

Absoluta Plus 4.20.19

B094 – MICROCHIP

VERSION HISTORY

✓ **4.20.19** (23-08-2024)

- Panel 4.20.19 Update
- ABS-IP 2.00.10
- BW-PGH HOST 1.00.27
- BW-PGH MODEM 2.038
- Language File K_DEF

Bug fixes:

- Recovered the automatic restart of ABS-GSM after its programming change.

Note:

- Update package without the ABS-GSM firmware, no longer required in case of installation with ABS-LTE. For installations with ABS-GSM, and if you need to update this module to the latest 3.00.11, please use the 4.10.44 package still available in the same Technical Library page and then update to the 4.20.19
- This firmware version confirms the increase from 5 to 15 minutes of delay before signaling the IP Remote Server fault of ABS-IP on the keypad.

WARNING

Moving from version 4.10.44 or older, the panel firmware upgrade enabling the ABS-LTE support requires that it is performed before the ABS_LTE installation.

To configure the panel updated to this firmware version with the BOSS it is required that also the BOSS is updated by using the Driver Packs for panels 4.20 available in the dedicated area of Technical Library.

✓ **4.20.18** (08-07-2024)

- Panel 4.20.18 Update
- ABS-GSM 3.00.11
- ABS-IP 2.00.10
- BW-PGH HOST 1.00.27
- BW-PGH MODEM 2.038
- Language File K_DEF

Changes and Optimizations:

- Added the management of ABS-LTE

WARNING

The panel must be updated before the ABS_LTE installation

- Increased from 5 to 15 minutes the delay before signaling the IP Remote Server fault of ABS-IP on the keypad.

✓ 4.10.44 (18-07-2023)

- Panel 4.10.44
- ABS-GSM 3.00.11
- ABS-IP 2.00.10 Update
- BW-PGH HOST 1.00.27 Update
- BW-PGH MODEM 2.038
- Language File K_DEF

Bug fixes and minor changes:

- Fixed the possible temporary loss of the panel communication with the BW-PGH by the new firmware version BW-PGH HOST 1.00.27.
The Panel change to 4.10.44 is functional only to track the update of BW-PGH HOST in this firmware package, there is no panel different functionality compared to previous 4.10.43.
- Third party integration protocol on ABS-IP. Fixed the issue about management of panel full zones on the ABS-18, ABS-48 and ABS-128 versions.

✓ 4.10.43 (2021-11-08)

- Panel 4.10.43 Update
- ABS-GSM 3.00.11 Update
- ABS-IP 2.00.09
- BW-PGH HOST 1.00.26
- BW-PGH MODEM 2.038
- Language File K_DEF

Corrections and Optimizations:

- Improved the reliability of communication between panel and BW-PGH.
- Made more responsive the BPI data exchange between panel and M-Touch keypad.
- Sped up of data transmission to the server avoiding User App disconnections.
- Fixed the issue of possible panel restarts.
- USB drive optimization extending the support to additional memory sticks.

Bug fixes and minor changes:

- Fixed minor issues.

✓ 4.10.20 (2021-04-23)

- Panel 4.10.20 Update
- ABS-GSM 3.00.10
- ABS-IP 2.00.09 Update
- BW-PGH HOST 1.00.26

- BW-PGH MODEM 2.038
 - Language File K_DEF
- Update*

Corrections and Optimizations:

- Optimizations of operation with touch screen keypads:
 - resolved occasional problems of information asynchrony
 - increased speed and responsiveness to commands with the Panel
- Fix of some cases about missed autobypassable behavior for sensors during arming
- Fixed User App disconnection with some mobile devices
- Optimization of communication between Panel and BW-PGH wireless receiver
- Update for compatibility with the ITV2 integration protocol

Bug fixes and minor changes:

- Fixed minor issues.

✓ **4.10.07** (2021-02-09)

- Panel 4.10.07
- ABS-GSM 3.00.10
- ABS-IP 2.00.08
- BW-PGH HOST 1.00.26
- BW-PGH MODEM 2.038

New features:

- Support for M-TOUCH keypad FW Version 2.10. Added the following features:
 - support for zones 105-128, with complete management for each zone (status, fault, tampering, exclusion, graphic maps);
 - support for all new events and faults coming from the PowerG devices (tampering, fault, low battery, supervision);
 - configurable display of indoor and outdoor temperature reported by PowerG devices that support this functionality;
 - implementation of the possibility of rapid activation of outputs and scenarios without the need for authentication via user code.

Bugfixes and minor changes:

- Fixed minor issues.

Please Note:

- Absoluta 4.10 will only be compatible with version 2.10 of M-Touch keypad.

	ABS-PLUS 4.00 Grade 2	ABS-PLUS 4.10 Grade 2
M-Touch 2.02	√ *Limited to 104 zones	X
M-Touch 2.10	√ *Limited to 104 zones and without Features of Version 2.10	√

✓ **4.00.41** (2020-10-20)

- Panel 4.00.41
- ABS-GSM 3.00.10
- ABS-IP 2.00.08
- BW-PGH HOST 1.00.26
- BW-PGH MODEM 2.038

Bugfixes and minor changes:

- Wireless PowerG zones are immediately updated with no further delays during programming.
- Added full support to BW-IO with 2 Inputs and 2 Outputs.
- Added further feedback on BW-RCH radio key in case of faults on the panel.
- Strengthened the stability and reliability of information for devices registered on the BPI.
- Align the Wireless zone labels with the relevant Wireless device.
- It is now possible to enable / disable proximity tags from user menu 2.9
- Expand information based on system events on LCD keypads.
- PGH self-enabling (if connected to the panel during the factory default restore procedure).

✓ **4.00.31** (2020-08-06)

ATTENTION: use only with ABSOLUTA PLUS control units for the purpose of updating the ABS-IP and ABS-GSM plug-in modules:

- **Firmware update for ABS-IP card:** through this update it is possible to update the ABS-IP card to version 2.00.08.
- **Firmware update for ABS-GSM card:** through this update it is possible to update the ABS-IP card to version 3.00.10.



BENTEL
SECURITY

PREREQUISITES

- USB pen drive
- Download v041043.zip (available on <http://www.bentelsecurity.com/index.php?n=library>)
- Unzip the file into your USB pen drive in order to get the following folders:
 - K_FW
 - KST_FW(i.e. if the USB pen drive is **E:** , then you should verify if the folders **E:/K_FW** and **E:/KST_FW** exist)
- ABS-GSM board plugged in and configured as “Present” (in case of GSM support required)
- ABS-IP board plugged in and configured as “Present” (in case of IP support required)

FIRMWARE UPGRADE 4.10.43

1. Plug the USB pen drive in the Absoluta USB slot
2. Go to Installer Menu **1.7**, enable “**LEVEL 4**” pressing “ON”
3. Exit from Installer menu
4. Login with “**LEVEL 4**” user : press **B** and Level 4 PIN
5. Go to Menu **1.4** “**UPGRADE ABS**”, press “**ENTER**”, then on “**USB -> FW**” press “**ENTER**” again.

Please wait during firmware upgrade procedure.

WARNING!

- The panel could restart more than once.
- Please don't unplug the USB pen drive till you can see the “**Bentel Absoluta**” label on the second line of LCD screen.

To verify the success of Firmware upgrade procedure, please check:

- A. The following message in User or Installer menu: “**PROGRAM RESTART**”;
- B. The following events in the buffer: “**FW UPGRADE REQ.**”, “**FW UPGRADE DONE**”;
- C. The firmware version in Installer menu **3.2**.