# Create a Global Alarm

The goal is to activate an output no matter what alarm is active. We want to check if ANY alarms are active so that one does not have to check the alarm status for every tag.

There is no immediate solution to a request like a "Global Alarm Status".

The easiest way is to monitor the rt_alm.txt file (equivalent to the "Alarm Summary" page) and if it's not empty, that means alarm(s) is(are) present(s).

This could be done by script with the following:

```
test_Alarms:
CLOSE 1
OPEN "exp:$dtAR" FOR TEXT INPUT AS 1
A$ = GET 1
B$ = GET 1
CLOSE 1
IF B$<>"" THEN
PRINT "GLOBAL ALARM is present"
ELSE
PRINT "No global alarm"
ENDIF
END
```

Every GET (in text) on exportBlocDescriptor reads one line, then if the second line is not empty, that means "global alarm".

Now, put the right action when alarm occurs, call the test every x seconds (and don't forget to handle your global action only one time).

# Revision

## Revision History

| Revision Level | Date | Description |
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