

Issue Severity:



High: Act immediately



Medium: Bosch Security Systems strongly recommends you take the action(s) described below.



Low: Advisory

Products Affected:

- FPA-1000-UL/-LC/-LT, using Class A wiring

1.0 Issue

The FPA-1000-UL fire alarm control panel may fail to report an alarm condition within the time period specified in UL 864. **This can occur when:**

- The panel is used in systems using class A wiring on the Signaling Line Circuit;
- The number of devices per loop exceeds 50 initiating devices, with each relay module counted as 3 devices;
- The class A wiring loop is broken; **and**
- An alarm condition occurs while the system is rebuilding the loop.

If this occurs, the panel may not trigger its built-in audible siren or report an alarm condition to the central monitoring station within 210 seconds.

2.0 Resolution

Determine the number of devices you have installed on each system. Note that relay modules should be considered as 3 devices for this calculation.

If you have installed systems using class A wiring with less than 50 initiating devices per loop, the system will operate within UL parameters and there is no further action on your part with this system.

If you have installed systems using class A wiring with **more than 50** initiating devices per loop:

1.1.1 Modify your central station automation software procedures to instruct your central station operators to treat SLC trouble conditions as a high priority event.

1.1.2 Upon receiving a SLC trouble report, you should immediately contact building occupants and instruct them to inspect their facility for the trouble condition and a possible fire condition. If you are unable to contact the building occupants, you should dispatch the fire department to the site.

Contact Bosch to request a panel software update when it becomes available. To request this update, contact James Judson at 585-678-3146 or e-mail james.judson@us.bosch.com.



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