
Question

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Interoperability Alerts - routing and aggregating

Alerts are automatic notifications triggered by specified events or thresholds being exceeded.

[InterSystems Documentation](#)

I have a Business Service connected to a machine with 400 sensors. BS receives sensor values once a second.

Several conditions determine if a Business Service should raise an alert (it's a list of: sensor id > threshold).

I have three questions:

1. Should I write these conditions as a business rule and call this rule from the Business Service, and if the rule returns 1 call SendAlert? Or is there some other way to do that?
2. Business Rule returns a reason for the rule evaluation result but is it possible to return all reasons (i.e., Sensor001 > 100 and Sensor017 < 1) and not only the first one?
3. Is it possible to group alerts, for example, to get all alerts arrived in a minute, combine them into one message and send that?

[#Interoperability](#) [#InterSystems IRIS](#)

Product version: IRIS 2021.1

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