

BSP upgrade procedure for HM panels

(BSP = Board Support Package)

Supported devices

HMe, HMx700, HMs700

General information

- Update duration: approx. 5min
- Be sure to make a backup of your device settings and HMWIN project data.
- For BSP version 1.3 or higher, HMWIN Studio 4.5 or higher is required.
- For BSP versions lower than 1.3, HMWIN Studio 4.0 or lower is required.
- When updating from version 1.0.xxx to 1.3.xxx or higher, all data on the device is fully erased. Following the installation, you must transfer the HMWIN Studio project data with the appropriate version of HMWIN Studio and reconfigure the communication settings. If your old password is considered insecure by the password rules of the new version, you need to set a new password.
- Extract the files from the BSP ZIP file to an empty folder before starting the update.

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Using HMWIN Studio

1. Go to **Run > Manage Target**
2. Select the **Board** tab.
3. Click **Folder** to select the folder on your PC containing the unzipped files.
All available components are displayed in the table. You can deactivate unneeded components.
4. Select **Download** to transfer the components to the device.
You have now successfully installed the desired version.

Using a Web browser

1. Unzip the BSP ZIP file.
2. Open your browser and enter the URL `https://[IP address]/machine_config`.
Replace [IP address] with the IP address of your device.
3. Go to **Management**.
To install a component, expand it, select **Update**, drag the files into your browser, and follow the instructions.

Install the components in the following order:

Bootloader (if it is present in the ZIP file) → Config OS → Main OS

For a complete reset, you must then perform the following steps:

- Go to **System Settings > Manage > Settings** and select **Restore**.
As this will reset the network settings to the default settings, the connection could be lost after transmission is completed.
- Go to **System Settings > Manage > Data** and select **Clear** to remove the project data.

Using a USB flash drive (fully automatic)

Requirements:

The format of the USB flash drive must be FAT32.

Go to **System Settings > Services** and make sure **Autorun scripts from external storage** is activated.

1. Copy the contents of the BSP `autoupdate.zip` file to an empty USB flash drive.
2. Connect the USB flash drive to your device and wait until the update process is completed (three acoustic signals indicate the end of the process).

Note that this process resets the system settings including the network settings to factory settings. Therefore, you may be required to update the IP address of your device (especially if a fixed IP address is used). Make sure the computer is in the same network as your device.

Using Corvina

Do not use this method when updating from version 1.0.xxx to version 1.3.xxx or higher because all data on the device will be erased, including the network settings.

For all other updates, you can simply connect to your device via Corvina and follow the update instructions using a Web browser.