

WEINTEK LABS., INC.

Event Log-Statistics

Demo Project

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1. Overview and Operation

Overview

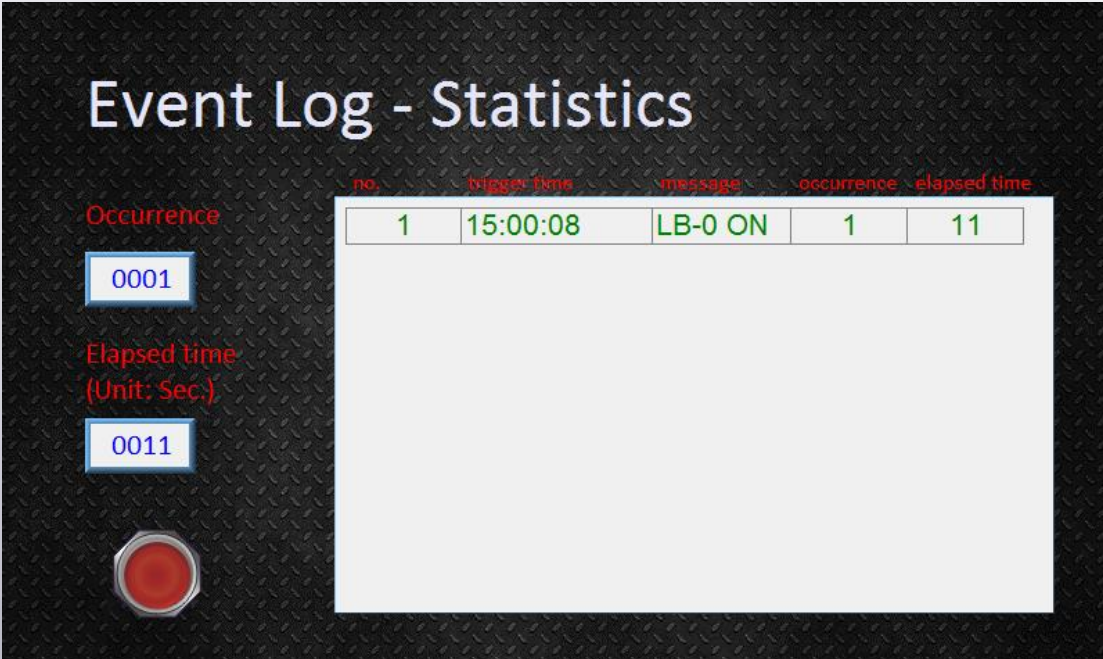
This demo project introduces how to show the occurrence count and elapsed time of the events in Event Display object.

This feature requires EasyBuilder Pro V5.05.01 or later.

Operation

Tap the red button in the lower-left corner, and the Occurrence and Elapsed Time fields will start counting. In the example below, since the event occurs for the first time, the Occurrence field shows 1. Tap the red button again to return the event to normal, and then the elapsed time will show in Event Display. As shown below, the elapsed time counted from the start to the recovery of the event is 11 seconds.

Manually resetting Occurrence and Elapsed Time to 0 is allowed.

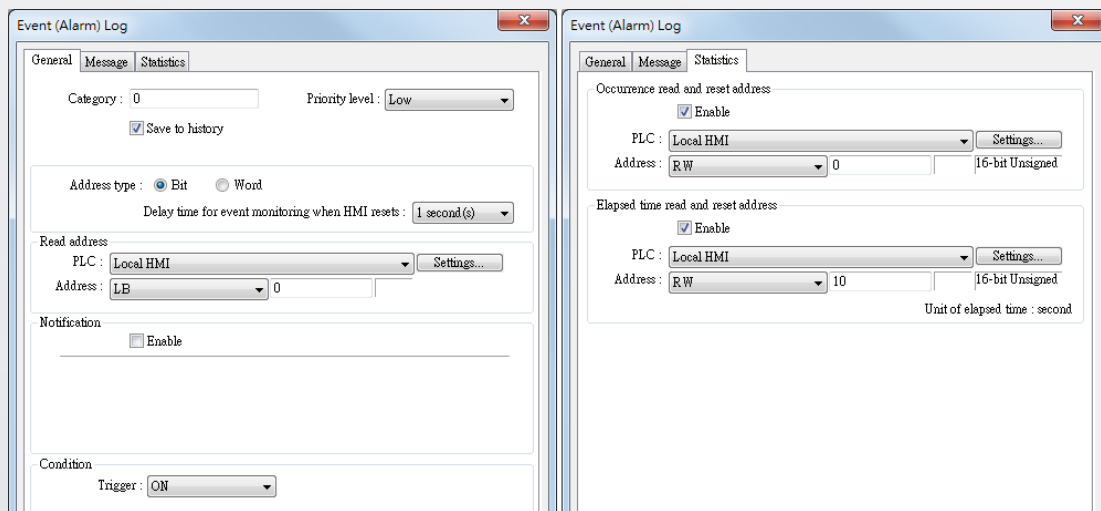


no.	trigger time	message	occurrence	elapsed time
1	15:00:08	LB-0 ON	1	11

2. Setting up the Screen

Step 1. Create an Event Log and add an event. LB-0 is used for [Read address] with trigger condition [ON] in this example. Use RW-0 and RW-10 for Occurrence and Elapsed Time read addresses respectively in Statistics tab.

This example uses recipe RW address, so occurrence and elapsed time will be saved after the HMI restarts.



Step 2. Create two Numeric objects, and respectively use RW-0 to display Occurrence and RW-10 to display Elapsed Time.

Step 3. Create a Toggle Switch object, and use LB-0 to trigger an event.

Step 4. Create an Event Display object, and select display items, including [Occurrence count] and [Elapsed time].

New Event Display Object

General | **Event Display** | Security | Shape | Font | Empty Warning

Include categories : 0 thru 255 (see Event (Alarm) Log object)

Acknowledge style : Click

Max. event no. : 200

Color : ☒ Transparent

Acknowledge : Return to normal :

Select box :

Grid : ☒ Enable Color :

Format : ☐ Time ascending ☒ Time descending

Order & Characters

Display items	Display chars
<input checked="" type="checkbox"/> Sequence no.	0
<input type="checkbox"/> Event trigger date	0
<input checked="" type="checkbox"/> Event trigger time	0
<input type="checkbox"/> Acknowledge time	0
<input type="checkbox"/> Return to normal time	0
<input checked="" type="checkbox"/> Event message	20
<input checked="" type="checkbox"/> Occurrence count	0
<input checked="" type="checkbox"/> Elapsed time	0

Display order

- Sequence no.
- Event trigger time
- Event message
- Occurrence count
- Elapsed time

* If "Display chars" is 0, it means that the system will display all of characters.
 * The column width is equal to "Display chars" multiplied by the width of a 'x'.

Date : Time :

OK Cancel Help