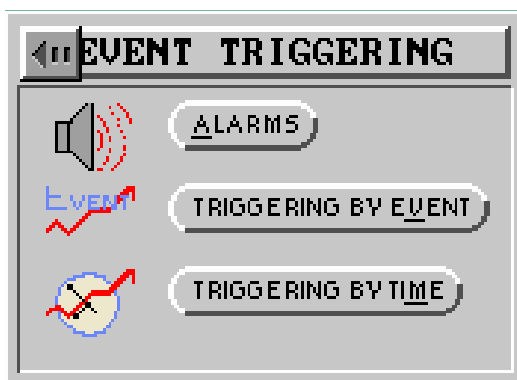


EVENT TRIGGERING MENU

Triggering events allows for a degree of automation within the ARES system as a pre-determined action (event) can trigger a pre-programmed response.

Event triggering can be anything from turning lights on when a door is opened, to starting a VCR to begin recording when a particular user enters an area.

Triggering by time is also available. By triggering events by time, doors can be opened and/or closed at the end of a working day, lights can be controlled in a building, etc.



In this section of the manual you will learn to:


- * **Trigger by Event**
- * **Trigger by Time**

Triggering by Event

An action is programmed to occur only when a particular event occurs. This process allows for a certain amount of automation, but it is also flexible enough to be changed at a moment's notice in response to immediate situations. Types of actions which can be programmed are selected from a drop down options menu in the **Action Type** field, with further programming done in additional screens accessed from the **Actions** icon:

- eg: Remote Control: Allows for the control of a door, input, area, relay, RAS, DGP, Lift or Challenger. Actions which can be performed will vary from selection to selection, accessed from a drop down options menu in the remote control screen, **Action** field.
- eg: Switch Camera to Monitor: This option allows an operator to control which camera view can be seen and at what monitor that view can be seen.
- eg: Find Preset View: Cameras with pan, tilt and zoom can have a number of pre-programmed views. Once a setting has been made in the Video Monitoring menu, it can be selected here and sent to an appropriate monitor to be viewed.
- eg: Auto Report: Once a selected event is triggered, ARES will begin to print out the selected Report and template (See Templates Appendix).

Triggering by Event Screen



Steps:

- 1) Select Event Triggering / Triggering by Event.
- 2) If the trigger ID is known type it directly into the highlighted **Trigger Id** field and press enter. If it is not known, click the right mouse button once or press **F4**. A search screen will open displaying available trigger ID.
Select the appropriate trigger ID and click the **select** icon or press **F5**.
The remainder of the fields will be filled in with information about the selected trigger ID.
- 3) To create a new trigger ID, type an ID for the trigger in the highlighted **Trigger Id** field. A message will appear on screen to notify you the trigger ID record is new. Press enter.
- 4) In the **Description** field type in a description of the purpose of this event trigger, press enter.
- 5) Select the event that initiates the trigger.

Depending on the event selected, certain other fields will appear which need to have data entered. Enter data in these fields for selection. Once this is accomplished, save the record. Then double click on the '**Action**' button and fill out the action or actions needed once the event is triggered. Save each action before you enter a new one.

- 6) The **Actions** button: Refer to the **Actions** explanation which follows the **Trigger By Time** section on the next page.

Triggering by Time

This menu allows for time to be used as a trigger for actions to take place, such as ensuring a door is disarmed for workers to enter a building at 9am. Trigger types available from a drop down options menu in the **Trigger Type** field are:

- ONCE ONLY:** Once the time is reached and the action is completed, the time trigger is then deleted.
- EVERYDAY:** The actions will occur everyday starting at the specified date and time.
- DAY OF WEEK:** The actions will occur on the same selected day of each week starting at the specified date and time.
- DAY OF MONTH:** The actions will occur on the same selected day of each month starting at the specified date and time. If the day of month selected does not appear in every month, for example the 31st, then that month is skipped.
- WEEK DAYS:** The actions will occur only on weekdays (Monday to Friday) starting at the specified date and time.
- WEEKEND DAYS:** The actions will occur only on weekend days (Saturday & Sunday) starting at the specified date and time.

Actions to occur at the specified time are the same as those selected from the drop down options menu in the **Action Type** field in the Triggering by Event screen. Additional screens open up to allow for programming of these action types from the actions icon.

NOTE: Times relate to a node. You must select the node for a timed trigger.

Triggering by Time Screen



ACTION TRIGGERING BY TIME Id

Node

Desc

Type

Time of next : /

Actions

Steps :

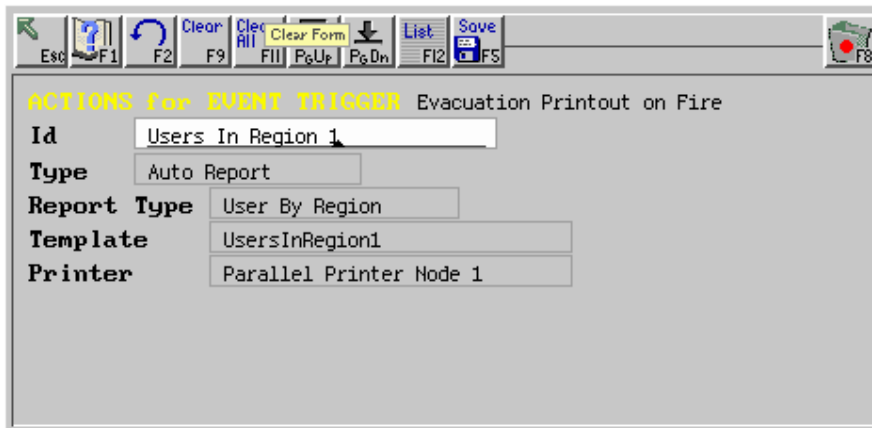
- 1) Select Event Triggering / Triggering by Time.
- 2) If the trigger ID is known type it directly into the highlighted **Trigger Id** field and press enter. If it is not known, click the right mouse button once or press **F4**. A search screen will open displaying available trigger ID.
Select the appropriate trigger ID and click the **select** icon or press **F5**.
The remainder of the fields will be filled in with information about the selected trigger ID.
- 3) To create a new trigger ID record, type an ID for the trigger in the highlighted **Trigger Id** field. A message will appear on screen to notify the trigger ID record is new. Then press enter.
- 4) Select the node used for the time reference.
- 5) In the **Description** field type in a description of the purpose of this event trigger, and then press enter.
- 6) In the **Trigger Type** field click the right mouse button once or press **F4**.
Select the appropriate option from the drop down options menu.
- 7) In the highlighted **Specification** field click the right mouse button once or press **F4**. Depending on the trigger type selected, additional fields will open to allow programming of the time and date specifications.

Trigger Types:

Once the time specification has been set and saved, click on the '**Action**' button to set up the action(s) required. This '**Action**' screen is the same as in **Triggering by Event** and is programmed in the same manner.

- 8) The **Actions** button: Refer to the **Actions** explanation on the next page.

Actions Screen



ACTIONS for EVENT TRIGGER Evacuation Printout on Fire

Id Users In Region 1

Type Auto Report

Report Type User By Region

Template UsersInRegion1

Printer Parallel Printer Node 1

Press **F3** or the **Action** button to bring up the **Action** screen from either the **Trigger by Time** or **Trigger by Event** screens.

There are 3 **Action** types:

Challenger Control Video Control Auto Report

* To display a list of existing actions, press **F4** or the **ID** field, then select it and you will be shown the actions already available. Pressing **F12** will give you a list of all the actions that have been set up for the trigger. (You are able to have more than 1 action for every trigger.)

* To create a new action, type in a unique **ID**, select the action **type** and the subsequent fields that are relevant for the action type will be displayed. Fill these out appropriately and **save**. Continue this for each action required.

1) **Challenger Control:** You must select the **Device**, **Action** and the actual specific device (eg: if you select an input device, you must specify which input). The **Member** or **Member Group** fields are optional. They are used to help narrow down the search for a specific device. The **Challenger** field is also optional and is used to help narrow down the search. If you select the Challenger as a device, the **Challenger** field becomes compulsory.

2) **Video Control:** You must select an **Action** type, then a switcher that you want to perform the function on. If your action type is **Camera to Monitor** or **Camera to Preset**, two other fields will appear which need to be filled out.

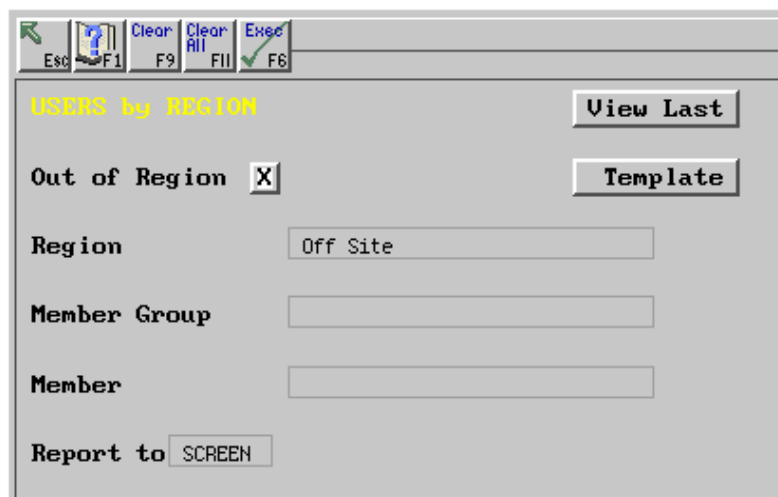
3) **Auto Report:** You must select the report type, printer and template. If the report type selected is either **History**, **Door Activity** or **User on Site**, then a **Period** field will appear. This represents the amount of time in minutes, hours or days (from 1-999) the report will be generated. For example, if you selected 30 minutes for a history report, when the selected event occurs to trigger the action, a history report will be generated using the specified template for 30 minutes up until the event was a trigger. That is, if the event triggered at 9:01am, then the date/time range will be 8:31am to 9:01am. The same applies for hours and days.

APPENDIX: **TEMPLATE FUNCTIONALITY**

There are 7 different reports available that use this template function. They are:

History Door Activity User On Site User Muster Last User Access User by Region

Press **F3** on the **Template** button to bring up the report template screen.



From here you have two options:

- 1) Load a pre-existing template that fills in the fields of the report. This is useful when you do the same report regularly. The only thing needed to be filled out is the date range (if required). Pressing **F4** on the **ID** field will drop down a list of existing templates. Select the required template, press **F6** or **Exec** and the fields will be filled in automatically. Now, press **Esc** to go back to the report and you will see the fields filled in as per your template setup.
- 2) Create a Template. To do this, go back to the report and fill in the fields with the required data (remember, the date information is not used in saving). Once filled out, press **F3** on the **Template** button, type in a unique name (no spaces are allowed) and then save it.

Automatic reports can be generated using these templates. Refer to **Event Triggering** for more details.