

Major Events – Corrective Actions

When the island encounters a major event:

- The fieldbus and service ports are not activated.
- No avatars are activated, including the System avatar.
- All power modules and I/O modules are in the device Fallback state.
- A cycle of the control power is required to exit a major event state.

The following scenarios cause the island to encounter a major event:

Major Event	Diagnosis	Corrective Action
Control Voltage exceeds 150%	The voltage was over 150% for longer than the allowed duration	Verify that the power supply voltage is within range.
Control voltage exceeds 120% for 2 s	The voltage was over 120% for longer than the allowed duration of 2 seconds consecutively	Verify that the power supply voltage is within range.
Bus Coupler Internal Device Event	The LED is red, and Fieldbus communication is not working on the Bus Coupler	Cycle power. If the problem persists, contact the next level of support.