BTM STUDIO & BSP download guide

Rev. 1.0, 12th October 2023

Preliminary information

- BTM Studio is a software suite that includes the following applications:
    - BTM-PC-IDE
    - BTM-PC-CLIENT
    - BTM-PC-RUNTIME
  For more information about BTM Studio see the relevant user manual

- The BSP is the firmware version of your device. To check the BSP version, access the System settings of your device and go to Management.
  For more info about how to access system settings click here

BTM STUDIO versions and the supported devices

BTM STUDIO VERSIONS	SUPPORTED DEVICES

		WCE	BTM-T15-24 BTM-T10-24 BTM-T7-24 BTM-T7-SMA BTM-T4-24 BTM-T4-SMA
Version **4.0** download link	4.0 ONLY		
	4.0 ALSO	BSP 1.0	BTM-T15-PLUS BTM-T10-RSE BTM-T7-RSE — XAP
Version **4.5** download link	4.5 ALSO	BSP 3.1	BTM-T15-PLUS BTM-T10-RSE BTM-T7-RSE — XAP

A PC can run multiple BTM STUDIO versions
BTM Studio 4.5 is compatible only with Linux based system with BSP 3.1 onwards.

The last supported BSP download table

Please find below the table of the last updated BSP of the Linux based devices

Device code	Last supported BSP for BTM Studio 4.0		Last supported BSP for BTM Studio 4.5	
BTM-T15-PLUS	UN65-1.0.756	USB_autoupdate_link	UN65-3.1.110	USB_autoupdate_link
BTM-T10-RSE	UN60-1.0.808	USB_autoupdate_link	UN60-3.1.110	USB_autoupdate_link
BTM-T7-RSE	UN60-1.0.808	USB_autoupdate_link	UN60-3.1.110	USB_autoupdate_link
XAP10RSEXX	UN70-1.0.699	USB_autoupdate_link	UN60-3.1.110	USB_autoupdate_link

If the USB ports of your devices are not accessible and you need to perform a BSP update please contact your reference sales support person.

How to perform a BSP update using a USB

Preliminary notes before starting:
- This procedure is valid only for BSP upgrade, BSP downgrade is not possible with the procedures described below. We do not guarantee the possibility to perform a BSP downgrade for all the devices.
- Download and save your BTM or XAP projects
- The device update may perform a factory reset of the device
- Access the System Settings> Services to check if "Autorun scripts from external storage" service is active in the device
- You need the use of a USB Flash drive FAT32-formatted and empty

1. Download the USB autoupdate package.

Make sure the downloaded package is for the correct device model, the use of a wrong version may result in permanent failure of the device

2. extract BSP files from the package and copy them to the root of the USB drive

*If you have changed the default password you need to go in **src** folder, open the **config** file and edit the row*

CFG_ADMIN_PASSWORD="Gav@zzi!2015" *with your password*

4. Power on the device

5. Plug in the USB

6. The device emits one beep when the automatic process starts

7. The device emits three beeps when the automatic process ends

8. Remove the USB

9. Power off and power on the device