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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.

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singlewire InformaCast^a

Q e.g. Users

Home



×

Sites are spaces of ground within your organization tied to a collection of site roles. These site roles may r



• Next, create a new Service Account. Give it a name, select Custom API, and click 'Save'

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ග Scheduled Notifications ඹ Event Sources						
び System Health ↔ Data Import 홈 Self-registration 양 Security Groups 註 Integrations	+ Basic Information + Name David - Service Account - Type - Type					
Applications Application Marketplace Service Accounts Zoom API Connectors	e	x c	ancel		Save	

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• Under Security, open 'Common Permissions' and select 'View Site Permissions'

osinglewire InformaCast	
Q e.g. Users × t Home C Recipients +	Service Accounts Service Account Details: David - Service Account Need Help? View/edit a service account's details and tokens. General Notifications Service Security
Admin –	Security Information
Data Import +	Security Groups - Manually Added Assign this user to security groups.
# Applications # Application Marketplace # Service Accounts C Zoom	+ Assign to Security Group Common Permissions
 Triggers Licenses Settings + 	VIEW DISTRIBUTION LIST PERMISSIONS VIEW MESSAGE TEMPLATE PERMISSIONS VIEW CONFIRMATION REQUEST PERMISSIONS
Reports +	VIEW AREA OF INTEREST PERMISSIONS VIEW OUTBOUND SYSTEM PERMISSIONS VIEW DEVICE GROUP PERMISSIONS VIEW BELL SCHEDULE PERMISSIONS VIEW RING LIST PERMISSIONS



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

Service Accounts: David - Service Account Site Permissions Image common permissions, which are a more refined way of adding permissions to an application or user. In order to fully utilize Sites update functionality, it is recommended that the Notifications > Command Center > Site Performance Center and Center > Site Performance Center and Center > Site Performance Center and Center > Site Performance Center Account					
Q. Search				✓ Done	
Name	View	Update	Delete	All	
Anirudh Test Site	\checkmark	\checkmark		\checkmark	
Dev Env	\checkmark	\checkmark		\checkmark	
singlewire site	\checkmark				
test site	\checkmark				
test site	\checkmark			\checkmark	
Test Site 2 singlewire	\checkmark			\checkmark	
Test Site Fuji				\checkmark	
Test Site Fuji 2	\checkmark				
			Rows per page: 10 ∨ 1−8	of 8 < < > >>	

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

®singlewire InformaCast			💷 Global 🗸	>	٠	8	e	
ග Scheduled Notifications @ Event Sources								
Admin	-	View/edit a service account's details and tokens.						
^⑦ System Health		General Notifications Sent Notifications Security	General Notifications Sent Notifications Security					
Data Import Self-registration	+	Security Information						
 Security Groups Integrations 	-	Security Groups - Manually Added						
Applications Application Marketplace Service Accounts	Applications Assign this user to security groups.							
 Zoom API Connectors 	+ Assign to Security Group							
- Triggers		Common Permissions ~						
Settings	: II							
 Appearance Calling 	Global Permissions							
 Do Not Disturb Email 	sturb Tokens					^	J	
 In-app Support InformaCast Apps 	I In-topp Support Q. Search			+ Cr	eate To	ken	J	
■ SMS I'me Zone and Locale ▲ Text-to-Speech		Note No Tokens						
		Rowsper	page: 10 - 1-0 of	o «	$\langle \rangle$	>>		

• Give the connector a name, and click Save



Create Teken	×
Name	
FlashCast Connector]
	Cancel Save

• Copy the token created

Click the (establish	Copy icon to copy the token to your clipboard. Paste the token into your application to communication between it and InformaCast.
1 North	o te his token will not be available once this pop-up window is closed.
Token	
JOUTZE	BANGSOLDER MANNER DER SECRETARE – ORGENERANDER MANNER BERANDER FAN ISONOSCEDER BUPZTORCORDER NEGXON (-
Tokens ex	pire one year from their creation.

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

	3rd Party Integration				
 Dashboard Device Management Alerts Users Device Set Up 3rd Party Integration 	Digital Alert Systems	Digital Alert Systems Integrate your D.A.S. system and automatically push your alerts to the FlashCast system and screens. Configure	Singlewire software	Singlewire Software Integrate your Singlewire Software system and automatically push your alerts to the FlashCast system and screens. Configure	



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• Click 'Add Token' and paste in the token copied from the Singlewire Portal

	3rd Party Integration 3rd Party Integration / Singlewire Configuration		
 Device Management Alerts Ucers 	Step: 1 Add Token	Webhook URL: Add Token to get the Webhook URL.	Сору
Overs Device Set Up Or 3rd Party Integration	Step: 2 Map Sites		

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'

osinglewire InformaCast ⁻				🖽 Global 🗸 🗲 🌲 😨 😝
Tracking Events		_		
7/2 Outbound Systems -	List Scenarios What Are Scenarios?	ton and send a series of notifications to separate audiences in respectively.	esponse to an emergency or a set of circumstances.	+ Create Scenario
Conference Calls				
Cisco Webex	Q Search	Managing Site 🛛 🗧 Shared Status		Columns
Twitter Outbound CAP	Name	Scenario Type	Site Access	
Outbound RSS	Ad Hoc Notification	Standard	Global	
API Devices	All Clear	Standard	Global	> / 1
Motifications -	Building Evacuation	Standard	Global	> / :
 Notification History 	Dev 1	Standard	Global	> / :
Message Templates	Emergency Lockdown	Standard	Global	> / :
Confirmation Requests	FlashCast Demo Scenario	Standard	Global	> 1 :
🛃 Command Center -	Fuji Test Alert	Standard	Global	> / :
Site Roles	New Test Dev	Standard	Global	> / :
ni Sites	Test Notification	Standard	Global	> 1 1
Scenarios Incident Plans				Show 25 ♀ 1-9 of 9 ≪ < > >>
Incidents				
Tracking Event Notifications				
Notification Profiles				

• Select Standard and Continue

Scenarios Scenario Type Help Me Choose Image: Choose Scenario of the Choose Image: Choose Scenario of the Choose Scenario of					
What type of scenario would you like to create?	Panic Button				
		X Cancel V Continue			

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



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Scenarios

Scenario Details: Test Notification 🛛

/iew/edit a standard scenario, its details, button, questic	ns, notifications, etc.		
Scenario Setup Name your scenario, set your display preferences for	the button that users will press to initiate this scena	rio, and optionally add other scenario elements.	^
Name		Scenario Button Preview	
Test Notification			
Icon	~] ×	Test Notification	
Color			
# 005B8C			
Which scenario elements would you like to include a	this scenario (optional)?		
Ø	=	•	E I
Sites	Keyboard Shortcuts	Scenario Questions	Instructions
	0		
Incident Plan	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 1

Туре	,	Variable Name 🗕	
Free Text	~	alertMessage	
Tide			
litle			
What is the Alert Message?			
	~		
Default Response (Optional)	0		
This is a singlewire alert from	n Testing team		

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



Question 2

Туре	Variable Name 🖲		
Single Select 🗸	severity		
Title			
Choose Severity			
Single Select Options 0			
Option 1			
high		Î	☆
Option 2			
medium		Î	☆
Option 3			
low		Î	☆
+ Add Option			

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



Туре	Variable Name 🔹	
Single Select	✓ templateld	
Title		
Choose Template ID		
Single Select Options 0		
Option 1		
1		前 公
Option 2		
2		
Option 3		
3		
Option 4		
4		
+ Add Option		
X Cancel + Add To Questions		

• So that the final questions look like this

Sites Set site-specific preferences for your	r scenario that will dynamically change based on your initiator's	selections.			
Question Settings Allow your initiator to tell you wh	ere an event is occurring by entering a question for them to ans	wer during scenario initiati	on.		
Question Which location do you want to s The answer to this question can be in	send Alert to? cluded in your notifications with variables.				
Questions Allow your scenario initiator to provi	de additional information about an emergency by having them a	nswer questions.			^
Question	Default Response	Туре	Options	Variable	
What is the Alert Message?	This is a singlewire alert from Testing team	Free Text		alertMessage	V 🖉 🗑
Choose Severity		Single Select	3	severity	V 🛧 🌶
Choose Template ID		Single Select	4	templateId	↑ 🖉 Ē
+ Add Question					

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



Scenario Notifications

Select the notifications to be sent when this scenario is initiated, and set any message template overrides.

Notification 1	
Name	
Informacast Fuji Alert]
Message Template	
Ad Hoc Notification	~ X
Override Message Template Override the selected message template's contents.	
Subject	
This is the alert from Informacast	
Text-to-speech content must not exceed 3,000 characters.	✤ Insert Variables
Body	
Body	
Text-to-speech content must not exceed 3,000 characters.	✤ Insert Variables
Confirmation Request	
	~ X

- 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

Map Sites

Step: 2

Сору



Edit an API Connector

Configure a custom webhook to send an HTTP request when this scenario is initiated.	
Name	
David's Test Button	
Description (Optional)	
Туре	
Webhook ~	
Method Webhook URL POST V https://func-fuji-prod-cus-alrt.azureweb Insert Variables	
Expire After 🔹	
1.5 minutes V	
Authorization Parameters Headers Body	
Define the data that should appear in the HTTP request body in a format supported by the receiving application.	
Request Body	Encrypt
{ "alertMessage": {{event.scenarioNotification.fields.0.answer json}},	•
	Cancel Save

• 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}}

}

×



Edit an API Connector

Configure a custom webhook to send an HTTP request when this scenario is initiated.	4
Name	
David's Test Button	
Description (Optional)	
Туре	
Webhook ~	
Method Webhook URL POST V https://func-fuji-prod-cus-alrt.azureweb Insert Variables	
Expire After 💿	
1.5 minutes V	
Authorization Parameters Headers Body	
Define the data that should appear in the HTTP request body in a format supported by the receiving application.	
Request Body	Encrypt
{ "alertMessage": {{event.scenarioNotification.fields.0.answer json}},	•
	Cancel Save

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'

×



3rd Party Integration

3rd Party Integration / Singlewire Configuration

Step: 1	Update Token	
Step: 2	Map Sites	

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

Map Sites to Groups	>
Singlewire Site	FlashCast Group
Anirudh Test Site	Mimo Monitors -
singlewire site	Select Group -
test site	Select Group -
test site	Select Group -
Test Site 2 singlewire	Select Group •
Test Site Fuji	Select Group -
	Cancel 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.

Alerts			Search for alert	Q Alerts Needing Approval Creat	e Alert Send DA
Alerts actions	Off L	ess Transparent More T	Transparent Reset Refresh Alerts		
Select status	 Select 	severity 🗸	Select source 🗸 🗸	Select group 🗸 🗸	
Status 🗘	Severity 🗘	Source 🗘	Alert Message 💲	Time Left 🗘	Groups 🗘
• Past	Medium	INFORMACAST	This is a test		Singlewire Test Group
Past	Medium	INFORMACAST	This is a test		Mimo Libertyvi DUT
Past	High	INFORMACAST	This is a test		Mimo Libertyvi DUT
Past	High	INFORMACAST	This is a test		Mimo Monitor
Past	Medium	INFORMACAST	esfrj Ikwje fwelkjf welkfjwe I		Mimo Monitor
Past	High	INFORMACAST	Test\nTest\nTest		Mimo Monitor
Past	High	INFORMACAST	Test Test		Mimo Monitor
Past	High	INFORMACAST	This is a test		Mimo Monitor
Past	High	MAN	Hi Greg		Mimo Monitor
Past	Low	INFORMACAST	This is the alert from informa		Mimo Monitor

- 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 <u>Template Samples and</u> <u>corresponding numbers</u> section for the description



Template Samples and corresponding numbers

1. Full Page





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













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



