

GuardPointPro Actions/Process's/Global Reflex

Actions/Process's and Global Reflex

As part of GuardPointPro's ACM module there is a cause and effect module which will allow specific actions to be triggered by specific conditions.

The module is split into 3 parts: Actions, Process's and Global Reflex's

Actions:

Define Actions to be carried out by the system as part of Reflexes, in response to alarms or conditions sensed by the system. Actions can be initiated by

Processes that include the Action

- Global reflexes that include the Action
- Icons of the Action positioned on maps
- Direct activation by the operator using the Manual Action/Execute Process screen



Make it a process

Clicking this button will directly create a Process consisting of this single action.

Note: The action must be saved before using this button

Test

Click this button to test the Action

Name

Free text—memorable name of the action

Description

Free text—memorable name of the action

GuardPointPro Actions/Process's/Global Reflex

Icon

Select the icon to associate with this Action from dropdown. This enables the user to place the icon on a Map using the Position screen. The Action can then be activated by double-clicking on the icon in the Active Alarms display.

Click [...] to open file explorer to choose a different file. If a different file is chosen, it will be added to the default Icon file

Action type

Use dropdown to select type of action

Each Action Type, when selected, displays the parameters needed for that type of action

Action Type Descriptions

Action type	First parameter	Second parameter
Relay Actions		
Relay Activation	Output – Select from list of all Outputs	<ul style="list-style-type: none"> - Return to Automatic Mode - NORMAL - Activated during: Delay (sec) - Always activated - constant ON - Never activated - constant OFF
Relay Group Activation	Output Group – Select from list of all Output Groups	<ul style="list-style-type: none"> - Return to Automatic Mode - NORMAL - Activated during: Delay (sec) - Always activated - constant ON - Never activated - constant OFF
Network Door Open	Controller Network – opens all doors that are defined as Door relays in 'Reader' screen – Select 'All' or specific Controller Network from list of all Networks	<ul style="list-style-type: none"> - Return to Automatic Mode - NORMAL - Activated during: Delay (sec) - Always activated - constant ON

GuardPointPro Actions/Process's/Global Reflex

Action type	First parameter	Second parameter
Alarms		
Input Group Deactivation During ...	Input Group – Select from list of all Input Groups	<ul style="list-style-type: none"> - Deactivated during X (Sec) - Deactivated during X (Min) - Constantly deactivated - Cancel previous delay of deactivation - Deactivate until next time zone
Input Group Activation During ...	Input Group – Select from list of all Input Groups	<ul style="list-style-type: none"> - Activated during X (Sec) - Activated during X (Min) - Constantly Activated - Cancel previous delay of activation - Activate until next time zone
Simulate an input	Input – Select from list of all Inputs	<ul style="list-style-type: none"> - Duration (x200msec)
Set Galaxy Groups	Galaxy Controller— Select Galaxy controller Group Number— Galaxy controller group number	Action on Group— Unset Set Part set Abort set Force set

GuardPointPro Actions/Process's/Global Reflex

Action type	First parameter	Second parameter
User Interface		
Display a Message on PC	Message	Computer
Play a sound	Choose a sound file	Computer
Open a screen	Select a screen	Computer
Execute external application	Command line	[...] opens file selection window to choose an application

Action type	First parameter	Second parameter
Reports		
Print existing report	Report (.rpx) [...] opens file selection window to choose a report	
Preview existing report	Report (.rpx) [...] opens file selection window to choose a report	Computer
Export existing report	Report (.rpx) [...] opens file selection window to choose a report	Filename / Export format
Print time & attendance report	Department Filter by : last X months Last X days	Select TA report
Preview time & attendance report	Department Filter by : last X months Last X days	Select TA report

GuardPointPro Actions/Process's/Global Reflex

Action type	First parameter	Second parameter
Cardholders		
Invalidate cardholder	Cardholder: Select the cardholder to be processed. Otherwise, '>cardholder' or '>escort' selects the cardholder or escort who triggered the reflex containing this Action by an 'Access granted' or 'Access denied' transaction	Expiration Type: - Permanently or - Visitor only
Validate cardholder	Cardholder: Select the cardholder to be processed. Otherwise, '>cardholder' or '>escort' selects the cardholder or escort who triggered the reflex containing this Action by an 'Access granted' or 'Access denied' transaction	Expiration Type: - Permanently or - Visitor only until end of the day
Import cardholders	Select a profile	

Action type	First parameter	Second parameter
Databases		
Save database	Save as... (see <i>Dynamic Text in Messages</i>)	
Save journal (Only when using 'Access' database)	Save as...	
Create new journal (clean) (Only when using 'Access' database)	Save as...	

GuardPointPro Actions/Process's/Global Reflex

Action type	First parameter	Second parameter
Communications		
Resume polling		
Stop polling		
Send message to communication port	Communication settings	Command line
Connect distant network and read transactions	Controller network	
Send Mitsubishi command to socket	Send to IP— IP of lift controller Header see here	Floors front and back Footer see here

Action type	First parameter	Second parameter
Modules		
Reset parking zones	Parking zone	
Start a guard tour	Guard tour program	Guard

Action type	First parameter	Second parameter
Counters		
Increment Counter	Counter	
Decrement Counter	Counter	
Set a counter value	Counter	Value

GuardPointPro Actions/Process's/Global Reflex

Action type	First parameter	Second parameter
Others		
Display a Message on Controller	Controller	Message
Set a crisis level	Crisis level	
Insert Comment in Journal	Message	
Print a message	Message Text	Use printer settings in report: [...] opens file selection window to choose a report
Pause	Pause duration (seconds)	
Send Email	To:	Message (and can use [...] to select an Attachment)

Action type	First parameter	Second parameter
Video		
Display live video	Camera	Computer
Record video	Camera	Message (see <u><i>Dynamic Text in Messages</i></u>)
Send message to OnSSI	DVR	Message Text

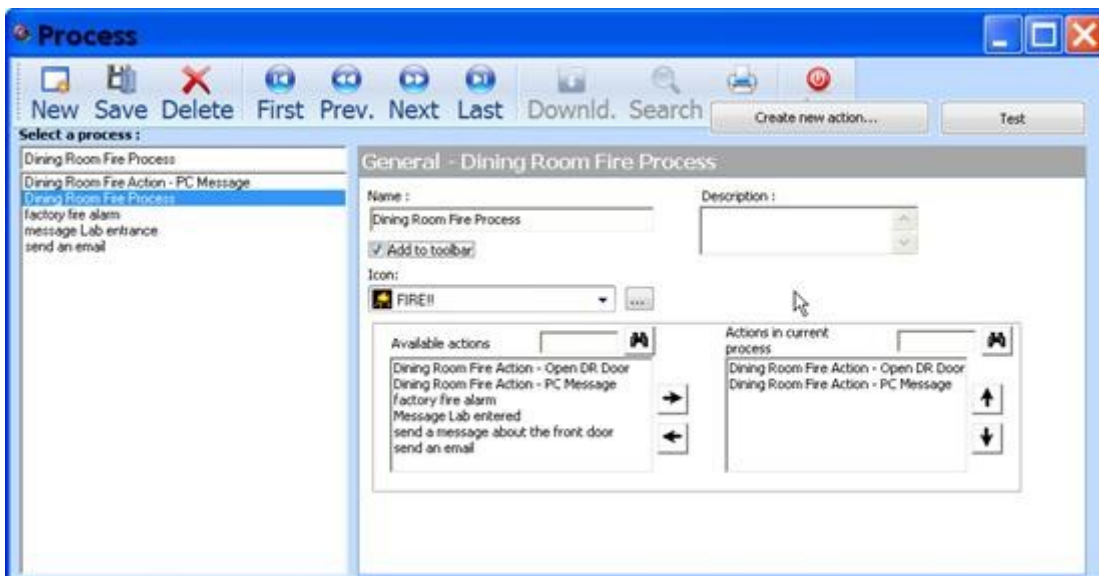
GuardPointPro Actions/Process's/Global Reflex

Process

A process is a user-defined set of one or more actions that can be invoked by a Global Reflex or by several other triggers, such as;

- Counters
- Parking Status
- Guard Tour
- By Operator in the Active Alarm Screen, or the Toolbar

All the defined actions are listed, and they can be selected individually to make up a new Process. The sequence in which they should be carried out can also be chosen.



Create new action

This button allows a new Action to be created while defining the Process. The Action window will open; the new Action can be defined and saved. After closing the Action screen and returning to the Process screen, the new Action will be added to the list of available actions.

Test

Click this button to test the Process under definition.

Name

Free text—memorable name of the process

Add to toolbar

Check to place an Icon and text on the Toolbar so that the process can be selected from the main screen at any time.

GuardPointPro Actions/Process's/Global Reflex



Icon

Select Icon to associate with this Process from dropdown.

The Icon can be used in three places:

- On a map in the Active Alarms screen (using either the Position screen or the Position screen if the Graphics+ module is used)
- On the Toolbar (if the user wants it to be available there)
- In the Manual Action/Execute Process screen

The Process can then be activated by double-clicking on the icon in the active Alarms screen, on the Toolbar, or in the Execute Process screen.

If the user wishes to use an Icon that is different from the default icons provided, click [...] to open file explorer to choose a different file.

Description

Free text—Memorable description

Available actions

List of all Actions that have been defined in the system.

The Search box allows the user to find Actions in this list by name.

Actions can be selected in this window and the buttons allow them to be copied to or removed from the 'Actions in current process' window

Actions in current process

List of all Actions to be included in this Process. The arrows allow a selected Action to be moved up or down the list, to set the sequence in which the Actions are to be carried out.

The Search box allows the user to find Actions in this list by name.

When the list of Actions for this Process is complete and in the required sequence, click Save

GuardPointPro Actions/Process's/Global Reflex

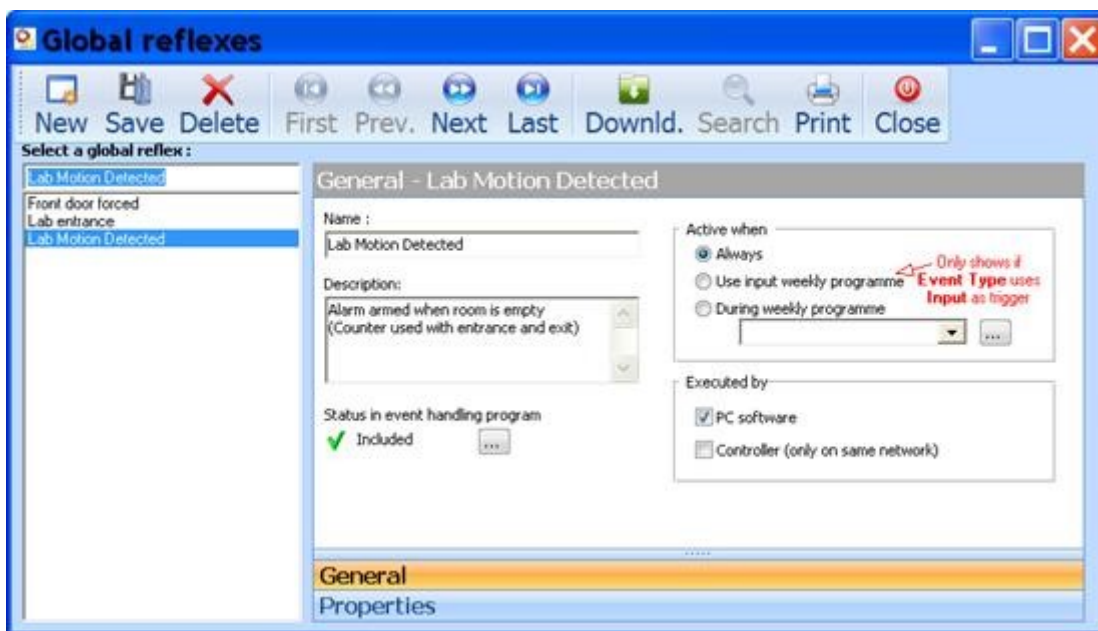
Global Reflex

A Global Reflex is the automatic activation of a Process, triggered by an Event.

The Global Reflex/General screen defines the Reflex, and the Global Reflex/Properties Tab allows the user to select the event that triggers it, the Process it should activate, and the parameters to use.

Global Reflex / General Tab

The name, description and activation status of the global reflex are defined in this screen.



Name

Free text—Memorable name of the global reflex

Description

Free text—Memorable description of the global reflex

Status in Event Handling Program

Symbols shows if this Global Reflex is part of the Event Handling Programme.

In order for a Global Reflex to be executed, it must be part of the Event Handling programme. In addition, it must either be defined as 'Always active', or it must be in a 'green' period in the Weekly Programme that is associated with it.

[...] opens the Event Handling Global Reflexes tab showing a summary table of all Global Reflexes, their status in the Event Handling Programme, the Event that triggers them, and the Process that they invoke.

Active when

Use radio button to select 'Always', 'Use Input Weekly Program*', or 'During Weekly Program' to define when this Global Reflex is to be active.

If 'During Weekly Programme' is selected, use dropdown to select a Weekly program.

GuardPointPro Actions/Process's/Global Reflex

***Use Input Weekly Program:**

This option only shows if the 'Event Type' depends on an Input
e.g. Start of Input, End of Input, Line Short or Line Cut
(this is set in the Global Reflexes/Properties Tab)

Executed by

Check if this Reflex is to be executed by:

- PC software (a standard 'Global Reflex')
- and/or

- Controller (a 'Network Reflex')

The controller on which the event occurred sends the command to execute the process. This same controller can carry out the Process or it can be another controller in which case:

- o it must be a controller that is on the same network
- o both sending and receiving controllers

must be connected via their 2nd bus

GuardPointPro Actions/Process's/Global Reflex

List of event types with parameters—For Events to be used to trigger Network Reflexes

Event type	NR	From	1st parameter	2nd parameter
Access granted	Yes	Reader	Transaction code	Cardholder
Access granted	Yes	Reader	Transaction code	Cardholder
Access denied	Yes	Reader	Transaction code	Cardholder /
Access denied + unsuccessful trials	Yes	Reader	Transaction code	
Start of alarm	Yes	Input	Input status	
End of alarm	Yes	Input		
Line short	Yes	Input		
Line cut	Yes	Input		
Table error	No	Controller	Table	
Low battery	No	Controller		
Power down	No	Controller		
Power up	Yes	Controller		
Power Supply failure (input PSF closed)	No	Controller		
Power Supply OK (input PSF opened)	No	Controller		
Box Opened (input MS opened)	No	Controller		
Box Closed (input MS	No	Controller		

GuardPointPro Actions/Process's/Global Reflex

Event type	NR	From	1st parameter	2nd parameter
Communica-	No	Controller		
Polling error	No	Controller		
Reader discon-	No	Reader		
Reader con-	No	Reader		
User acknowl-	No	User	Input	
User confirma-	No	User	Input	
Unknown card	No	Reader		
Unknown card and successive unsuccessful	No	Reader		
Non allocated	No	Reader		
New record	No	User		
Save record	No	User		
Delete record	No	User		
Application	No	User		
Application	No	User		
Arrival	No	Guard Tour	Checkpoint	Guard
Early arrival	No	Guard Tour	Checkpoint	Guard
No arrival on time	No	Guard Tour Program	Checkpoint	Guard
Late arrival	No	Guard Tour	Checkpoint	Guard
Scheduler	No	Day	Month	Hour / Minute

GuardPointPro Actions/Process's/Global Reflex

Event Notes:

- (1) An access group can be selected as a trigger for global reflexes associated with access. The group is signalled by a ">" sign before the access group name.
- (2) When a transaction code is selected, the event is only set off if the badge holder types the transaction code on the reader's keypad prior to swiping his badge. The transaction code is a sequence of two numbers between "00" and "99". In case of supervisor cards, a second badge reading within 10 seconds will send the transaction code 99 to the system, without the need of a keypad.
- (3) An input group can be selected as a trigger for global reflexes associated with inputs. The group is signalled by a ">" sign before the input name. Note: there is no input group by default.
- (4) A specific denial can be chosen to trigger a global reflex. The different reasons of access denial are : Any denied reasons, Wrong Keypad Code, Full / Lock / No answer from Door, Time not OK, AntiPassback not OK, Reader not allowed, Site Code not OK, Inhibited Cardholder, Access group, Escort unknown, (Card) Cancelled, Lost, Stolen.
- (5) Input status: Immediate or delayed, Immediate, Delayed.
- (6) Selected models only

To see an example of action/process/global reflex usage for sending an email, [see here](#)