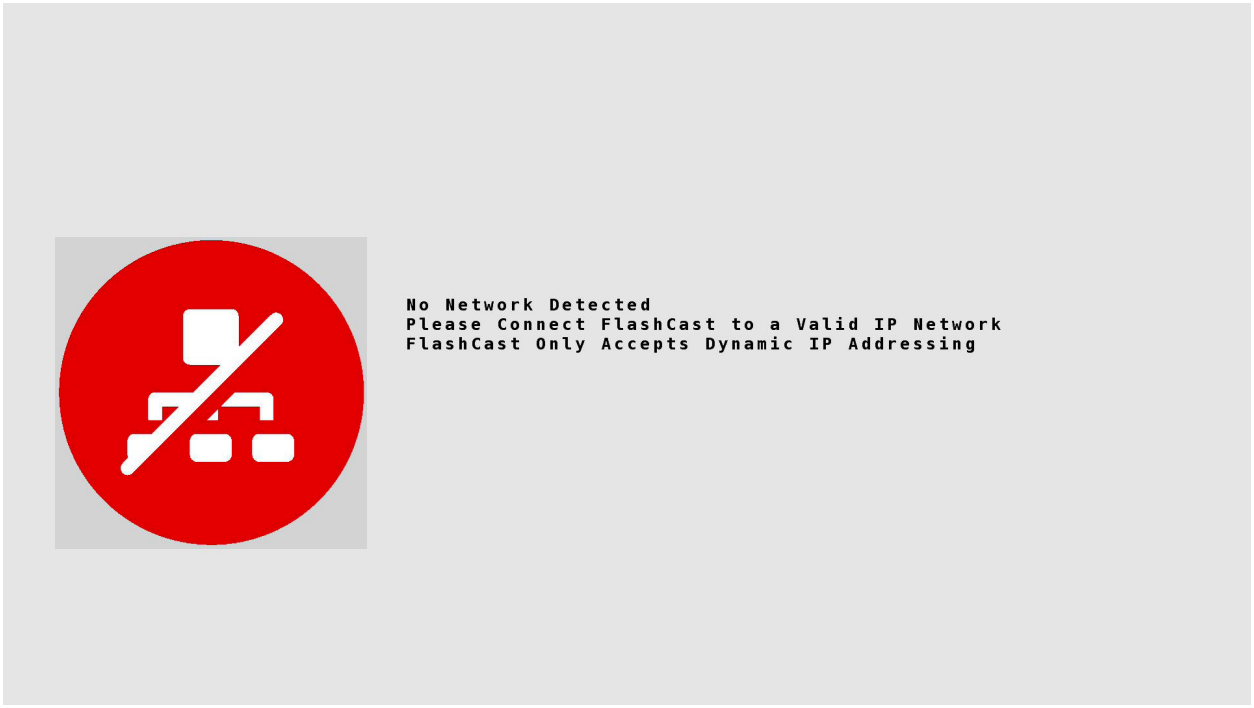
5. Turn alert off

6. Do not use - (Same as 3/ticker, but for special case)

7. Do not use - For the Out Of Box Experience Only

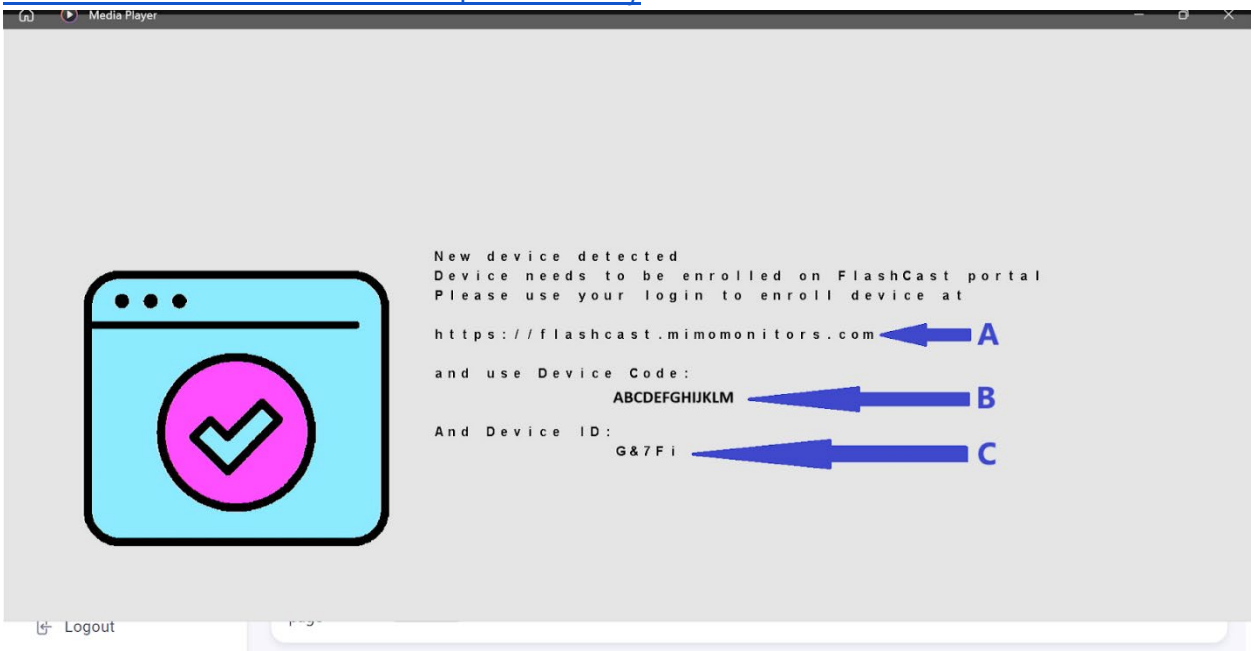


8. Do not use - For the Out Of Box Experience Only

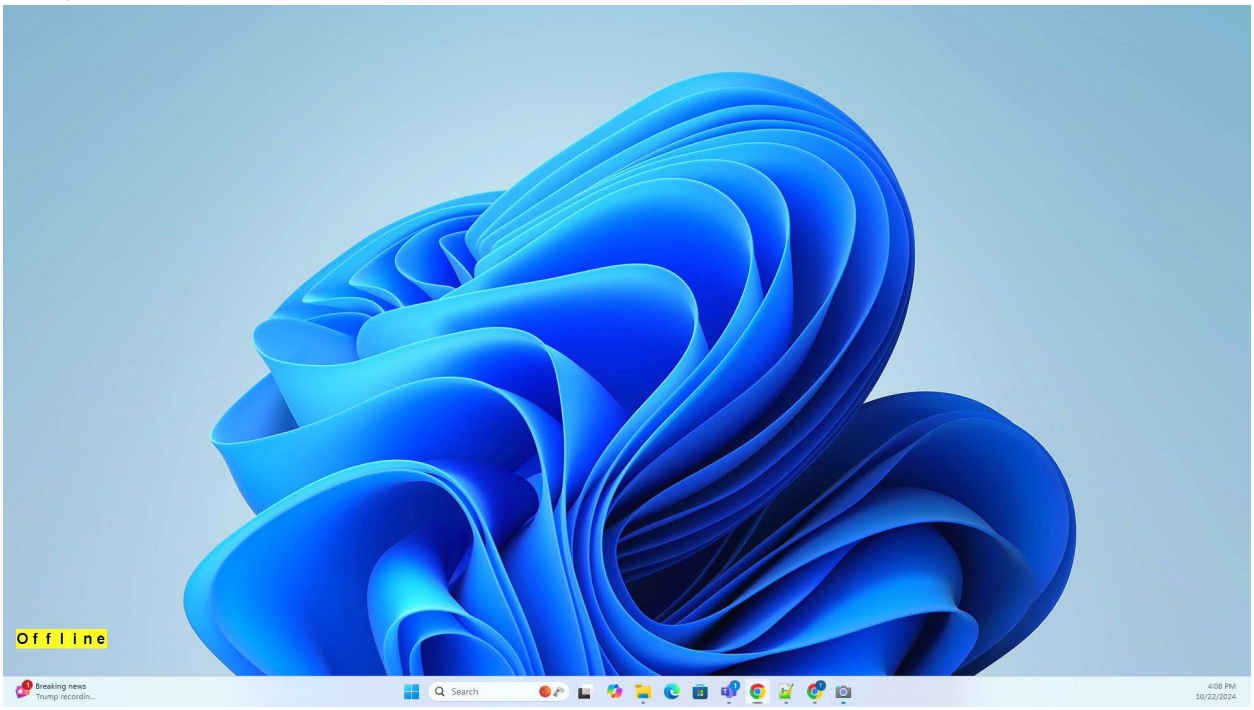


9. Do not use - For the Out Of Box Experience Only

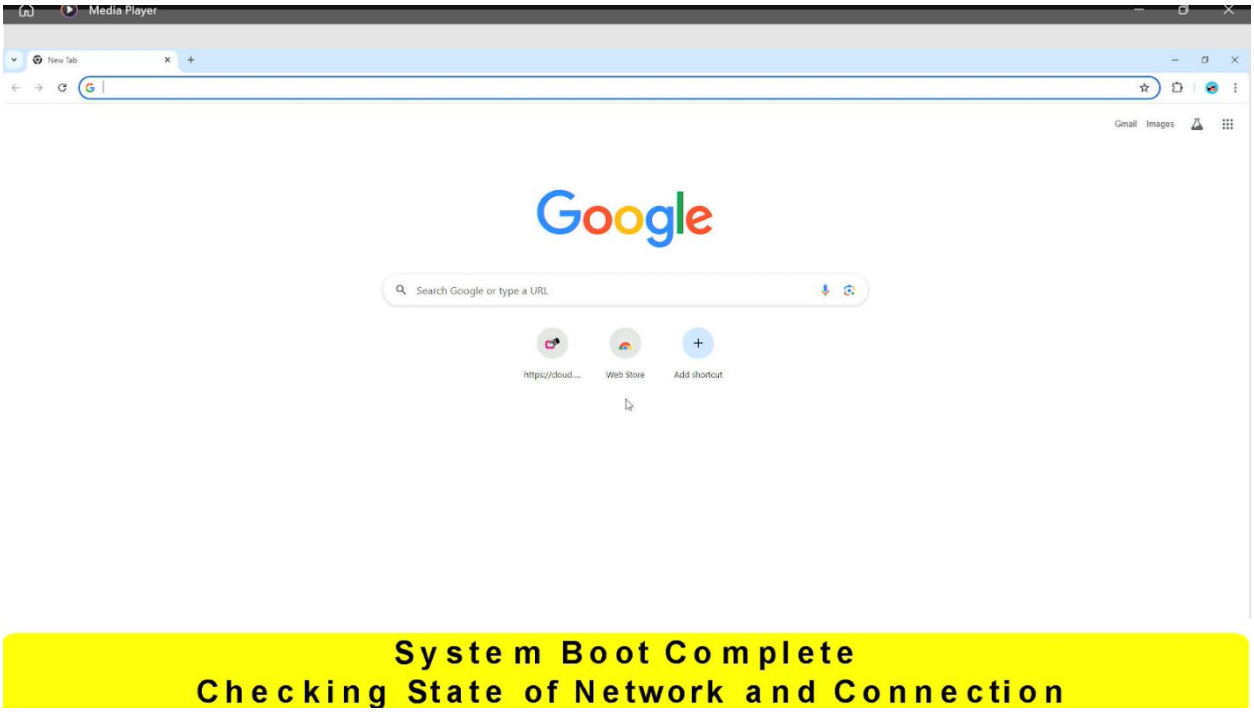
10. Do not use - For the Out Of Box Experience Only



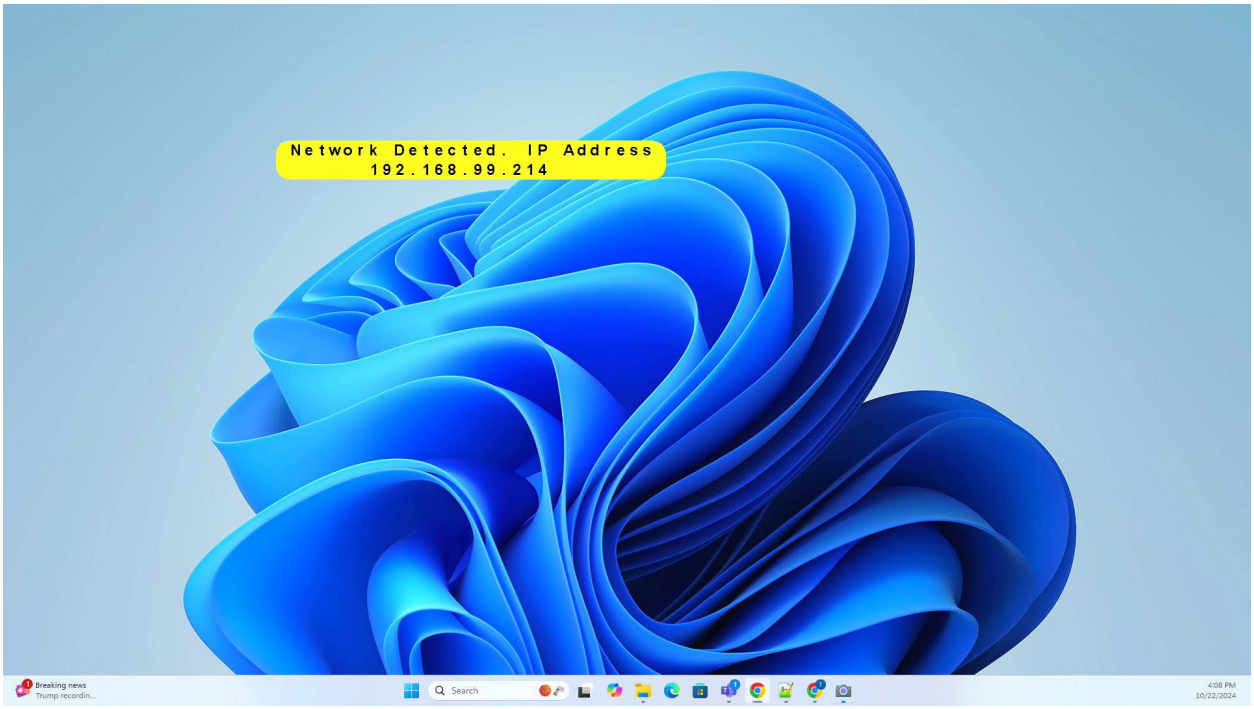
11. Do not use - ‘No Connection’ text in the lower left of the screen



12. Yellow 3 line lower banner



13. For debug only - puts local IP address on screen



14. Top of Page Ticker with very large font