Technical Bulletin
Cellular Connectivity Enhancement Firmware

BOSCH
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Issue severity

☐   High. Act immediately

☒   Medium**.** Bosch Security Systems strongly recommends you take the action described below.

☐   Low**.** Advisory

Products affected

▶ B444 Cellular Communication Modules
▶ B444-V Cellular Communication Modules
▶ B444-A Cellular Communication Modules

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Issue

In a small number of occurrences, cellular communications between the B444/B444-V cellular communication module and the Verizon network may be disrupted.

Additionally, discontinuance of the AT&T 3G network (expected in February 2022) may cause connectivity issues between the B444-A cellular communicator and the AT&T LTE network.

Resolution

Bosch has released new product firmware updates to address these and other cellular connectivity issues. This firmware includes the following important improvements:

- **Improved connectivity to the Verizon network**
  This firmware release improves the management of the Verizon APN when using the B444-V or B444 Cellular Communicators. This will enhance and improve connection reliability.

- **Update to the B444-A Cellular Communicator**
  This firmware release configures the B444-A to ensure that LTE connectivity is not disrupted when the AT&T 3G network is discontinued.

- **B450 Modem Reset value will no longer be overwritten by the control panel**
  Previously, it was possible for a B Series or G Series control panel to overwrite the Modem Reset value from the default value of "5" to a value of "0." This can cause a connectivity issue if the B450 module is subsequently used on legacy panels (GV4 or earlier, FPD-7024, etc.). This fix is contained inside the B450 firmware file.

It is strongly recommended that customers update their equipment to run this new firmware in any device using a B444, B444-V, or a B444-A cellular communicator. Instructions for installing firmware updates are contained in the product-related installation instructions. The firmware files are available for download at:
www.boschsecurity.com
The specific device firmware versions are hyper-linked in the table below.

Product	Firmware version
B9512G/B8512G	V3.11.530 V3.11.530 SHA
B6512/B5512/B4512/B3512	V3.11.530 V3.11.530 SHA
B465	V2.11 using RPS V2.11 using USB Terminal
B450	V3.11