### **Roger Access Control System 5**

Application note no. 041

Document version: Rev. A

# **Actions on Events and Flags**

Note: This document refers to RACS 5 v2.0.8 or higher

#### Introduction

The RACS 5 system can start various Actions such as among others email sending, mobile text (SMS) sending and Alert raising in response to events registered by the system. Alerts which are automatically displayed in VISO software may require confirmation by operator.

Actions can be useful in monitoring of premises, reaction to emergency, automatic reporting and integration with third party systems. They may concern such emergency situations as for example lack of main or backup power supply, door forced alarm and be used for current monitoring e.g. certain user just entered through particular door.

Note: Alerts are available in VISO v2 due to compatibility with previous VISO v1 software. Instead of Alerts it is recommended to apply Notifications and other function offered by VISO SMS as explained in AN055 application note.

## **Actions**

Actions are defined for event types selected by administrator and they are started automatically when particular event is registered. Actions can be limited by filter in order to narrow events that can start the action. Excluding *Show alert* all other Actions do not require VISO software to be started as they are managed by Communication Server from RogerSVC software.

Action	Comment
Redirect to file Redirect to HTTP server Redirect to COM port Redirect to TCP port	Used mainly for integration purposes when event registered by RACS 5 system are redirected to third party system using one of the methods.
Export to T&A fileUsed mainly for T&A purposes as explained in A application note.Print Evacuation ReportUsed mainly within VISO SMS software as explain	
Print Evacuation Report Send email with Evacuation Report	Used mainly within VISO SMS software as explained in AN055 application note.
Execute Global Command	Used mainly for starting multiple Global Commands in the system as explained in AN048 application note.
Send mobile text Send email	Explained below.
Show alert	Explained in the next section of this note.



#### Send email or mobile text

In order to define SMTP account which is necessary for email sending:

- In the top menu of VISO software select *Tools* and then *SMTP Accounts*.
- In the opened window select *Add* and configure account which will be used by RACS 5 system for sending emails as in the example below. Close the window with *OK* button.

Add SMTP account			? ×
General:			
Name:	SMTP Account1		
SMTP Server:	smtp.gmail.com		
Port:			465 🗘
Login:	testyviso1@gmail.com		
Password:	•••••		
Enable SSL:			
Default Address 'From':			
Test		ОК	Cancel

In order to define Send email Action for exemplary event type [321]: Forced Door Alarm:

• Define email addresses for Persons. Later it will be possible to select them as email recipients. Such Persons do not have to be assigned with access rights and/or Authentication Factor(s).

Add Access U	ser Person			?		$\times$
General						
		Name:	Security Team			
		First Name:				
		Last Name:				
		Group:	None		~	x
		Department:	None	~	×	*
		Job:	None	~	×	۵
		Supervisor:	(none)		~	×
Contact Info	ormation	Additional Options	Remote Management Private Data Protection Description Visitor Management Custom	Fields	<	>
Email:	security_vis	o@gmail.com				
Phone:						
Postal Code:			City:			
Address:						
			ОК	Ca	ancel	1

- In the top menu of VISO software select *Event log* and then *Event Types*.
- In the opened window select the event type [321].
- In the bottom select *Actions* tab and then *Add*.

• In the opened window select *Send email*. Additionally a filter can be selected to limit the Action to [321] events from selected doors and not all doors in the system. Event filter is configured by selection of *Event Log* command in the top menu of VISO software and then *Event Filters*. The parameter *Event validity time* specifies event validity in case of communication failure in the system. If communication failure time exceeds this parameter then email will not be send by the system because it will be deemed outdated.

Add Actio	n		?	$\times$			
Action							
Active:							
Type:		Send email		~]			
Execution S	Site:	Action executed by Communication Server					
Description	1:	Send email when event occurs. In subject and text you can use variables: \$EventID, \$EventCode, \$EventName, \$CategoryID, \$Location \$LocationID, \$LocationName, \$SourceType, \$SourceID, \$Source \$AccessCredentialID, \$CredentialName, \$OptionType, \$Option \$OptionName, \$Function, \$ActionStatus, \$LoggedOn, \$Details, \$Severity, \$CommunicationServerID, \$ControllerID, \$Network \$CommunicationServerName, \$ControllerName, \$PersonID, \$Greater and the provided the provided to the prov	Following Fype, eName, Jame, roupID,				
Filter:		(none)					
Event validity time:		(none)		~			
Paramete	ers						
SMTP Se	ttings						
Account:	SMTP Accou	nt1		~			
Message	Settings						
From:	administrato	r_viso@gmail.com					
To:	Security Team						
Title:	Forced Door	Alarm					
Text:	Forced Door	Alarm detected at \$LocationName on \$LoggedOn					
		ок	Cance				

- Select previously created SMTP account, define sender and select recipient(s). Only Persons who are enrolled in the system and who have email addresses can be selected as recipients.
- The text of email may include variables such as for example *\$LocationName* (which in case of [321] event type is Access Door name) to make the email more informative.

Similarly mobile text (SMS) sending is defined. The difference is such that it is necessary to create account at <u>https://www.smsapi.com/en</u> website and then define SMS Gateway selecting *Tools* command in the top menu of VISO software. Additionally *Send mobile text* Action must be selected for particular event type and possible recipients (Persons) must have phone numbers defined.



Add SMS Gate	way		?	$\times$
General				
Name:	SMSG1			
Provider:	SMS Gat	teway www.smsapi.pl		~
Description:				
Parameters				
SMS Server:		https://api.smsapi.pl/		
OAuth Author	rization:			?
Token:		rNTymlYIiCB0wAKHMIxKa9kv73vrhi20MxGTZbk2		
Sender:		Roger		?
Registration:		www.smsapi.pl		
Test		ок	Canc	el

#### Alerts

Note: Alerts are available in VISO v2 due to compatibility with previous VISO v1 software. Instead of Alerts it is recommended to apply Notifications and other function offered by VISO SMS as explained in AN055 application note.

Alerts are Actions defined for selected event types and they result in automatic message displaying in VISO software for possible confirmation by operator. In order to define Alert for exemplary event type [321]: Door Forced Alarm:

- In the top menu of VISO software select *Event log* and then *Event Types*.
- In the opened window select event type [321] for the configuration of Alert.
- In the bottom select *Actions* tab and then *Add*.
- In the opened window select *Show alert*. Additionally a filter can be selected to limit Alerts to [321] events from selected doors and not all doors in the system. Event filter is configured by selection of *Event Log* command in the top menu of VISO software and then *Event Filters*. Alert displaying can be also limited to selected operators and each Alert may require confirmation by operator. Close the window with *OK* button.

Add Action		5	×
Action			
Active:			
Type:	Show alert		~
Execution Site:	Action executed by client		
Description:	Show alert with information about the event. You can set the require the alert to be confirmed.	ment fo	r
Filter:	(none)	~	x
Event validity time:	(none)		~
Operators:	Administrator		~
Parameters			
Requires confirmation:			
	ок	Cance	

• When Door Forced Alarm is started by the event [321], then the list of current Alerts is automatically displayed in VISO software.

e and Attendance	External Authorisation	Wizards	Visits	Intrusion Alarm Systems	Fire Alarm Systems	KO	IE ACCESS EI	levators	Directory Services	Tools	Synchronisation Stat	us 🤅
						$\sim$	I Alerte	5				芨
							Alerts					
		=					🛄 Con	ıfirm 🔒	Confirm All 🛗 Delete	Sele	ect All	
								Draviau	Event		Destrices confirms	Confirmed
							6.7	Preview	even:		Requires comirma	Commed
							Þ		Door Forced Alarm			
ng Application	for RACS 5 Physical Ac	cess Contr	ol and Bu	uilding Automation Syster	n							
	Wersja v2.1.1.35926											
											1// //	
											IN N RECORD	
							Details					
							Details					
							C Ref	iresh				
							Time and [	Date:	4/3/2024 1:24:35 PM			
							Event:		Door Forced Alarm			
							Severity:		High			
							Communic	ation Serve	er: [1]: Serwer komunika	cji 1		
					All A		Controller	Group:	[2]: GK2			
							Controller	:	[1]: K1			
					100		Location:		[2]: K1_P2			
					Configure Favourites		Source:		None			
							User:		None			
							Option:					
							Requires o	onfirmation	n: 🔽			
							Confirmed					
							201111110					



## **Flags**

Flags are reminders which are manually activated by operator for selected events in Event Log or Event Monitor. They are automatically displayed by VISO program in certain date and time. In order to define Flag:

- In the top menu of VISO software select *Event log* command and then *Event Log* icon or select *Monitoring* command and then *Events Monitor* icon.
- For selected event click flag icon to define a reminder.

vent Log												
🧪 Edit 🛛 F	ilter: All Events	~ 0	2 5	Export C R	efresh 🔒 Report					Layout Configura	tion ~	
Enter text	to search		Set Flag	a croatos a romi	ider that appears at a s	pacific time	Ŗ	×				
	Time and Date 📼	Event	Security I is	ay creates a remin	ider triat appears at a s	peone une.			er Person	Option		
R.	= Search	RBC Search		Event ID:	142					RBC Search		
P	4/3/2024 1:00:51 PM	Door Close	-	Comment:	For further analysis							
P :	4/3/2024 1:00:50 PM	Door Forced Alarm										
P	4/3/2024 1:00:50 PM	Door Open										
P	4/3/2024 12:56:56 PM	Door Close		Remind date:	Friday, April 5, 2024	~	2:00 PM	٢				
P 1	4/3/2024 12:56:55 PM	Door Forced Alarm										
P	4/3/2024 12:56:55 PM	Door Open										
P	4/3/2024 12:56:12 PM	Controller in Normal M										
P	4/3/2024 12:56:12 PM	Controller in Normal M				ОК	Cancel					
P	4/3/2024 12:56:12 PM	Preparing to Start No	[1]: K1	1	None	None	None					
P	4/3/2024 12:56:06 PM	Controller in Normal M	[1]: K1	1	None	None	None					
P	4/3/2024 12:56:06 PM	Controller Restart	[1]: K1	1	None	None	None					
P	4/3/2024 12:56:06 PM	Dynamic Data Reload	[1]: K1	1	None	None	None					
P-z	4/2/2024 12-55-05 DM	Cuitade de Maria Caraño	Fa1. 124			N	N					
								≪	« <	Record 2 of 143	> >	>
etails												

• VISO software will display reminder according to previously defined date and time.

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