



EST3: 3-SDU V3.72 will not map

Introduction

This technical bulletin is to inform you of an issue you may experience with 3-SDU version 3.72 when mapping a Signature signaling line circuit (loop) and how to resolve it.

Issue

3-SDU version 3.72 will not allow you to upload the map if there are unprogrammed device alarms on the loop during initial startup and the loop controller microcode is version 3.71. The unprogrammed device alarm causes the loop controller to remain in “Map pending” and prevents the 3-SDU from uploading the map.

Previous versions of the 3-SDU did not have this issue.

Solution

This issue will be resolved in an upcoming release of loop controller microcode. Until then, to properly add or configure devices on the loop if they generate an unprogrammed device alarm:

1. Locate the active device.
Typically, the device is a shorted input module (e.g., closed gatevalve or a pulled pull station). In some cases the device may be a detector.
2. If the device is an input module, disconnect the wires on its input to cause a trouble condition. Trouble conditions do not prevent mapping. If the device is a detector, remove it from its base.
3. Upload the map. Once the proper device configuration is downloaded and the map resolved, you may connect the field wiring.

You can also use the “Disable Mapping” feature of the SDU Tools, as follows:

1. Disable mapping on the loop controller using the SDU Signature Series Status/Diagnostics Functions/Settings Mapping Disabled selection.

2. Monitor the Mapping Progress screen of the Status/Diagnostics tool to verify that the number of serial numbers found and communicating reflects the expected number of devices (should be the number of previously programmed devices plus the additional new devices you placed on the loop).
3. Upload the map from the loop controller. This map should indicate the previously configured devices, plus the addition of the devices added to the loop (in RED). You may accept the new devices.
4. In the Cabinet Configuration, modify the new devices for the desired type.
5. Compile your rules with the new device information, Database convert and download your new database(s) to the system.
6. Monitor the loop controller using the Status/Diagnostic tool, and be sure the number of Serial Numbers Found and Communicating match in the Mapping Progress tab. At this point you should not have an "Unprogrammed Device" alarm.
7. Enable mapping using the SDU Signature Series Status/Diagnostics Functions/Settings Mapping Enable selection, and allow the loop controller to map.
8. Resolve any map faults as usual.

Contacting support

GE
Security
8985 Town Center Parkway
Bradenton, FL 34202
T (800) 655-4497
F (866) 226-2126
E est.techsupport@ge.com