i4 Automation Ltd

How to Set up SMS/Email Events within UniCloud

This application note is for when you wish to set up alerts to come to your mobile device or email account to warn certain operatives on certain events that happen within there asset types.

Ways this could be used are for:

- Status updates on current readings or alarms with the schedular
- Alarm alerts when a problem has occurred
- Telemetry alerts to warn if the values have gone out of normal operating procedure
- 1. Sign into <u>Unicloud.io</u> with your credentials and press 'Events Management' on the left-hand side.

Main Dashboard	Events Management					
Device Management						
🔂 Events Management	Events Templat	es Activities Log				
A Organizations	Search	٩				Uiewall 🕤 View Archived 🕀 Add
🖋 Dashboard Gallery	Name 🗇	Status 🗇	Trigger type 🗄	Action type \oplus	Create date 🗇	Expiry date
My Account	Alarm SMS	Draft	Alarm	SMS notification	14/09/2023	
	Alarms Tank	Draft	Alarm	E-mail notification	14/09/2023	

- 2. Press templates, then the add tab on the right-hand side as shown above.
- 3. Set up the details for your alarm by setting up the following details:
 - Template name: name your event
 - Trigger type: set up which data you want to trigger the event, you have a choice of the following:
 - Schedular: Set a preset event to happen in intervals of your choosing.
 - Alarm: use alarms to trigger the event.
 - Telemetry: use telemetry to say when the event be active.
 - (If applicable) Latch Period: When trigger conditions met, intervals between repeating the SMS/Email being sent.
 - Action Type: are you sending SMS or email?
 - Specific Organization: you want this event to be sent to all organisations or to one specific organisation?

DETAILS	2 TRIGGER	3 DATA SOURCES	4 MESSAGE	AUDIENCE
Template Name		ALARMS TEST		
Trigger Type		Alarm	1 ~	
Latch Period		30 Minutes	· •	
Action Type		Email Notification	1 ~	
Notify Organization				
Specific Organizat	tion			
Organization Type	8	Machine Builder	1 ~	
Machine Builder		i4 Automation		



4. Set up your triggers to tell the event what Conditions need/not need to be met in order to release the event. You can select and /or conditions also.

(Please note: you will need to guide the full trigger to its destination even though you select the asset type above, as seen below)

		Condition	(Asset Properties.Asset ID = 9610 AND Asset Properties.Asset Type = UniCloud Demo I4A AND Alarm Info.Alarm Status)
Start	10092023 V		
End	v		Number of characters: 180 / 512
 Asset Type 	USCloadDime HA		NOT AND OR + ADD CROUP
Condition			Asset 1D - == - 9610 -
	Number of characters: 0/512	J	Asset Type - == - UniCloud Demo I4A -
	NOT AND OR + AUD RULE + AUD GROUP		Alarm Status • •• Off • On

5. Manage your data sources. Here you can add and make your data sources for the SMS or email if required, for example, if you wanted to make a data source to show how much water was left in a tank you can arrange that here.

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6. In the message section you can write out the email or SMS you intend to send out to people when the event has been triggered. You may use data sources in the subject or main body of Emails/SMS' that show information from the data sources you set up in the last step.



7. Next select the audience that will receive the event from the user group drop down menu.

DETAILS	TRIGGER	DATA SOURCES	MESSAGE	6 AUDIENCE	
User groups					
Admins 😣		~ •			
Allow to exclude	Admins				



8. Select finish then select the template you have just made.

Evei	nts Management							
	Events Templates	Activities Log						
	Search	٩				View all	Tiew Archived	🕀 Add
	Name 🗇	Status 🗇	Trigger type 🖕	Action type $_{\odot}$	Create date 🕁	Expiry d	ate	
	Name 🖕	Status 🗇 Draft	Trigger type ⇔ Alarm	Action type SMS notification	Create date	Expiry d	ate	
	Name Alarm SMS Alarms Tank	Status Draft Draft	Trigger type 🗇 Alarm Alarm	Action type SMS notification E-mail notification	Create date 14/09/2023 14/09/2023	Expiry d	ate	
	Name Alarm SMS Alarms Tank ALARMS TEST	Status () Draft Draft Draft	Trigger type ⊜ Alarm Alarm Alarm	Action type SMS notification E-mail notification E-mail notification	Create date 14/09/2023 14/09/2023 14/09/2023	Expiry d	ate	

9. Here you can test your event, Publish the event making it go live, edit it before you publish, suspend the event so that you can edit it if you need to.

To get it to go live for now just press publish.

									×
• Preview message	🗖 Publish	🖍 Edit	🗓 Delete	T Archive	🖆 Test	🗗 Сору	() Suspend	Activate	🕓 End
ALARMS TEST	Action	n:		E-mail no	otification	n			
14/09/2023	Expiry	y date:							
mation									
14/09/2023	Executio	on end c	late:						
le									
	 Preview message ALARMS TEST 14/09/2023 mation 14/09/2023 	Preview message Preview message Preview message ALARMS TEST Action 14/09/2023 Expirg Action Action Action Action	Preview message Publish Edit ALARMS TEST Action: 14/09/2023 Expiry date: 14/09/2023 Execution end of 14/09/2023	Preview message Publish Pedit Delete ALARMS TEST Action: 14/09/2023 Expiry date: 14/09/2023 Execution end date:	Preview message Publish Leit Delete Archive ALARMS TEST Action: E-mail no. 14/09/2023 Expiry date: 14/09/2023 Execution end date: 14/09/2023 Execution end date:	● Preview message Publish Edit Delete Archive Test ALARMS TEST Action: Expiry date: mation 14/09/2023 Execution end date:	● Preview message Publish Edit Delete Archive Test Copy ALARMS TEST Action: Expiry date: E-mail notification Id/09/2023 Expiry date: Id/09/2023 Execution end date:	● Preview message Publish Edit Delete Archive Test Copy Suspend ALARMS TEST Action: E-mail notification 14/09/2023 Expiry date: In the securition end date:	● Preview message □ Publish ► Edit □ Delete □ Archive □ Test □ Copy ○ Suspend ► Activate ALARMS TEST Action: Expiry date: mation 14/09/2023 Execution end date:

Notes:

Please see below the list of limits per subscription package for SMS notifications PER MONTH. For example, if you send 5 people an update SMS once a day this would equal 35 SMS per week.

- Email No limitations
- SMS :

Subscription	Monthly
Туре	allocation
Evaluation	300
Start-up	30
Basic	90
Intermediate	150
Advanced	300

If more assistance is required or you would like to know more, please email us:

sales@i4automation.co.uk