

DIRIS Digiware, B & G



The "Socomec Product Upgrade Tool" is a software that helps you upgrade the DIRIS Digiware, DIRIS B and DIRIS G products.

It enables you to easily upgrade the product's firmware with a computer through an USB cable.

You can download the "Socomec Product Upgrade Tool" and the firmware of all devices below.

[Download Socomec product Upgrade Tool](#)

Firmware

Select the product to download the firmware



[DIRIS Digiware D-30 - Ref 48290200 - v1 4 7 1](#)
[DIRIS Digiware D-40 - Ref 48290199 - v1 0 7 2](#)
[DIRIS Digiware D-50 - Ref 48290201 - v1 3 9 0](#)
[DIRIS Digiware U-10 - Ref 48290105 - v1 3 0 14](#)
[DIRIS Digiware U-20 - Ref 48290106 - v1 1 0 14](#)
[DIRIS Digiware U-30 - Ref 48290102 - v1 3 1 2](#)
[DIRIS Digiware I-30 - Ref 48290110 - v1 3 2 1](#)
[DIRIS Digiware I-31 - Ref 48290111 - v1 3 2 1](#)
[DIRIS Digiware I-33 - Ref 48290128 - v1 1 2 0](#)
[DIRIS Digiware I-35 - Ref 48290130 - v1 3 3 0](#)
[DIRIS Digiware I-43 - Ref 48290129 - v1 0 2 0](#)
[DIRIS Digiware I-45 - Ref 48290131 - v1 2 2 0](#)
[DIRIS Digiware I-60 - Ref 48290112 - v1 1 2 0](#)
[DIRIS Digiware I-61 - Ref 48290113 - v1 1 2 0](#)
[DIRIS G-30 / G-40 - Ref 48290300 / 48290301 - v1 2 27 0](#)
[DIRIS G-50 / G-60 - Ref 48290302 / 48290303 - v1 1 31 0](#)
[DIRIS B-30 RS485 - Ref 48290000 - v1 2 4 0](#)
[DIRIS B-30 RF - Ref 48290002 - v1 2 4 0](#)

1. Download the software and firmware on the SOCOMEC website.	3
2. Install the software and drivers.	5
3. Connection with the USB cable	8
4. Updating Products	9
4.1. DIRIS Digiware I-35	9
4.2. Gateway DIRIS G-40 + RS485 Modbus Communication module. . .	12

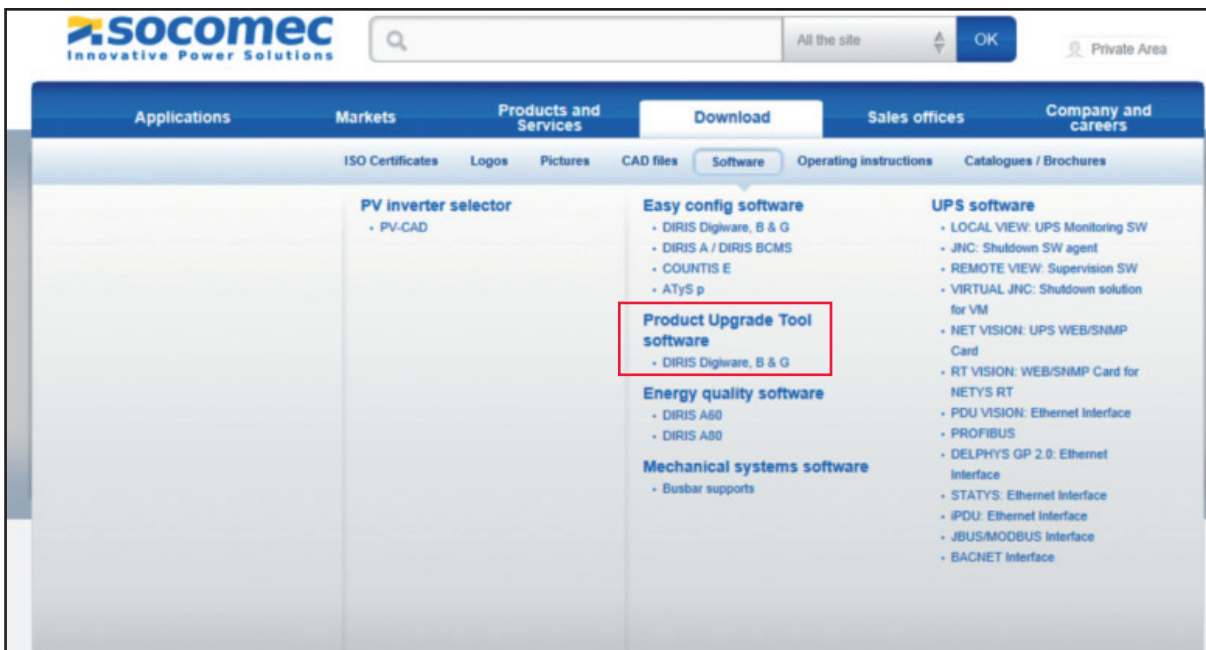
This document explains how to update all DIRIS Digiware equipments.

The example will show below how to update a gateway DIRIS G-50, a Modbus RS485 option module and a DIRIS Digiware I-35 module.

1. Download the software and firmware
2. Install the software and drivers
3. Connection with the USB cable
4. Updating equipment

1. Download the software and firmware on the SOCOMEC website

To download the software and firmware, access to the website www.socomec.com and choose the menu “Download” / “Software” and click on the software “Product Upgrade Tool Software - DIRIS Digiware”



Note: The website refers and the latest versions are always present there.

To download the software, click “Download Socomec Product Upgrade Tool”

To download firmware, choose the .zip of the concerned product. Example: in our case it will download the software and firmware of DIRIS Digiware I-35, U-30, G-50 and D-50:

DIRIS Digiware, B & G



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[Download Socomec product Upgrade Tool](#)

Firmware

Select the product to download the firmware



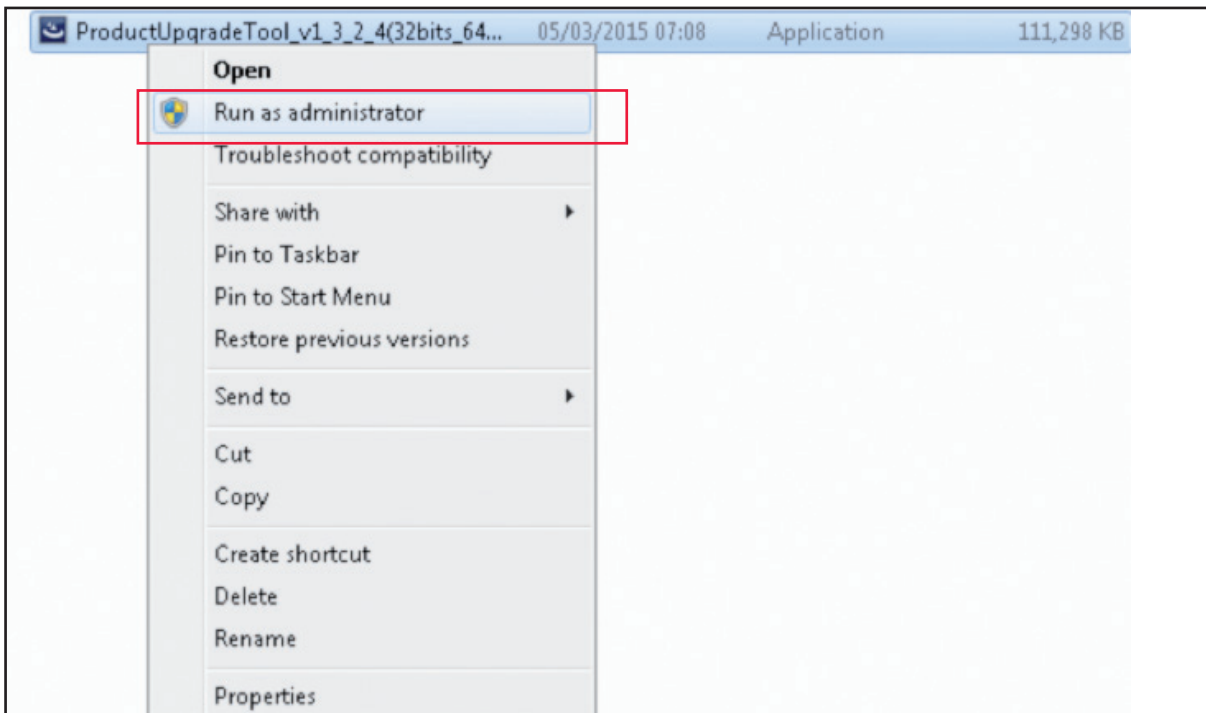
- [DIRIS Digiware D-30 - Ref 48290200 - v1.4.7.1](#)
- [DIRIS Digiware D-40 - Ref 48290199 - v1.0.7.2](#)
- [DIRIS Digiware D-50 - Ref 48290201 - v1.3.9.0](#)
- [DIRIS Digiware U-10 - Ref 48290105 - v1.3.0.14](#)
- [DIRIS Digiware U-20 - Ref 48290106 - v1.1.0.14](#)
- [DIRIS Digiware U-30 - Ref 48290102 - v1.3.1.2](#)
- [DIRIS Digiware I-30 - Ref 48290110 - v1.3.2.1](#)
- [DIRIS Digiware I-31 - Ref 48290111 - v1.3.2.1](#)
- [DIRIS Digiware I-33 - Ref 48290128 - v1.1.2.0](#)
- [DIRIS Digiware I-35 - Ref 48290130 - v1.3.3.0](#)
- [DIRIS Digiware I-43 - Ref 48290129 - v1.0.2.0](#)
- [DIRIS Digiware I-45 - Ref 48290131 - v1.2.2.0](#)
- [DIRIS Digiware I-60 - Ref 48290112 - v1.1.2.0](#)
- [DIRIS Digiware I-61 - Ref 48290113 - v1.1.2.0](#)
- [DIRIS G-30 / G-40 - Ref 48290300 / 48290301 - v1.2.27.0](#)
- [DIRIS G-50 / G-60 - Ref 48290302 / 48290303 - v1.1.31.0](#)
- [DIRIS B-30 RS485 - Ref 48290000 - v1.2.4.0](#)
- [DIRIS B-30 RF - Ref 48290002 - v1.2.4.0](#)



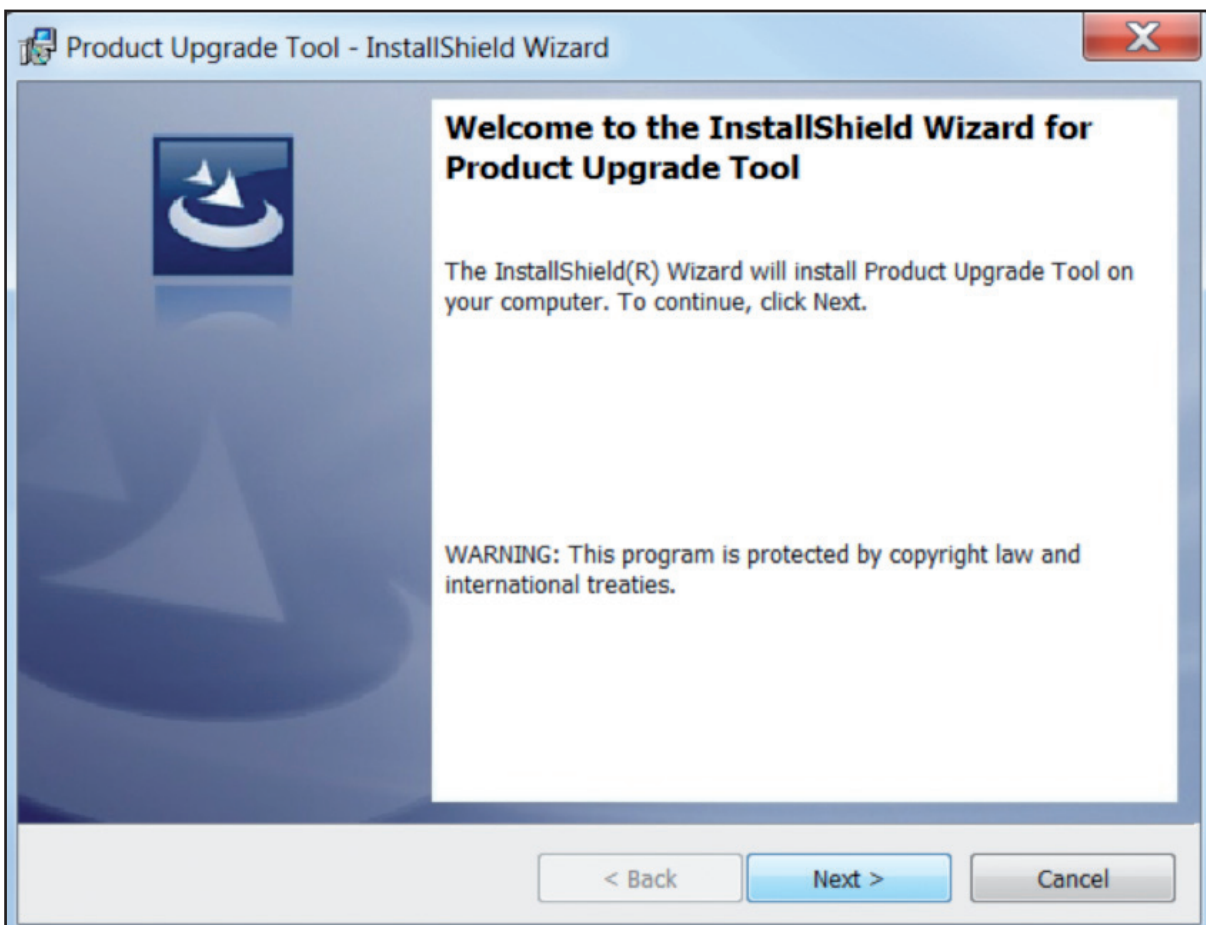
Do not forget to save the files locally on the PC and leave the firmware in zipped format.
The file with the software must be unzipped before installing it.

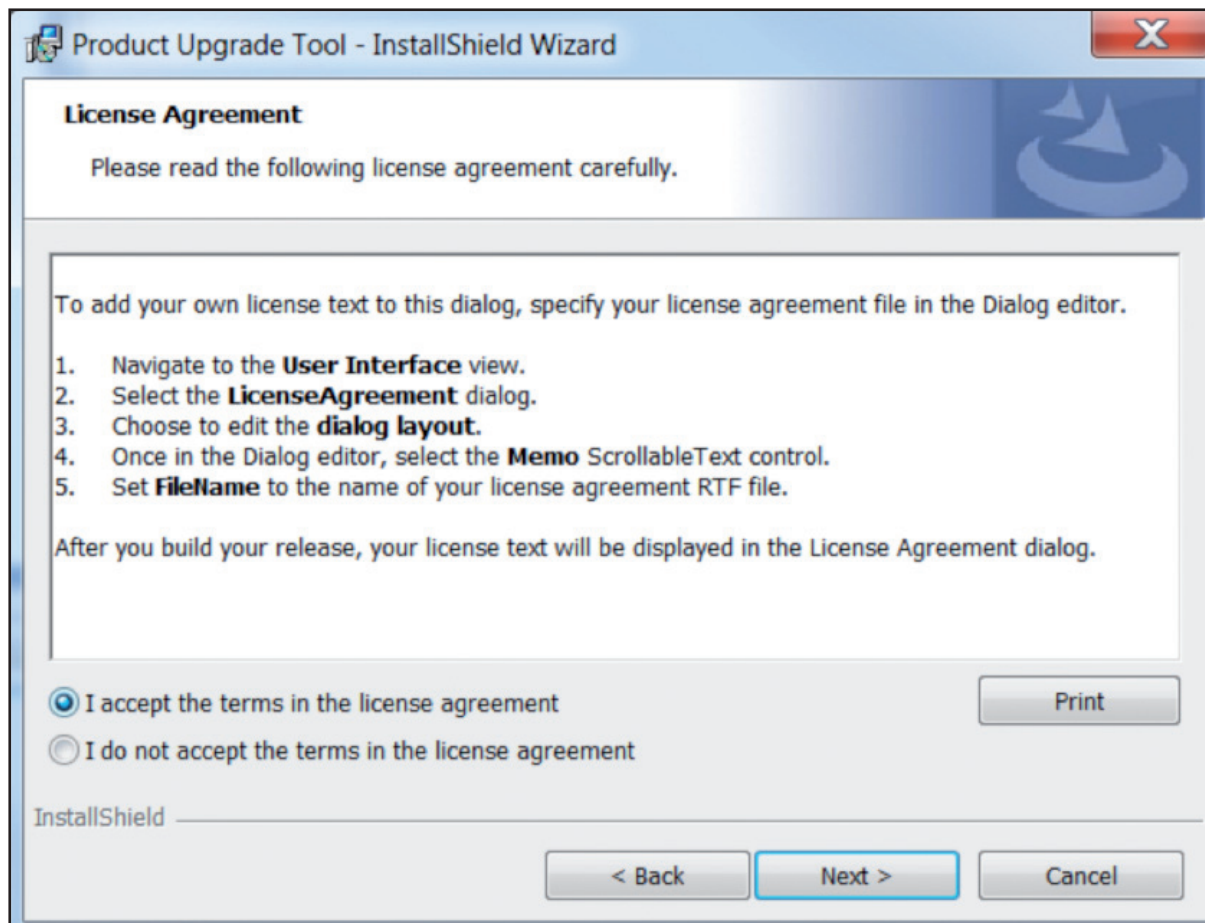
2. Install the software and drivers

To install the software from Windows 7 or newer operating system, right click on the file “ProductUpgradeTool_v1_3_2_4 (32bits_64bitsEdition).exe” and click “Run as administrator”.

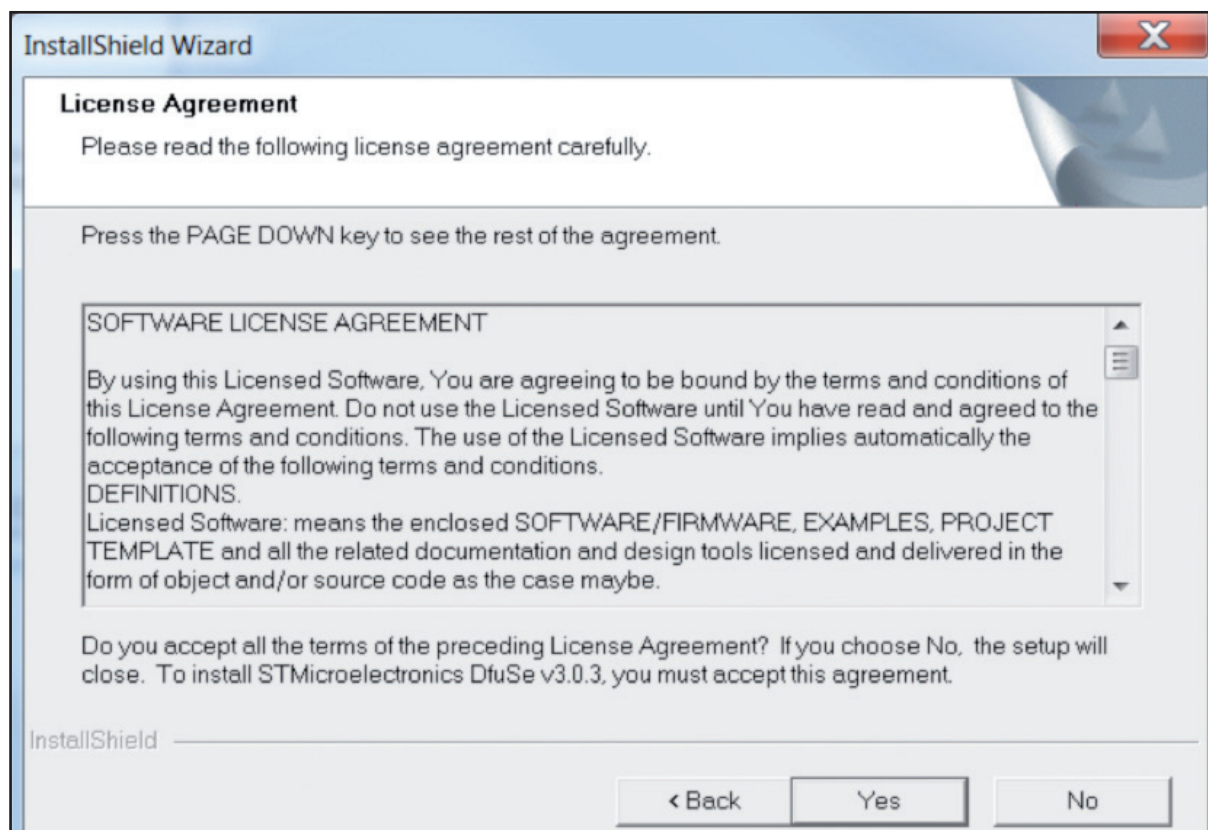
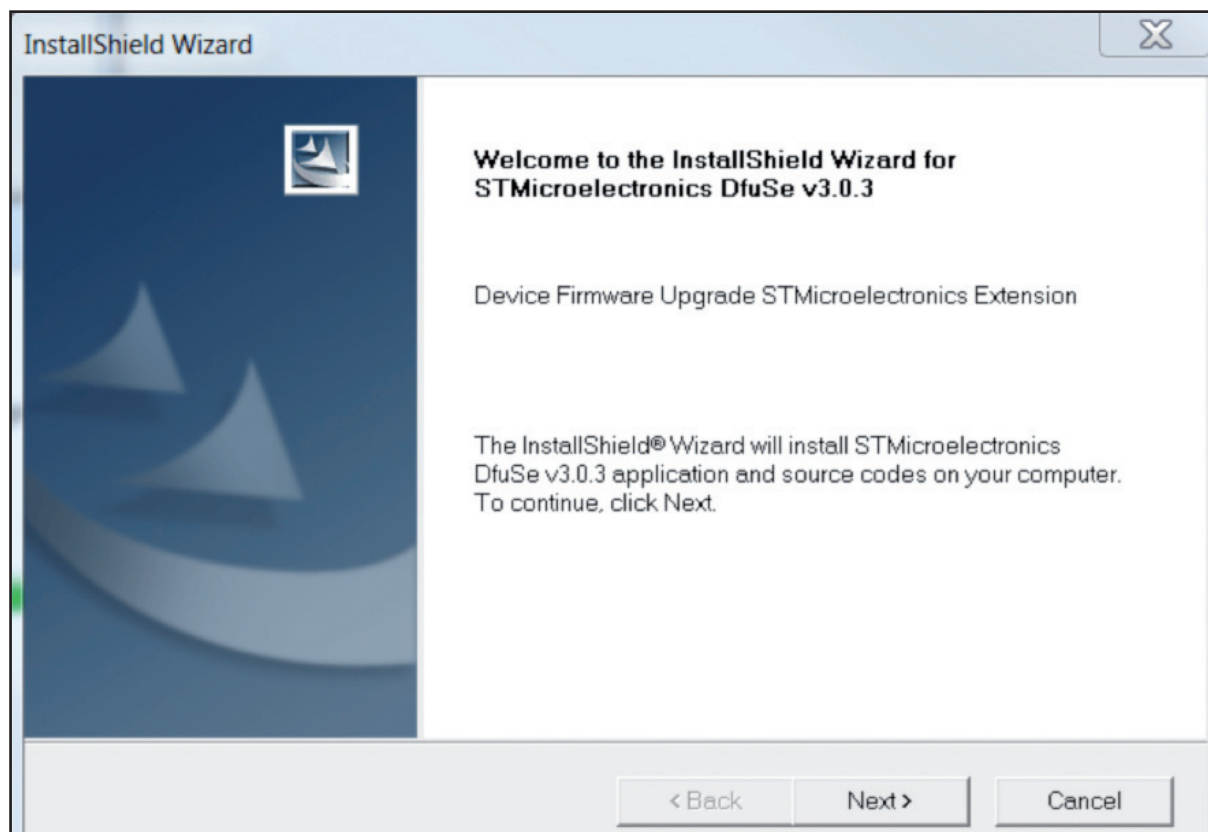


The installation wizard appears, click “next”, accept the license agreement and click next to continue:

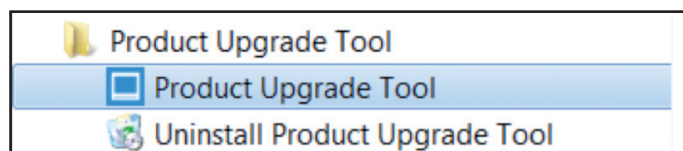




During installation, the program will ask you if you want to install other programs such as “DfuSe from STMicroelectronics” and “Virtual COM Port Driver”, they are mandatory for the full operation of the Product Upgrade Tool software.



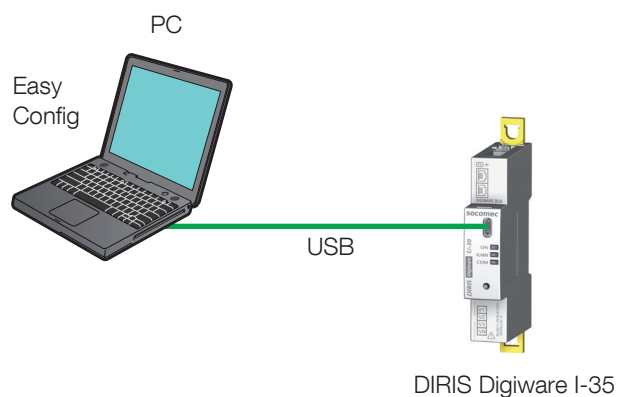
A new program is now available in the start menu, select “Product Upgrade Tool” to start



3. Connection with the USB cable

Connect the USB cable from the PC to the unit DIRIS Digiware.

In our example below, we will connect a DIRIS Digiware I-35 module:



The DIRIS Digiware U and I modules need 24 volts supply coming from a DIRIS Digiware C-31, DIRIS D-40 or D-50 to be updated.

To see if the module is recognized by the software, start the program:



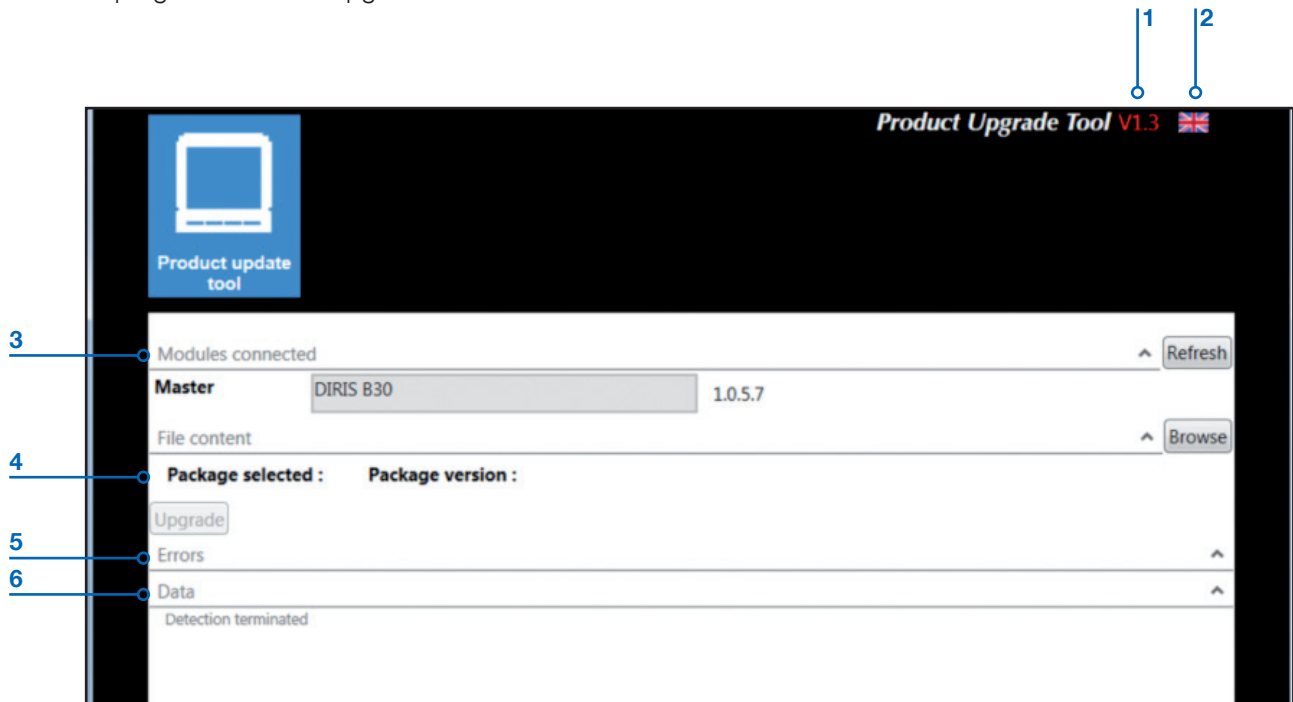
If the module is not recognized, change the USB port and click “refresh” or check if the module is supplied



The module is recognized, it is ready to be flashed.

4. Updating Products

Start the program “Product Upgrade tool” in the start menu:



1. Version number
2. Language selection
3. Connect module
4. Package information
5. Error log
6. Informations

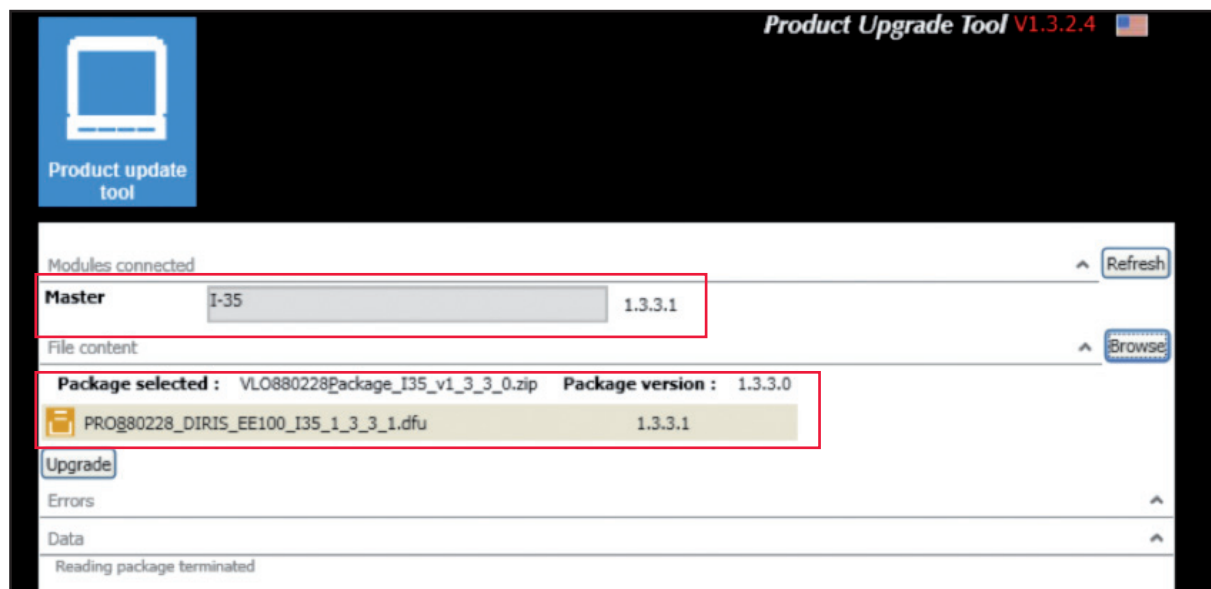
Once the equipment connected and recognized, you can view its version and the type

You can then upload the new version of this module by clicking “browse”, select the latest .zip file of the corresponding module

For example we will update an I-35 module and a gateway with its COM module:

4.1. DIRIS Digiware I-35

Below the module DIRIS Digiware I-35 is recognized with the 1.2.0.9 version, the .zip file it will update the module to version 1.3.3.0



Note: When the package is loaded, you can see on the screen the information of each firmware that is going to be updated.

It is also possible to see information about the version that is going to be upload, and whether it will make an update with a newer version (Update in green), an update to a previous version (Downgrade red) or if version is some them the only already in the device.



Downgrade

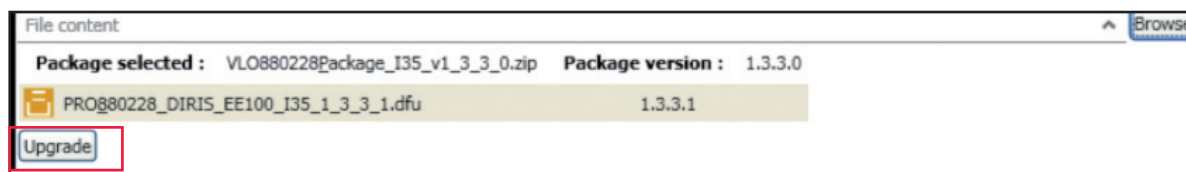


Stationary

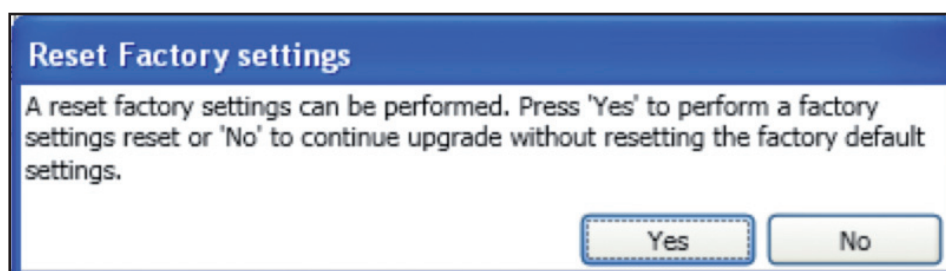


Update

The last step is to click the button “Update”



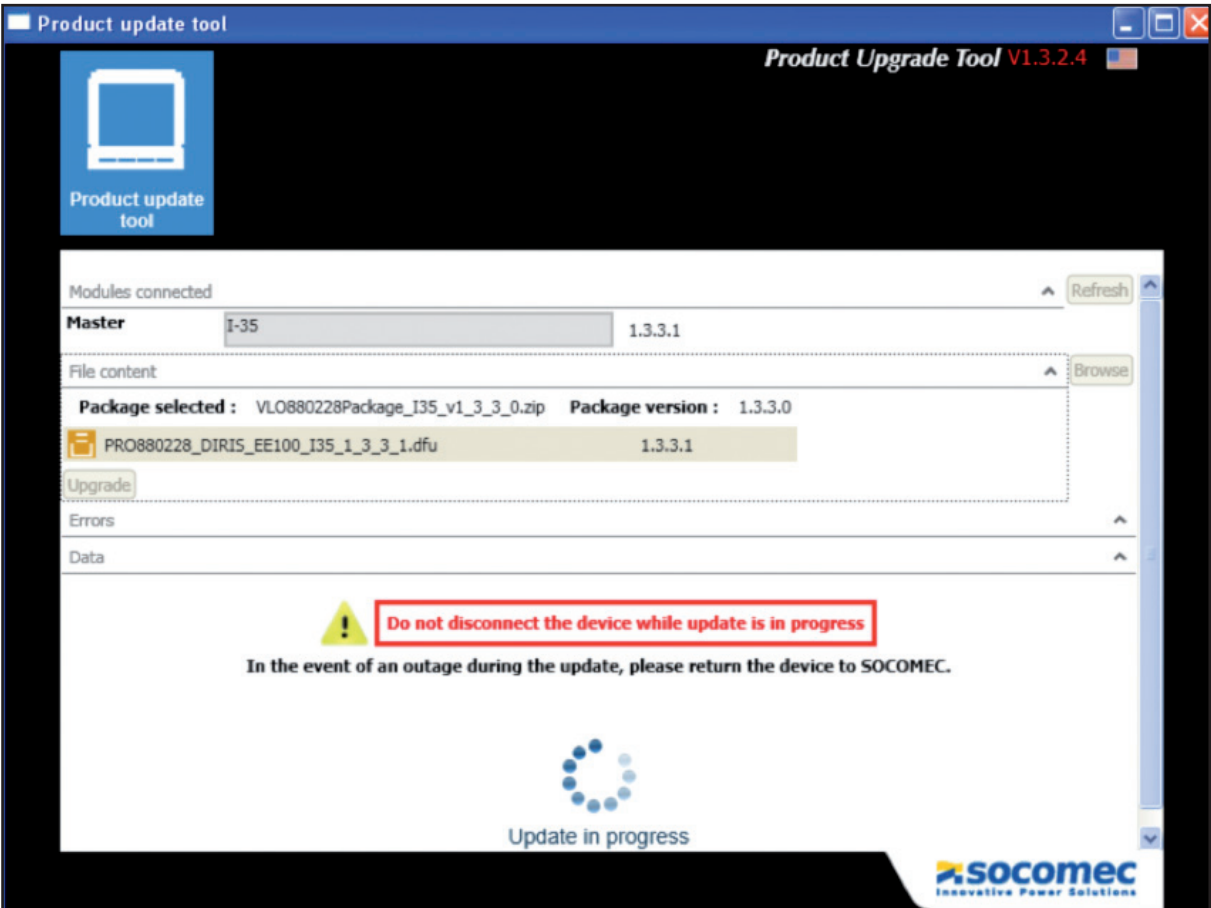
The first question asked by the software is to return the factory default settings, if not, you can cancel the update process:



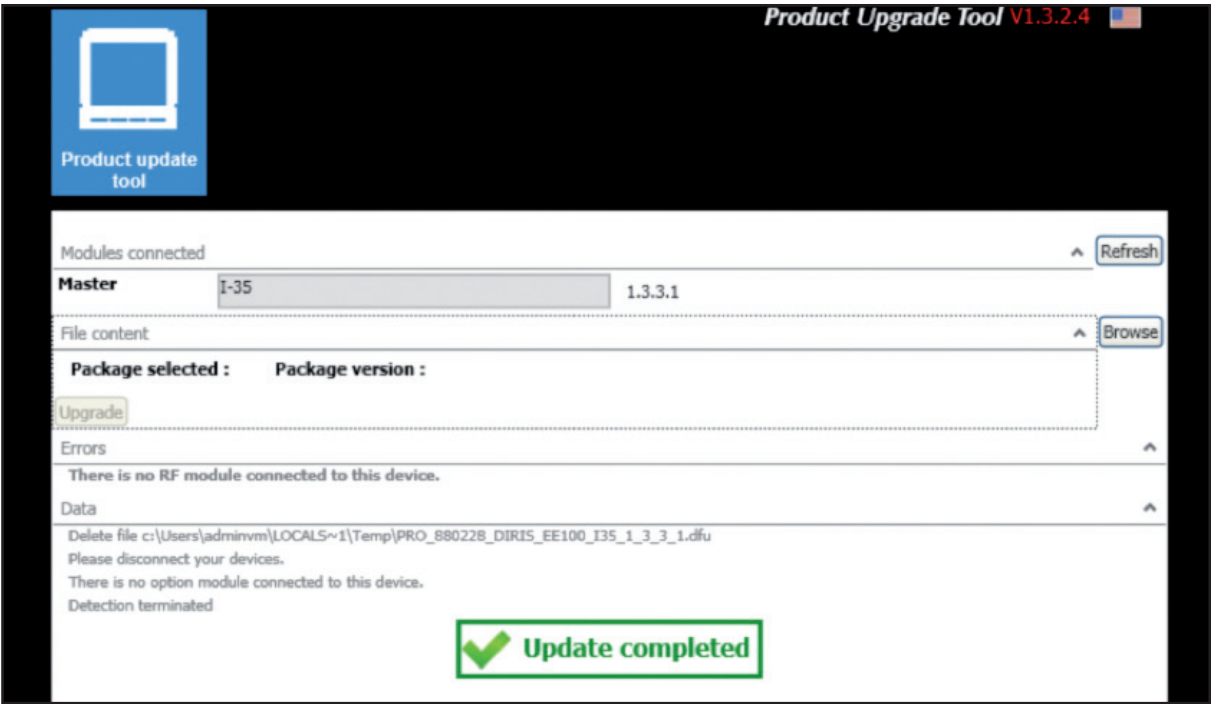
A second question asks whether you want to erase the historical data, click Yes to erase or No to keep and continue the update:



The update is in progress, wait until the end and do not disconnect the USB cable or close the software during the update process:



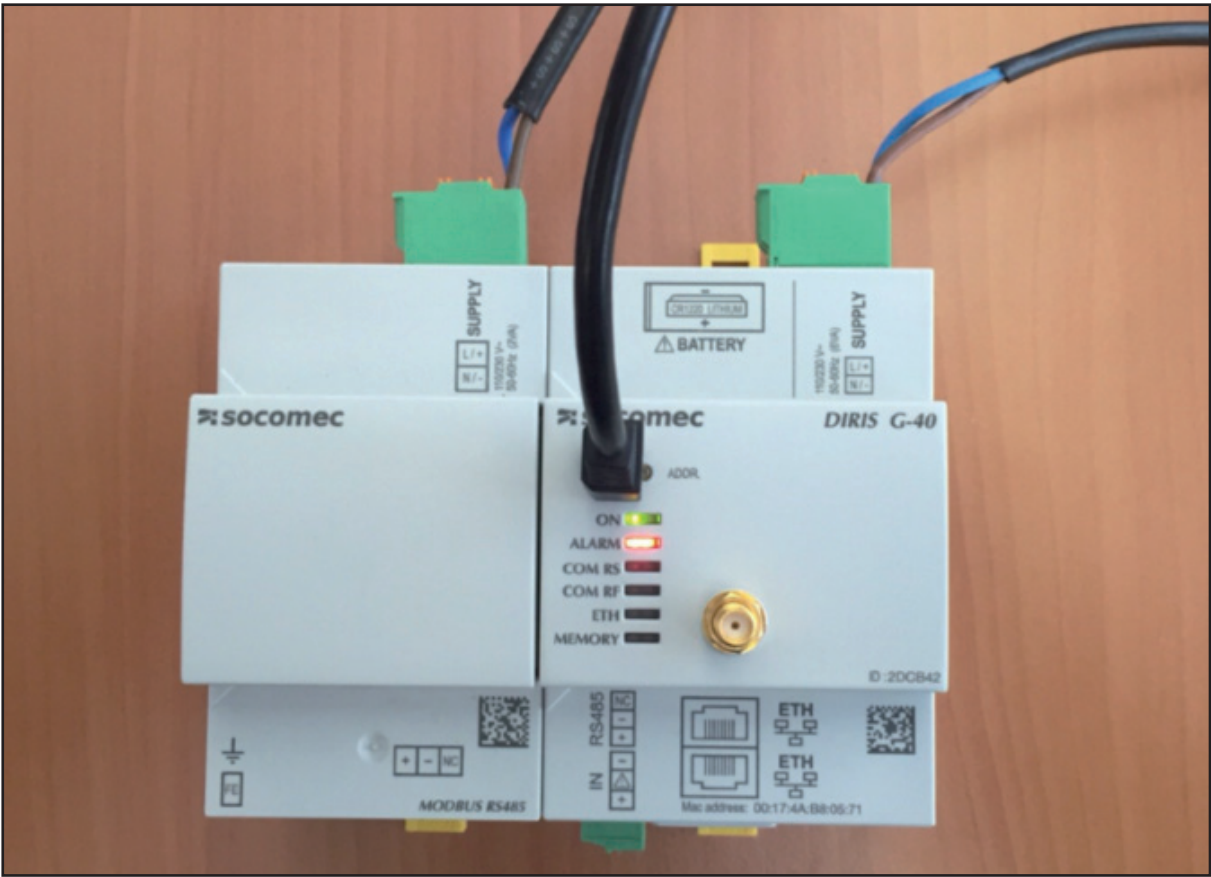
When the update is completed successfully, a green message “Update successful” appears:



Warning: It is advised not to downgrade the products except in specific cases, asked by Socomec technical support.

4.2. Gateway DIRIS G-40 + RS485 Modbus Communication module

Below the DIRIS G-40 and Modbus communication module, both gateway ANP module require power supply (230 VAC)



We will carry out an upgrade of the versions 1.3.0.11 (G-40) to the 1.4.9 version for the G-40 gateway and a downgrade of the 1.3.0.2 version 1.2.0.19 version for the Com module:

Product update tool

Product Upgrade Tool v1.2

Modules connected			Refresh
Master	G30-G40	1.3.0.11	
Slot4	COM	1.3.0.2	
RF	RF module connected	Version number unavailable	

File content

Browse

Package selected : VLO880268EPackage_G30_G40_v1_2_24_0.zip

Package version : 1.2.24.0

DIRISOpt_AnaIO_1_1_0_1.dfu	1.1.0.1
DIRISOpt_LogIO_1_0_0_1.dfu	1.0.0.1
DIRISOpt_Com_1_2_0_19.dfu	1.2.0.19
VLO880246GFile_System_v1.4.21.zip	1.4.21
PRO880214_DIRIS_G30_G40_Application_1_4_9_7.dfu	1.4.9.7

Upgrade

Errors

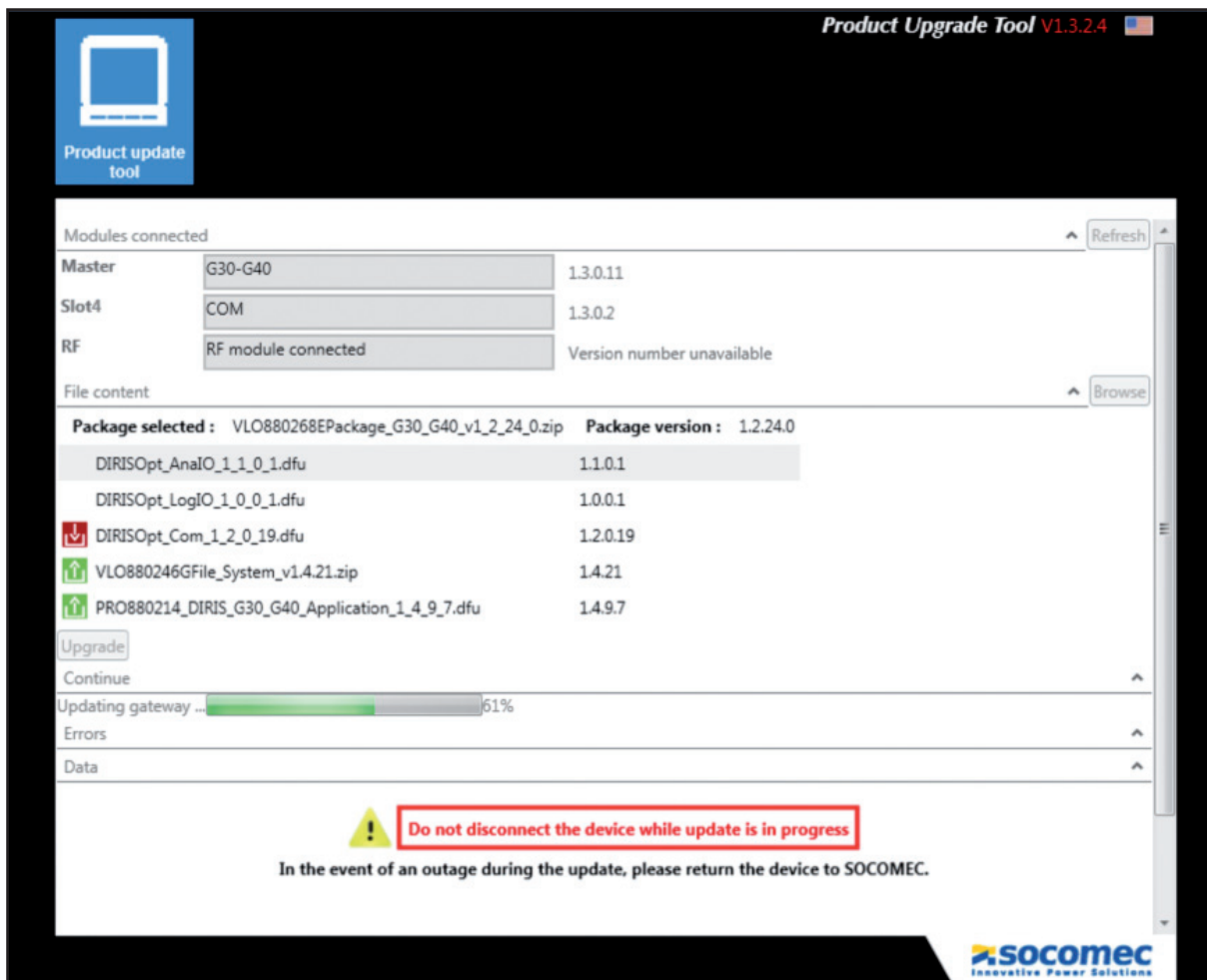
Data

No device was updated for file DIRIS_Opt_AnaIO_1_1_0_1.dfu.
No device was updated for file DIRIS_Opt_LogIO_1_0_0_1.dfu.
Reading package terminated

Click the button “Update”

Choose the historical vales or not values in the gateway. It is possible that some updates do not give the choice in this case those historical values will be deleted.

The update is in progress, wait until the end and do not disconnect or close the software (updating the firmware of a gateway may take several minutes).



When the update is completed successfully, a green message “Update successful” appears:



Note that the issues to stay or not memory / configuration dependent on versions when the proposal is of type “SET / CANCEL” there is no choice, for when it is against the type “YES / NO” is optional and it is then possible to keep the memory and configuration.



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