

W1002, W2002
Release Notes
System Software 7.5.1

Purpose This document describes new features, changes, and solved problems of **System Software 7.5.1**.

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Guidelines and standards Bintec gateways comply with the following guidelines and standards:

R&TTE Directive 1999/5/EG

CE marking for all EU countries and Switzerland

You will find detailed information in the Declarations of Conformity at www.funkwerk-ec.com.

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1 Important Information

Please carefully read the following information about **System Software 7.5.1** to avoid problems when updating or using the software. Further information related to the software and your device can be found in the manual.

1.1 Validity

System Software 7.5.1 is only for use with the following devices and cannot be used with others:

- **W1002**
- **W2002.**

1.2 Incompatibility

When used on **W1002** or **W2002**, **System Software 7.5.1** changes the operating system from ACE to BOSS.

Configurations created or saved with **System Software 7.5.1** are thus incompatible with earlier versions of our system software since they were created using the ACE operating system.



Note

Please note that your device's configuration will be lost during an update.

Please pay attention to the following notes regarding updates and downgrade options.

1.2.1 Preparation and update

The operating system is automatically changed from ACE to BOSS when updating to **System Software 7.5.1**.

To update, proceed as follows:

Update preparation

1. The file *W1002_boss_s7501.afw* is necessary for updating device W1002, while in the case of W2002 the required file is *W2002_boss_s7501.afw*. In addition, the file *W1002_Blup_LED_SCHEME.w1p* or *W2002_Blup_LED_SCHEME.w2p* is needed to activate the LEDs after updating the respective device.
Make sure that the ComPoint Manager program from Artem and the files necessary for the update are available on your PC.
If the program and/or both files are not available on your PC, enter www.funkwerk-ec.com in your browser.
This will call up the Funkwerk homepage. In the download area of your gateway you will find the program and the necessary files.
2. Install the program on your PC.
Alternatively, you can load the program from the CD-ROM which you received together with your access point.
3. Save both of the files on your PC.
4. Make sure that the access point you would like to update is located in the same network as the PC where ComPoint Manager is installed.
5. Start ComPoint Manager.
ComPoint Manager detects the access points installed on the network and lists them in the main window.
6. In case the device you would like to update does not yet have an IP address, use ComPoint Manager to assign an address from your network using **CONFIGURATION → IP SETTINGS**.
7. Enter the password for the user administrator at **TOOLS → PASSWORD** in case you have not already done so.

Saving the boot configuration

Save the current boot configuration to enable a later downgrade. Proceed as follows:

1. Choose the device with the boot configuration you wish to save from the device list in ComPoint Manager.
2. Select **CONFIGURATION** → **SAVE CONFIGURATION** in ComPoint Manager.
3. Enter the password when requested to do so.
The window **SAVE AS** is called up.
4. Choose the desired folder; the file name can remain unchanged. Click **Save**.
The message "Device configuration successfully saved" is displayed on the screen.
5. Confirm with **OK**.
The configuration is saved in the selected folder.

Updating Perform the update as a firmware upgrade using ComPoint Manager.



If the updating operation is interrupted, this could result in your gateway no longer booting. Do not turn your gateway off during the update.

1. Click the device you wish to update in the device list located in the main window of ComPoint Manager.
2. Select **CONFIGURATION** → **LOAD FIRMWARE**.
3. Click **Select software**.
4. Click **Browse**, choose the folder where the files are stored, and confirm your selection with **OK**.
The desired file(s) are displayed.
5. Choose the desired firmware depending on your device, i.e., *W1002_boss_s7501.afw* for **W1002** or *W2002_boss_s7501.afw* for **W2002**, confirm your settings with **OK** and click **Install firmware**.
ComPoint Manager checks if the chosen firmware is suitable for the device and, if so, installs it on the device.
The serial interface is automatically set to a baud rate of 9600, 8 data bits, no parity, 1 stop bit and no handshake in accordance with the BOSS standard.
The message "The firmware becomes active after a reboot." is displayed.

6. Choose the option "Reboot now (recommended)" and confirm by clicking **OK**.

The device will reboot.



Note

The device launches with the new software and the standard IP address *192.168.0.254*, but without configurations. The LEDs are not active.

Activating the LED

To activate the LEDs, you must load either the file "W1002_Blup_LED_SCHEME.w1p" or "W2002_Blup_LED_SCHEME.w2p" depending on your device.

1. Make sure that your PC is located in the same network as the access point whose LEDs are to be activated. If necessary, assign your PC a suitable (second) IP address via the network settings.

2. Enter the standard IP address of your device, *192.168.0.254*, into a browser.

The browser window is called up.

3. Login to your device with your user name *admin* and the password *funkwerk*, and click *Login*.

This calls up the status page of the **Funkwerk configuration interface**.

4. Make sure to select the correct language (*English*).

5. Click **MAINTENANCE** → **SOFTWARE UPDATE**.

6. In the field **UPDATE MECHANISM**, choose *Local file* and click the **Browse** button.

7. Click the desired file name, for example, *W1002_Blup_LED_SCHEME.w1p* and then click **Open**.

8. Confirm your entries with **Go**.

The message "Router Maintenance. Please stand by. Operation in progress." indicates that the selected file is being loaded onto the device. After the file is loaded, you will see the message "Router Maintenance. Success. Operation completed successfully. The router must be restarted."

9. Click **Reboot**.

The device starts and the LEDs light up. The browser window is called up.

You can now login to you device and configure it.

1.2.2 Downgrade

When downgrading, the operating system is automatically changed from BOSS to ACE.

For this procedure, you need the file *W1002_ace_6_18.w1p* or *W2002_ace_6_18.w2p* depending on the device. Both files can be found at www.funkwerk-ec.com (see "Update preparation" on page 6).



Note

Please note that your device's configuration will be lost during a downgrade. Only the configuration that you saved before the update can be used after a downgrade.



Attention!

If the updating/downgrading operation is interrupted, this could result in your gateway no longer booting. Do not turn your gateway off during a downgrade.

Downgrading

If you want to perform a downgrade of **System Software 7.5.1**, proceed as follows:

1. Enter the IP address of your device into a browser.
The browser window opens.
2. Login to your device with your user name and the password, and click *Login*.
3. Make sure to select the correct language (*English*).
4. Click **MAINTENANCE** → **SOFTWARE UPDATE**.
5. In the field **UPDATE MECHANISM**, choose *Local file* and click the **Browse** button.
6. Click the desired file name, for example, *W1002_ace_6_18.w1p*, and then click **Open**.
7. Confirm with **Go**.

The procedure will take a few minutes. During this time, the message "Router-Maintenance. Please stand by. Operation in progress." is displayed. After the file is loaded, you will see the message "Router-Mainte-

nance. Success. Operation completed successfully. The router must be restarted."

8. Click **Reboot**.

This can take a few minutes. The device starts, the status LED lights up green.



Note

Use ComPoint Manager to find the access point. The browser can no longer be used to access the device.

Loading configurations

If you saved a configuration before updating, you can load it onto your device.

1. Start ComPoint Manager.
ComPoint Manager opens. The tool detects the access points installed on the network and lists them in the main window.
2. Assign your device an IP address from your network. To do so, select **CONFIGURATION → IP SETTINGS** in ComPoint Manager.
3. Choose the device for which you would like to load the saved configuration from the list.
4. Select **CONFIGURATION → INSTALL CONFIGURATION** in ComPoint Manager.
5. Enter the password of the user administrator when requested to do so.
The window **OPEN** is displayed.
6. Select the desired file. Click **Open**.
You will see the message "Install configuration (Version x.xx) on the device (Version x.xx) and reboot?"
7. If the version numbers match, confirm the settings with **Yes**.
The configuration is transferred to the device.
The message "Configuration successfully installed." is displayed.
8. Click **OK**.
You can now use the configuration on the device.