

## Filter the events displayed in Industrial HiVision

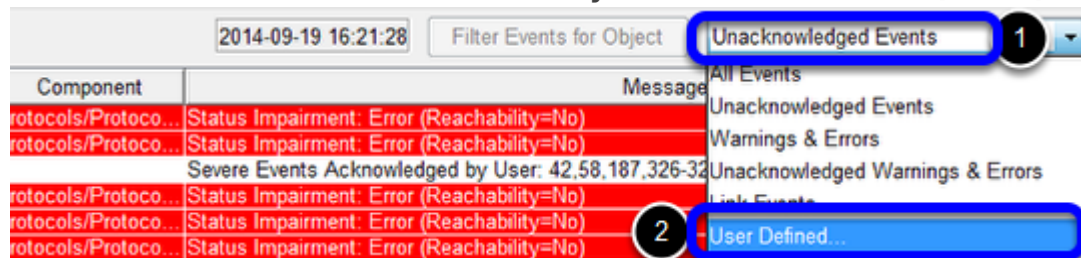
- 2018-02-21 - Industrial HiVision

In this lesson we will see how to acknowledge only a subset of all the events recorded by Industrial HiVision (IHV).

Pre-requisite: IHV is successfully installed and a project is populated.

Let's now suppose we want to filter out all the events coming from 192.168.1.40.

### Create a user defined filter to see only the relevant entries (1 of 2)



By default, IHV shows the unacknowledged events.

We need first to create a filter to highlight only the events coming from 192.168.1.40. To do this, click in the dropdown menu and select 'User Defined'.

### Create a user defined filter to see only the relevant entries (2 of 2)

The 'User Defined...' dialog box contains the following fields:

- ID: in
- Ack.: = No
- Type: Worse Than - All -
- Category: = - All -
- Time: After
- User: =
- Source: = 192.168.1.40 (highlighted with a blue box and a red circle with the number 1)
- Component: =
- Message: =

At the bottom, there are three buttons: OK (highlighted with a blue box and a red circle with the number 2), Cancel, and Help.

Type as 'Source' the ip you want to filter out and click ok

## Acknowledge all the filtered events

Filter Ack. = 'No', Source = '192.168.1.40' 2014-09-19 16:27:19

ck.	Type	Category	Time	User	Source	Component	
<input checked="" type="checkbox"/>	✖	Status Worse	2014-09-19 15:58:19	ITMIL1LT...	192.168.1.40	Protocols/Protoco...	Status Impairment: E
<input checked="" type="checkbox"/>	✖	Status Worse	2014-09-19 15:58:19	ITMIL1LT...	192.168.1.40	Protocols/Protoco...	Status Impairment: E
<input checked="" type="checkbox"/>	↑	Status Acknowled...	2014-09-15 14:50:44	ext10131	192.168.1.40	192.168.1.40	Status Change Ackn
<input checked="" type="checkbox"/>	↑	Status Better	2014-09-15 14:48:27	ITMIL1LT...	192.168.1.40	Protocols/Protoco...	Status Improvement:
<input checked="" type="checkbox"/>	✖	Status Worse	2014-09-15 13:40:09	ITMIL1LT...	192.168.1.40	Protocols/Protoco...	Status Impairment: E
<input checked="" type="checkbox"/>	↑	SNMP Trap	2014-09-15 12:15:34	ITMIL1LT...	192.168.1.40	192.168.1.40	Reconfiguration by S
<input checked="" type="checkbox"/>	↑	SNMP Trap	2014-09-15 12:15:32	ITMIL1LT...	192.168.1.40	192.168.1.40	Reconfiguration by S
<input checked="" type="checkbox"/>	↑	SNMP Trap	2014-09-15 12:15:14	ITMIL1LT...	192.168.1.40	192.168.1.40	Reconfiguration by S
<input checked="" type="checkbox"/>	↑	SNMP Trap	2014-09-15 12:14:43	ITMIL1LT...	192.168.1.40	192.168.1.40	Reconfiguration by S
<input checked="" type="checkbox"/>	↑	Status Better	2014-09-15 12:14:27	ITMIL1LT...	192.168.1.40	Port 8/Link	Improvement:
<input checked="" type="checkbox"/>	↑	SNMP Trap	2014-09-15 12:14:27	ITMIL1LT...	192.168.1.40	192.168.1.40	Reconfiguration by S
<input checked="" type="checkbox"/>	↑	SNMP Trap	2014-09-15 12:14:27	ITMIL1LT...	192.168.1.40	Port 8/Link	Link is Down
<input checked="" type="checkbox"/>	↑	SNMP Trap	2014-09-15 12:14:16	ITMIL1LT...	192.168.1.40	Port 8/Link	Link is Up
<input checked="" type="checkbox"/>	✖	Status Worse	2014-09-15 12:13:14	ITMIL1LT...	192.168.1.40	Port 8/Link	Status Impairment: E
<input checked="" type="checkbox"/>	↑	SNMP Trap	2014-09-15 12:13:14	ITMIL1LT...	192.168.1.40	192.168.1.40	I am the new STP R

Right-click context menu options: Acknowledge, Acknowledge All

Now that you have all the relevant events, go in the Event List and press Ctrl+A and then right click, 'Acknowledge all'

## Back to 'Unacknowledged Event'

Component	Message
	Severe Events Acknowledged by User: 43,57,65,184,264,324,393,395
Protocols/Protoco...	Status Impairment: Error (Reachability=No)
Protocols/Protoco...	Status Impairment: Error (Reachability=No)
	Severe Events Acknowledged by User: 42,58,187,326-327,388-389
Protocols/Protoco...	Status Impairment: Error (Reachability=No)
Protocols/Protoco...	Status Impairment: Error (Reachability=No)
Protocols/Protoco...	Status Impairment: Error (Reachability=No)

Switch back to 'Unacknowledged Event' to show all the events except the ones related to 192.168.1.40. Please notice that you will see an entry in the events saying that multiple events have been acknowledged.

Please notice that the events cannot be deleted from an IHV project.