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Title-Radwin Alarms– alarm persistence	
Made By: AB 21/09/15	(Issue 2)

Radwin data logger alarms - Explanation of alarm persistence

Persistence is the number of times 'N' that an active alarm condition is satisfied during the last 'R' samples before the alarm is reported.

N=R means the active alarm condition must be satisfied during the last R samples (e.g at a sample rate of 15 minutes then in 30 minutes R=2)

1 out of 1 will report an alarm as soon as the condition occurs
2 out of 2 will report an alarm if the condition occurs for two consecutive readings
3 out of 3 will report an alarm if the condition occurs for 3 consecutive readings

N<R means the active alarm condition must be satisfied in any N out of R samples:

1 out of 4 will report an alarm if the condition occurs once in any 4 consecutive readings.
2 out of 4 will report an alarm if the condition occurs twice in any 4 consecutive readings.

And so on.

Document History:

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