

Absoluta 3.60.33

VERSION HISTORY (> 2.10)

✓ 3.60.33 (2024-10-25)

Bugfix:

- Fixed the ABS-LTE that is wrongly always connected to the server, resulting in the not required data exchange over the cellular network.

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 3.60.28 package still available in the same Technical Library page and then update to the 3.60.33.
- 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 3.60.28 or older, the panel firmware upgrade enabling the ABS-LTE support requires that it is performed before the ABS_LTE installation.

✓ 3.60.32 (2024-08-30)

Bugfixes and minor changes:

- Added the keypad indication about the cellular technology (4G or 2G) used by ABS-LTE.
- Fixed the wrong indication of 4G signal strength on the keypad and on the BOSS status page.

WARNING

Moving from version 3.60.28 or older, the panel firmware upgrade enabling the ABS-LTE support requires that it is performed before the ABS_LTE installation.

✓ 3.60.31 (2024-08-22)

Changes:

- Increased from 5 to 15 minutes the delay before signaling the IP Remote Server fault of ABS-IP on the keypad.
- Firmware update package without ABS-GSM.

✓ **3.60.30** (2024-07-08)**Changes:**

- Added the management of ABS-LTE
WARNING
The panel must be updated before the ABS_LTE installation.

✓ **3.60.28** (2022-01-19)**Bugfixes and minor changes:**

- **ABS-IP board firmware upgrade:** ABS-IP board firmware now supports an additional range of MAC addresses. N.B.: ABS-IP boards produced after 2019-04-30 with native 2.00.08 firmware version do not support downgrading to previous firmware versions.
- **ABS-GSM board firmware upgrade 3.00.11:** the GPRS connection is now aborted if not active for longer than 105 minutes, so avoiding wrong signaling of faults when the panel restarts sending events.

✓ **3.60.27** (2018-02-01)**Bugfixes and minor changes:**

- **Improved Time Synchronization with Absoluta Server:**
 - better *round trip* time estimation;
 - reduced number of events in LOG

✓ **3.60.24** (2017-09-08)**New features:**

- **EN50131 and EN50136 regulation update; ABS-GSM updated with Anti-Jamming support** on GSM with new SIM800F module
- **Automatic date/time update** by cloud or Surgard receivers
- **Daylight saving time notification** can be disabled by keypad
- **“Loss of clock” fault event added in events/actions management**
- **Zones AND time option added** with programming for each single partition
- **Possibility to enable/disable EN50131 features from keypad wizard**
- **New Absoluta App 2.3 support** with forceable Arming in case of faults and auto-bypassable zones
- **Push notifications support improved:** partitions filter added
- **Keys and Keyreaders management improved** to enable home automation/ACL features

Bugfixes and minor changes:

- **Fixed minor issues.**

✓ **3.50.82** (2016-06-16)

Bugfixes and minor changes:

- Fixed minor issues.

New features:

- Added feature “Log for active zones when a real time action is programmed”

✓ **3.50.72** (2015-07-31)

Bugfixes and minor changes:

- Improved the integration with the new BAW35T12, BAW50T12 and BAW75T12 power supplies by ensuring the prompt detection of the AC fault.
- Improved the behavior with Absoluta App for “partition status” feature.
- Updated the language strings: minor changes for some European languages.
- Fixed minor issues.

New features:

- Added the full support to M-Touch 2.00 allowing the use of the new of graphical maps feature.

✓ **3.50.66** (2015-02-24)

Bugfixes and minor changes:

- Improved LCD keypads exit time sound management.
- Improved entry time management on touch keypads in case of multiple partitions: now it shows the shortest time left before a partition alarm.
- Improved battery performance test management.
- Improved installer menu for GSM and IP management.
- Improved installer menu for panel service mode entering.
- Minor bug fixes

New features:

- Absoluta APP 2.2 integration.

✓ **ABS-IP 1.0.17** (2015-02-24)

Bugfixes and minor changes:

- Change of an ITV2 integration protocol command.

✓ **3.50.62** (2014-08-26)

Bugfixes and minor changes:

- Improved BPI management
Improved BPI management for noise rejection over the bus.

- **Minor bug fixes**

✓ **3.50.56** (2014-06-30)

New features:

- **ITV2 support**
Added support for third party devices integration (ITV2 protocol) on ABS-IP serial port (pc-link).

Bugfixes and minor changes:

- **Remote server management improvement**
Improved management of remote server on ABS-IP with some routers and ADSL providers.
- **Time filtering added**
A 5 minutes time filter has been added on ABS for the “Remote Server Fault” caused by temporary ADSL line problems.
- **Minor bug fixes**

✓ **3.50** (2014-03-24)

New features:

- **Support for the ABS-IP board**
The panel now includes ABS-IP integration in Absoluta system.
- **Events notification with e-mail**
When the ABS-IP is used the panel can be programmed to send e-mails to different addresses according the type of event.
- **IP/GPRS support for APP**
Panel provides support for new APP over IP or GPRS, including push notifications to mobile devices.
- **IP teleservice between BOSS and Absoluta**
Panel provides remote connection with BOSS using ABS-IP.
- **ITV2 protocol**
Panel has a gateway for third part integration implemented over ABS-IP board providing ITV2 protocol over IP connection.
- **Abs-IP plugIn FW update**
Panel and BOSS manage ABS-IP FW update as already done with ABS-GSM.
- **Smart SMS**
Panel provides the ability to build automatically SMS for SMS actions programmed in event/action for some categories of events and add timestamp to any SMS sent.
- **Duplicated PIN**
Panel has improved management of duplicated PINs in case of random PIN disabled.
- **Extended function for Patrol Code**
Panel allows to a patrol code to enter in a devoted menu.
- **Monostable command zones**
Panel adds a monostable behavior for command zone in order to switch partition arming status.
- **Wireless Delinquency**
Panel manages wireless detector delinquency for EN50131 requirements (blocking conditions).
- **New event for keypad menu “request service”**

Panel changes behavior of keypad menu “request teleservice”.

Bugfixes and minor changes:

- **PSTN Modem support removed**
The modem communication via PSTN channel is no more supported.

✓ **3.00** (2013-09-06)

New features:

- **M-Touch Touchscreen keypad support**
It is possible to connect to the BPI Bus the number of the new M-Touch Touchscreen keypads allowed by the model of the control panel. **From this version the LED keypads are not supported anymore.**
- **Improved Audio**
Memory of messages increased from 32Mb to 128Mb and the audio compression has been removed to have a better audio quality.

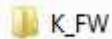
WARNING: This new feature is linked to the new hardware 3.0; this means that doing a firmware upgrade to 3.0 on the previous hardware board, this feature won't be available.

- **Integration with SurGard IP Receivers**
It is possible to send GPRS messages via Fibro Protocol to 2 receivers with different ways of management: primary/backup or redundant receivers.
- **32 SMS incoming SMS managed**
Up to 32 incoming SMS can be stored and displayed on the keypad (LCD and Touchscreen).
- **New steps in keypad programming**
Partitions on keypads and key readers.
- **Voice messages with built-in labels**
Voice messages now incorporate the description when saved with USB or BOSS software.
- **Improved logic for call attempts**
In case of voice or digital calls and SMS at the same time, the improved smart logic allows to minimize the total time of the operation.
- **3 new supported languages**
3 new languages have been added, so that Absoluta can now support 9 different languages: Italian, English, Spanish, Portuguese, French, German, Dutch, Swedish, Danish.
- **New events supported**
 - *Refused arming for keyfob;*
 - *Refused arming for command zone.*
- **Arming memory auto-reset on keypads and key readers**
- **10 last second of exit time indication**

Firmware Upgrade to Absoluta 3.60.28

PREREQUISITES

- USB pen drive
- Download v036028_G2.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 folder:



(i.e. if the USB pen drive is **E:** , then you should verify if the folder **E:/K_FW** exists)

- ABSOLUTA 3.50 or older versions
- 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 3.60.28

1. Plug Usb pen drive in 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 one time.
- In case of mismatch issues between ABS GSM and/or ABS IP cards and panel (error message "FW mismatch" on keyboard and log), you should upgrade the panel, with GSM and/or IP cards installed, to the latest available firmware.
- Please don't plug out the USB pen drive till you 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**.