

## Enhanced Action Pattern - Network Trouble

### NT - Network Trouble



Masked

1. **SET:** @COUNT = SELECT (SELECT COUNT(\*) FROM CLOG{0} WHERE STCODE="NT" AND EVTYPE IN (0, 1, 9) AND SERIALNO={ME} AND LOGDATE >= DATEADD(MINUTE,-60,GETUTCDATE())) + (SELECT COUNT(\*) FROM CLOG{1} WHERE STCODE="NT" AND EVTYPE IN (0, 1, 9) AND SERIALNO={ME} AND LOGDATE >= DATEADD(MINUTE,-60,GETUTCDATE()))
2. **LOG:** NUMBER OF NETWORK TROUBLE EVENTS IN THE LAST HOUR: @COUNT
3. **IF** @COUNT >= 5
4. **ESCALATE** TO SAME CUSTOMER WITH EVENT \*W, AREA =, ZONE =, FORCE CLOSE ORIG. ALARM WITH RES. CODE AC
5. **ELSE**
6. **CLOSE** ALARM WITH RESOLUTION AU
7. **END IF**

The query is as follows:

```
SELECT (SELECT COUNT(*) FROM CLOG{0} WHERE STCODE="NT" AND EVTYPE = 1 AND SERIALNO={ME} AND LOGDATE >= DATEADD(MM,-60,GETUTCDATE())) + (SELECT COUNT(*) FROM CLOG{1} WHERE STCODE="NT" AND EVTYPE = 1 AND SERIALNO={ME} AND LOGDATE >= DATEADD(MM,-60,GETUTCDATE()))
```

Additionally, this requires CanCancel Programming for the event. and Post Processing to catch the Runaway.

put area	Output Zone	Output Sensor	Point ID	Commands
=	=	=		CanCancel(NR,*,60,Yes)
=	=	=		Cancel()

#### Post Processing

Q

Event	Zone	Action ID
OP	5	POST
CL	5	POST
NT	*	NT



#### Additional Notes:

- You will need to type this into your action patterns.
- Select and Case statements are found under Logic.
- Remember, when you open any IF statement you must always close it with an END IF.
- CLOG{0} = This month
- CLOG{1} = Last month
- EVTYPE = EVENT TYPE
  - 1 = Alarm
  - 0 = Signal
  - 9 = Ignored Signal
- {ME} = The current customer account.
- STCODE = The output event code in the customer activity log.
- {DU} = Event Date/Event UTC Date/Time
- All Script messages (items with the curly brackets) are available in the Quick Reference guide called Script Messages.