

DIRIS Digiware Product update

EN

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 8-30 RS485 - Ref 48290000 - v1 2 4 0
DIRIS B-30 RF - Ref 48290002 - v1 2 4 0



EN CONTENTS

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 1:	2

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"

Applications	Markets	Products and Services		Download	Sales offi	ces Comp ca	any a reers
	ISO Certificates Logo	os Pictures	CAD files	Software O	perating instructions	Catalogues / Brochu	res
	PV inverter select	or	Easy of DIRIS DIRIS COUM ATys	Digiware, B & G A / DIRIS BCMS ITIS E P	u	PS software LOCAL VIEW: UPS Mor JNC: Shutdown SW age REMOTE VIEW: Superv VIRTUAL JNC: Shutdow	itoring S nt ision SW m solutio
			Product software DIRIS	t Upgrade Too re Digiware, B & G		for VM NET VISION: UPS WEB Card RT VISION: WEB/SNMF	/SNMP
			Energy • DIRIS • DIRIS	quality softwa A60 A80	re	NETYS RT PDU VISION: Ethemet I PROFIBUS	nlerface
			Mechar • Busba	nical systems s r supports	oftware	DELPHYS GP 2.0: Ethe Interface STATYS: Ethernet Interface	net
						JBUS/MODBUS Interface	

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:





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".

Productl	JpqradeTool_v1_3_2_4(32bits_64	05/03/2015 07:08	Application	111,298 KB
	Open			
	😚 🛛 Run as administrator			
	Troubleshoot compatibility			
	Share with	•		
	Pin to Taskbar			
	Pin to Start Menu			
	Restore previous versions			
	Send to	•		
	Cut			
	Сору			
	Create shortcut			
	Delete			
	Rename			
	Properties			

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

Product Upgrade Tool - Instal	IShield Wizard
	Welcome to the InstallShield Wizard for Product Upgrade Tool
	The InstallShield(R) Wizard will install Product Upgrade Tool on your computer. To continue, click Next.
	WARNING: This program is protected by copyright law and international treaties.
	< Back Next > Cancel

Product Upgrade Tool - InstallShield	Wizard	X
License Agreement Please read the following license agreem	nent carefully.	2
 To add your own license text to this dialog, so 1. Navigate to the User Interface view. 2. Select the LicenseAgreement dialog. 3. Choose to edit the dialog layout. 4. Once in the Dialog editor, select the Met 5. Set FileName to the name of your license After you build your release, your license text 	specify your license agreeme emo ScrollableText control. nse agreement RTF file. xt will be displayed in the Lic	ent file in the Dialog editor.
 I accept the terms in the license agreeme I do not accept the terms in the license agreement 	ent greement	Print
	< Back No	ext > Cancel

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.

InstallShield Wizard	X					
	Welcome to the InstallShield Wizard for STMicroelectronics DfuSe v3.0.3					
<u> </u>	Device Firmware Upgrade STMicroelectronics Extension					
	The InstallShield® Wizard will install STMicroelectronics DfuSe ∨3.0.3 application and source codes on your computer. To continue, click Next.					
	< Back Next > Cancel					
InstallShield Wizard	X					
License Agreement Please read the following licens	agreement carefully.					
Press the PAGE DOWN key to s	e the rest of the agreement.					
SOFTWARE LICENSE AGREEMENT By using this Licensed Software, You are agreeing to be bound by the terms and conditions of this License Agreement. Do not use the Licensed Software until You have read and agreed to the following terms and conditions. The use of the Licensed Software implies automatically the acceptance of the following terms and conditions. DEFINITIONS. Licensed Software: means the enclosed SOFTWARE/FIRMWARE, EXAMPLES, PROJECT						
form of object and/or source co	e as the case maybe.					
close. To install STMicroelectro	ics DfuSe v3.0.3, you must accept this agreement.					
InstallShield						

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

🐌 Product Upgrade Tool	
Product Upgrade Tool	
🐼 Uninstall Product Upgrade Tool	

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:

Product update tool	Product Upgrade Tool V1.3.2.	4
Modules connected	,	Refresh
File content		Browse
Package selected :	Package version :	
Errors		^
Data No device connected Detection terminated		^

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

				Product Upgrade Tool V1.3.2.4	
Product upo tool	Jate				
Modules conn	ected			^	Refresh
Master	I-35		1.3.3.1		
File content				~	Browse
Package se	elected : Packag	e version :			
Upgrade					
-					•
Errors					

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

8

4. Updating Products

Start the program "Product Upgrade tool" in the start menu:

				ļ	
				Product Upgrade Tool V1.3	3K 3K
Product u tool	onnected			~	Refresh
Master	DIR	IS B30	1.0.5.7		
File conter	nt			~	Browse
Package	selected :	Package version :			
Upgrade					
e Errors					^
Data					^
Detection to	erminated				

1 2

- 1. Vesion 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

Product update tool			Product Upgra	de Tool V 1.3.2.4	
Modules connected	<u>(</u>			^	Refresh
Master	1-35	1.3.3.1			
File content				^	Browse
Package selecte	d: VLO880228Package_I35_v1_3_3_0.zip	Package version :	1.3.3.0		
PRO <u>8</u> 80228_D	IRIS_EE100_I35_1_3_3_1.dfu	1.3.3.1			
Upgrade					
Errors					^
Data					^
Reading package te	rminated				

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.



The last step is to click the button "Update"

File content				^	Brow
Package selected :	VLO880228Package_I35_v1_3_3_0.zip	Package version :	1.3.3.0		
PRO880228_DIRIS	_EE100_I35_1_3_3_1.dfu	1.3.3.1			
Upgrade					

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:

roduct updat	te tool					
Product upo tool	date			Product Upgrad	de Tool V1.3.2	.4 💻
Master	I-35		1.3.3.1			
File content					*	Browse
Package se	lected : VLO880228Packa	age_I35_v1_3_3_0.zip P	ackage version :	1.3.3.0		
E PRO8802	28_DIRIS_EE100_I35_1_3_	3_1.dfu	1.3.3.1			
Upgrade						
Errors	***************************************					~
Data						~
	In the event of a	Do not disconnect the o	<mark>device while upda</mark> date, please retu	ite is in progress	EC.	
			in progress			
	_	Opuale	in progress		zsocor	nec
					ASUCUI	teletions

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

Product upd tool	ate	Product Upgrade Tool V1.3.2.4	
Modules conne	cted	^	Refresh
Master	I-35	1.3.3.1	
File content		*	Browse
Package sel	ected : Package version :		
Errors			^
There is no R	F module connected to this device.		
Data			^
Delete file c:\U Please disconn There is no opt Detection term	sers\adminvm\LOCALS~1\Temp\PRO_88 ect your devices. ion module connected to this device. inated	Vpdate completed	



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 upd tool	ate		Product Upgra	de Tool V1.2 💥
Modules conne Master	G30-G40	13011		A Refrest
Slot4	COM	1.3.0.2		
RF	RF module connected	Version number unava	ailable	
File content				A Browse
Package sel	ected : 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		
1 VL088024	46GFile_System_v1.4.21.zip	1.4.21		
PR088021	14_DIRIS_G30_G40_Application_1_4_9_7.dfu	1.4.9.7		
Upgrade				
Errors				^
Data				^
No device was No device was Reading packa	updated for file DIRIS_Opt_AnaIO_1_1_0_1.dfu. updated for file DIRIS_Opt_LogIO_1_0_0_1.dfu. ge 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).

1			Product Upgrade Tool V1.3.2.4
Product update			
tool			
Modulos connecto	4		Pafeach
Master	G30-G40	13011	Reliesh
Slot4	COM	1202	
RF	RE module connected	Varian number unsuritable	
El.	In module connected	version number unavailable	
File content		A	Browse
Package selected	: VLO880268EPackage_G30_G40_v1_2_24	_0.zip Package version: 1.2.24.0	
DIRISOpt_Anal	IO_1_1_0_1.dfu	1.1.0.1	
DIRISOpt_LogI	O_1_0_0_1.dfu	1.0.0.1	
DIRISOpt_Com	_1_2_0_19.dfu	1.2.0.19	
1 VLO880246GF	ile_System_v1.4.21.zip	1.4.21	
PRO880214_D	IRIS_G30_G40_Application_1_4_9_7.dfu	1.4.9.7	
Upgrade			
Continue			~
Updating gateway .	61%		
Errors			^
Data			^
	A		
	Do not disconn	ect the device while update is in pro	ogress
	In the event of an outage during	g the update, please return the devic	ce to SOCOMEC.
			zsocomec

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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