GF_EXPRESS

User Guide

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GF_eXpress

Introduction

The GF_eXpress configurator lets you configure and use GEFRAN devices. To simplify configuration, the

programme resembles a typical WindowsTM environment, with toolbar and statusbar.

Possible operations:

- Serial communication with the device (SLINK3, CanOpen, Cencal, Modbus protocols)
- Parameter reading and writing
- Parameter saving in device flash memory
- Checking of device status

PC requirements

- Pentium (or higher) processor
- Adapter for RS232/RS485/TTL and/or CANOPEN communication
- Windows 2000 (or higher) operating system







Communication adapter

Installation



Installation of Catalog

Follow the steps below to install Catalog:

• Execute *GF_ Catalog _#version#.exe* and the welcome screen appears:



• Click *Next* to proceed to the next screen

🕵 Setup - Catalog	
License Agreement Please read the following important information	before continuing.
Please read the following License Agreement ` before continuing with the installation.	You must accept the terms of this agreement
GEFRAN SPA LICEN IMPORTANT: PLEASE READ THE THIS LICENSE AGREEMENT CAN SUPPLIED SOFTWARE	TERMS AND CONDITIONS OF
This License Agreement is a legal a	greement between you (either an 🗾
I accept the agreement	
 I do not accept the agreement 	
	<back next=""> Cancel</back>

• Read the license agreement, choose *I accept the agreement* and click *Next* to proceed

🔀 Setup - Catalog	_ 🗆 🗙
Select Destination Location Where should Catalog be installed?	
Setup will install Catalog into the following folder. To continue, click Next. If you would like to select a different folder, click Browse.	
C\Programmi\Gefran	Browse
At least 303 5 MB of free disk snare is required	
At least 303.5 MB of free disk space is required.	
< <u>B</u> ack <u>N</u> ext>	Cancel

• Select the installation folder and click Next to proceed

🕵 Setup - Catalog	_ 🗆 ×
Ready to Install Setup is now ready to begin installing Catalog on your computer.	
Click Install to continue with the installation, or click Back if you want to review or change settings.	e any
Destination location: C:\Programmi\Gefran	* *
< <u>B</u> ack Install	Cancel





• Check the settings and click Install to proceed; the extract phase starts



At the end of the extract phase the last window appears:



• Click *Finish* to close the setup program

Installation of GF_eXpress and RS-USBX driver

Follow the steps below to install GF_eXpress:

- If you need to install the RS-USBX interface make sure to disconnect it from USB port
- Execute *GF_eXpress_#version#.exe* and the welcome screen appears:





• Click *Next* to proceed to the next screen

🔂 Setup - GF_eXpress	×
License Agreement Please read the following important information	before continuing.
Please read the following License Agreement ` before continuing with the installation.	You must accept the terms of this agreement
IMPORTANT: PLEASE READ THE THIS LICENSE AGREEMENT CAI SUPPLIED SOFTWARE This License Agreement is a legal a	TERMS AND CONDITIONS OF REFULLY BEFORE USING THE
 I accept the agreement I go not accept the agreement 	
	< <u>Back</u> Next > Cancel

• Read the license agreement, choose *I accept the agreement* and click *Next* to proceed

🔀 Setup - GF_eXpress			_ 🗆 ×
Select Destination Location Where should GF_eXpress be	installed?		
Setup will install GF_e	Xpress into the following folder.		
To continue, click Next. If you v	vould like to select a different fold	ler, click Browse.	
C:\Programmi\Gefran		Bro	wse
At least 13.1 MB of free disk sp	ace is required.		
	< Back	<u>N</u> ext >	Cancel





• Select the installation folder and click Next to proceed

🕞 Setup - GF_eXpress	
Select Start Menu Folder Where should Setup place the program's shortcuts?	
Setup will create the program's shortcuts in the following Start Menu fol	der.
To continue, click Next. If you would like to select a different folder, click Brows	e.
Gefran	Browse
< Back Next >	Cancel

• Select the Start menu folder and click Next to proceed

Setup - GF_eXpress Select Additional Tasks Which additional tasks shou	ld be performed?		
Select the additional tasks y click Next.	rou would like Setup to perform while	installing GF_eXpre	ess, then
Additional icons:			
🔲 Create a desktop icon			
🦳 Create a Quick Launch i	con		
✓ Install drivers for RS-US	ВХ		
	< Back	Next>	Cancel

• Select the additional tasks you want to install (for example drivers for RS-USBX) and click *Next* to proceed



🚰 Setup - GF_eXpress	_ 🗆 ×
Ready to Install Setup is now ready to begin installing GF_eXpress on your computer.	
Click Install to continue with the installation, or click Back if you want to review or cha settings.	nge any
Destination location: C\Programmi\Gefran	<u> </u>
Start Menu folder: Gefran	
Additional tasks: Install drivers for RS-USBX	
4	
< Back	Cancel

• Check the settings and click Install to proceed; the extract phase starts

🔂 Setup - GF_eXpress	_ 🗆 ×
Installing Please wait while Setup installs GF_eXpress on your computer.	
Extracting files C:\Programmi\Gefran\GF_eXpress\GF_eXpress.pdf	
	Cancel

 Only when install drivers for RS-USBX: the following message may appear on PCs running Windows XP, when setup program begins to install the USB drivers:







Ignore this message and continue with installation

At the end of the extract phase the last window appears:



• Click Finish to close the setup program

Usage of RS-USBX with Windows Xp

During the first usage of the interface on a specific USB port, it should be possible that a driver search message will appear. In this case follow the below procedure:



1. Choose Install from a list or specific location and click Next to proceed

OSean	ch for the best driver in these locations.
Use I paths	he check boxes below to limit or expand the default search, which includes local and removable media. The best driver found will be installed.
	Search removable media (Roppy, CD-FIQM)
	Include this location in the search:
	C-\Documents and Settings\axel18\Desktop\CAN-U - Browse
Don ¹ Choo the d	search. I will choose the driver to install. se this option to select the device driver from a list. Windows does not guaranter river you choose will be the best match for your hardware.

2. Choose Don't search the driver and click Next to proceed





lardw	nre Update W	izard			
Sele	ct the device	driver you want t	o install for this h	ardware.	ENT.
ŝ	Select the man have a disk tha	ufacturer and model it contains the driver	of your hardware de you want to install, c	vice and then clicl lick Have Disk.	k Next. If you
✓ Sho	w compatible har al	dware			
A	el Service Port				
T L	nis driver is no Il me why driver s	t digitally signed! igning is important			Have Disk
			< Back	Next >	Cancel

3. Select the compatible hardware (appears only one choice) and click *Next* to proceed

ea Hardw	are Installation
1	The software you are installing for this hardware:
¢	has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important.</u>)
	Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

4. Ignore the Windows Logo message and click *Continue* to proceed

Found New Hardware Wiz	ard .
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: Axel Service Port
	Click Finish to close the wizard.
	K Back Finish Cancel

- 5. Click *Finish* for complete the procedure
- 6. **IMPORTANT**: the procedure must be repeated twice because the RS-USBX has two different device drivers

Usage of RS-USBX with Windows 7 64bit version

During the first usage of the RSUSBX interface on a specific USB port, the system could fail the automatic installation of the driver software. In this case follow the below procedure:



1. Choose Device Manager from Control Panel

2. Click on the first Axel srl USBX converter in Other devices to proceed





10	AXEL srl USBX c	converter
	Device type:	Other devices
	Manufacturer:	Unknown
	Location:	0000.001d.0001.001.000.000.000.000.000
To fi	nd a driver for this o	device, click Update Driver.

3. Click Update Driver... to proceed

	Search automatically for updated driver software
	Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.
•	Browse my computer for driver software Locate and install driver software manually.

4. Click Browse my computer for driver software to proceed



5. Click Next to proceed



6. Ignore the Windows Security message and click *Install this driver software anyway* to proceed







7.	Click	Close to	proceed
----	-------	----------	---------

	Driver Details Axel Service Port		
9	Device type:	Other devices	
	Location:	0000.001d.0001.001.000.000.0	00.000.000
Devic This	e status device is working p	property.	*

- 8. Verify in the Device status box the device is working properly; click *Close* for complete the procedure
- 9. **IMPORTANT**: the procedure must be repeated for the second *Axel srl USBX converter* in *Other devices* because the RS-USBX has two different device drivers

Wiring with Gefran instrumentation

The connection between PC and Gefran instrumentation is possible by using the interface kits and wiring called GF_eXK-x-x-x.



GF_eXK-0-0-0: RS232 (PC side)-TTL (instrument side)









GF_eXK-1-1-0: wiring details



GF_eXK-2-0-0: USB (PC side)-TTL (instrument side) and

USB (PC side)-RS-485 (instrument side)





Work session

To work with the GF_eXpress you have to:

- Create a new configuration or use a previous session by opening a file with extension ".gfe"
- Properly configure the communication options (protocol type, COM port, baud rate)

There are three ways to start a work session:

- Open a parameters file with extension "gfe" via the "Open" command on the "File" menu. Do this every time you want to work with a previously saved configuration.
- Create a new configuration with "New configuration" on the "File" menu.







This command opens the "Gefran devices catalogue" window, which lets you choose a device from a list of devices grouped by category

Gefran device catalog					×
Gefran catalog Custom Drives Instruments I/O HMI and IPC	Device name	Version	Max version	Description	
	Show all version	s		Select	Cancel

Selecting a device displays the main HTML page of the device.

• Use wizard mode to create a new session. To do this, first click the appropriate device category and then the device needed







Parameters file

After starting the GF_eXpress work session by opening the appropriate parameters file, you can display the information for the parameters.

Each parameter is defined by the following fields:

🗱 2400(1p31).gft [MainMe	enu] - G	F_eXpress										_ 8 ×
File Vista Parametri Dispos	itivo Ma	nutenzione	7									
🗿 🖻 🖬 🖢 🌶 🖉			6 6 % 8	1 8 E 🔶	8							
Menu X	IPA	Nome	Tipo	Valore	Default value	Minima	Massima	Unità	descrizione	Nota	Descrizione Breve	
Seletione menu	0*	In.1	Float	3500		***	***		in.1 input 1 (p.s.)		In.1	
E C MarMenu	1'	In.2	Float	0			111		In.2 Input 2 [p.s.]		In.2	
- Wizard	2*	In.3	Float	0					In.3 Input 3 (p.s.)		In.3	
- 📁 Ricette	3'	In.4	Float	0					in.4 input 4 [p.s.]		In.4	
	4'	FInA	Int	0					Fin A Input maths function A (p.s.)		Fin.A	
	5*	Fin.b	Int	0					Fin.b Input maths function b [p.s.]		Fin.b	
	6	AL.1	Int	100	100	-19999	99999		AL.1 Alarm setpoint 1, if absolute		AL1	
	7	AL 2	Int	200	200	10000	00000		AL 2 Alarm cotraint 2 if ahealuta		AL 2	

- IPA: identifies the parameter
- NAME: mnemonic name used to identify the parameter
- TYPE: type of parameter datum (ex.: int, enum...)
- VALUE: current parameter value
- DEFAULT VALUE: parameter default value
- MIN: minimum parameter value
- MAX: maximum parameter value
- UNIT: unit of measurement for the parameter value
- DESCRIPTION: explicit description of the parameter
- NOTES: optional information on the parameter
- BRIEF DESCRIPTION: contains a brief description of the parameter.

GF_eXpress parameters can be organized in different menus; this lets you display the complete list or a subset of the parameters.

The user can change the values of only the read/write parameters.

If one or more parameters are changed and you want to close the work session, GF_eXpress automatically asks if you want to save the configuration in a gfe file.

Communication

Communication with the device takes place via serial or CAN line. To communicate with the device, you need an appropriate serial or CAN adapter. Communication with the device starts every time the user opens a parameters file or creates a new configuration. The user can also enable or disable the connection via Connect on the target menu. When the connection is active, the item Connect is checked and the toolbar button is pushed.



The "Communication settings" command lets you select and define communication options. A window lets you select and set the specific protocol.



To activate a specific protocol, select the protocol and click "Activate". Click "Properties" to enable the configuration window for the specific protocol.

Modbus config		×						
C Communication								
Port	COM1	•						
Baudrate	19200	•						
Frame settings	N,8,1	•						
Protocol								
Modbus	Address 1							
O Jbus	Timeout 1	000						
Enable remote communication								
Server name								
	OK	Cancel						

Each protocol has specific default values, which may vary from device to device.

Device	Protocol	Communication properties
XVY	Slink3	COM1, 38400 baud, no parity, 8 data bits, 1 stop bit, address 0, time out 1000
GFX4	Modbus	COM1, 19200 baud, no parity, 8 data bits, 1 stop bit, address 0, time out 1000

EXAMPLES :





Note: To correctly activate communication with the device, the device address must be the address set in GF_eXpress. Once the right address is selected, the parameters have to be saved on the device flash to make the setting definitive. GF_eXpress displays every communication error in a message box containing the specific error code and its description. Communication status is shown on the right side of the status bar.

Y TIME	Word	0	0	
		_ <i>Y</i>	CONNECTE	=D

Parameter control

Parameter value

Textbox

When a parameter value is not updated with the device value, it is displayed in red. It is assumed that parameters are not updated when:

- they are just loaded after an "Open" procedure
- the user changes a value by editing it

It is assumed that the value is updated after a read or after a write procedure. A value can be changed via:

12	AL.1	Float	500	500
13	AL.2	Float	100	100
14	AL.3	Float	700	700
49	Lb.P	Float		25.0
34	1-0	\sim		
50	SP.r	Enum	erremote absolute.	0= set remote absolute, digita
51	tYP.	Enum	0= set remote absolute, digit	0= TC J degrees C 0/1000, 0.0
52	tP.2.	Enum	1= set remote deviation to lo	0= none
62	FLt	Float	2= set remote absolute, set g	0.1
:00			13= Set remote beyration to to	

• Specific forms (activated by specific button in grid)



Read and write commands

To send a parameter value to the device, the user can use the "Write parameter" command. The user can also read the current value of a parameter directly on the device with the "Read parameter" command. The read and write commands refer to the currently selected parameter on the GF_eXpress grid. You can also read and write all parameters or a set of parameters by using the "Read all" and Write all" commands. To read or write all device parameters regardless of the currently selected menu, use the "Read all file values" and "Write all file values" commands. By using "Write default file values" you can load the device with the default values contained in the parameters file. For some devices, you can use "Load default values," which tells the device to load its default values (these values are contained in the device).

[WIZARD] - GF_e	eXpress					
Parameters Target	Service	Aiuto				
Read parameter		Ctrl+R				
Write parameter		Ctrl+W				
Read all		Ctrl+Shift+R				
Write all		Ctrl+Shift+W				
Read all file values	;					
Write all file values	:					
Write default file values						
Load default target values						
Compare parameters						
On line mode						
Save parameters		Ctrl+Alt+S				
Properties						
Add to recipe		Ctrl+A				
Delete from recipe		Clah-O				





On-line mode

On-line mode, activated with the "Online" command, allows to GF_eXpress to update the value of every parameter displayed into active window (only those ones). Likewise, the parameter is immediately transmitted to the device each time the user changes the value of the parameter selected on the grid.

Read-only parameters

Some parameters are read-only and are called variables. Variables cannot be edited or written, and are marked by an asterisk next to the IPA of the parameter in the IPA field (see figure below).



Saving parameters

Parameters are saved in the device flash via the "Save parameters" command. Saving in the flash is required in order to permanently save values in the device. For some devices, this command is inactive because Write also includes saving directly in the device flash.

Menu selection windows

Parameter selection menu

Parameters are divided into menus that are displayed in the Menu selection window and are organized in a tree structure for easy selection of parameter subsets.



Wizard selection menu

The Menu selection window can also contain a list of wizard pages and/or a list of recipes.



The wizard pages can be used to control some parameters as shown in the following figure:







Recipe selection

A recipe is a subset of parameters. This subset is a menu defined by the user.

To create a new recipe, just right-click the "recipes" menu, select "add", and write the recipe name.

To insert a parameter in a recipe, just select the parameter from the grid and drag it to the recipe. As an alternative, you can select the parameter you want, select "Add to recipe" on the "Parameters" menu, and select the destination recipe as shown in the figure.

Add to recipe	×
PET FET Ricetta	_
ОК	Cancel

Import Export

On the "Parameters" menu, or by right-clicking the mouse on "Recipes," you can import or export single recipes in separate files.

The reference file has extension .GFR and contains the recipe parameters list with assigned values (see below).

Set Recipe Value

The "Default Value" column takes the named "Recipe Value" in the recipes.

The "Recipe Value" column does not allow direct input. To change the value, you first have to change the value in the "Value" column and, on the "Parameters" menu, press Set Recipe Values, which copies the value from the "Value" column.

As opposed to the "Value" column, which is changed after read/write operations, the "Recipe Value" column is never changed. In this way, the recipe value is protected against any accidental changes..

2500(1	p31).gft [Ricette] - GF_eXpres	s						
File Vista	Parametri Dispositivo Manutenzione	?						
🔓 📽 🛛	Leggi parametro	Cirl+R	a e 🕈 ?					
Menu	Scrivi parametro Leopi hutti (menu attivo)	Ctrl+Shift+R	Valore	Recipe value	Minima	Massima	Unità	descrizione
S	Scrivi tutti (menu attivo)	Orl+Shift+W	200	200	-19999	99999		AL.2 Alarm point 2, if absolute Lo.AL Hi.AL, if relative
E Mair	Lanni Indhi i naramatri dal dimoritum		300	300	-19999	99999		AL.3 Alarm point 3, if absolute Lo.AL Hi.AL, if relative
- Wiz	Scrivi tutti i parametri del dispositivo		400	400	-19999	99999		AL.4 Alarm point 4, if absolute Lo.AL Hi.AL, if relative
E D Rice			500	500	-19999	99999		AL.5 Alarm point 5, if absolute Lo.AL Hi.AL, if relative
-0	Scrivi i valori predefiniti (menu attivo) Carica valori predefiniti dal taroat		600	600	-19999	99999		AL.6 Alarm point 6, if absolute Lo.AL Hi.AL, if relative
	Carke Faler proder the derivaryet		- 700	700	-19999	99999		AL.7 Alarm point 7, if absolute Lo.AL HI.AL, if relative
	Confronta parametri		800	800	-19999	99999		AL.8 Alarm point 8, if absolute Lo.AL Hi.AL, if relative
	Modalità on line		900	900	-19999	99999		AL.9 Alarm point 9, if absolute Lo.AL Hi.AL, if relative
	Proprietà		1000	1000	-19999	99999		AL.10 Alarm point 10, if absolute Lo.AL HI.AL, if relati
	Aggiungi alla ricetta	Ctrl+A	Short O					A.Pid PID group active (only if n.Pid >1)
	Cancella dalla ricetta	Ctrl+D	0.0	100				Ou.P Output Power [%]
	Export recipe		0.0					C.oUt.1 Control Output 1 [%]
	Import Recipe							

Alarms

The current device status (normal work or alarm) is displayed on the right side of the status bar.



Monitor window

The monitor window displays the value of the current parameter (or parameters). The value displayed in the monitor window is constantly updated with the current device value. The user can insert the required parameter in the monitor window by selecting it and dragging it from the parameters grid.



Graphic window

The graphics window is a tool that displays the graphics flow of some parameter values. The parameters to be displayed can be dragged from the parameters grid to the graphics window. A track is assigned to each parameter; each track has a different colour. A maximum of 8 tracks can be displayed simultaneously. This window also has a series of graphics display tools, such as (for example) zoom and scale.





u X	IPA	Nome	Tipo	Val	Default value	Min	Max	Unit	Descrizione
Manu aslaulian	0*	P.V.	Float	110	<u></u>				P.V. Process variable
Menu selection	1*	SPA	Float	400					SPA Active setpoint (reading only)
Page 1	2	SP	Float	400	400	0	1000		SP Local setpoint, within Lo.L - Hi.L
— 🜔 CFG	3	SP.1	Float	100	100	0	1000		SP.1 Setpoint 1, within Lo.L - Hi.L si
🚺 Inp	4	SP.2	Float	200	200	0	1000		SP.2 Setpoint 2, within Lo.L - Hi.L si
	5*	In.TA	Float	0.0		0	999.9		In.TA Current transformer input valu
- 1NF - SER	6*	In.TV	Float	0.0		0	999.9		In.TV Voltage transformer input valu
🙋 CFG	7	AL.1	Float	500	500	-1999	9999		AL.1 Alarm point 1, if absolute: Lo.L
Lin	8	AL.2	Float	600	600	-1999	9999		AL.2 Alarm point 2, if absolute: Lo.L
	9	AL.3	Float	700	700	-1999	9999		AL:3 Alarm point 3, if absolute: Lo:L
- Virtual	0	AL.4	Float	800	800	-1999	9999		AL.4 Alarm point 4, if absolute Lo.L.
Wizard	1	A.Hb	Float	10.0	10.0	0	999.9		A.Hb Heater break alarm point, 0.0 .
Recipes	2*	Ou.P	Float	100.0			222)		Ou.P Control output (reading only)
hView → ⊠ ■ St St F St	4 II	1 🔳 🖬 🗍		6 8	1				
vView ■ 2 ■ 2 42 42 42 42 44 44 44 44 44 44 44 44 4					2				
View Image: Control of the second		2 III (2 IIII (2 IIIII (2 IIIII (2 IIIII (2 IIII (2 IIIII (2 IIIIII (2 IIIII (2 IIIII (2 IIIII (2 IIIIII (2 IIIII (2 IIIII (2 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	▶ 2345	v/dw	2 Annual Annual	Blue cu	I I I I I I I I I I I I I I I I I I I	Horz cur	
NYiew NYiew NYiew Nyiéw : 2112 42 Nyiéw : 2112 42 N	↓ II ↓ II ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	2 III 7 2 III 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	▶ ■ ■ ■ ■ ■	v/div	2 Red cursor	Blue cu		Horz cur	Sort Note

Remote Update

By default, remote updating of the program starts automatically when the software launches.

To start it manually, press "?" on the menu and launch "Check for updates."

GF_Update will check for updates on the Gefran website and will display any new versions of the catalog and software in the window.



To update the program and the catalog, select the update and press the "Update" button.

The Change Log window lists the changes included in the new version.

You can deactivate automatic updating by unchecking "Automatically check for updates" on the "Connection Settings" menu in "Settings" and manually setting any network settings for the proxy. On the first startup, any such settings will be automatically imported by Internet Explorer.

GF_Update settings	
SVN executable path [I:\test\g Automatically check for upda Use proxy server Proxy server Proxy username Proxy password	gefran\gf_update\svn\bin ates Port Port
	Cancel OK

In case of problems with the remote updating of Catalog or GF_eXpress, it is possibile proceed with a manual updating following these steps:

- From Windows Control Panel uninstall the programs:
 - Catalog
 - GF_eXpress
 - SetIpTools (if installed)
- Verify that the folder where Catalog and GF_eXpress were installed (eg c: \ Program Files \ Gefran) is empty; if not execute the backup and then delete them
- Delete, if exists, the GF_EXPRESS.ini file in c: \Documents and Setting\User\ Application Data
- Download from www.gefran.com the setup files of Catalog and GF_eXpress, and proceed with their installation





Import Export configuration

With the "Import Configuration" and "Export Configuration" commands on the "File" menu, you can import and export GFE files with assigned GFT in a single ZIP packet.

This function lets you reuse the configuration and the definition of a specific custom device created by the user.

It is used to export to another PC a device not inserted in the standard catalog; typically a device written with MDPLC program.

Export Configuration		
Gfe Filename	1	
Output Folder	Î.	
Output Filename		
		Evoret Appulla
		Export Aimidia

This window tool has the following input boxes:

- Gfe FileName : path of the input file (.gfe)
- Output Folder: path of the folder containing the .zip output file

It builds a .zip file containing the .gfe file and the relative .gft file,

inclusive of all over folders until Catalog\.

For example, if the saved file.gfe refers to .gft file ADV200_1_X_0.gft,

located in C:\Programmi\Gefran\Catalog\Custom\App\ADV200_1_X_0, then the program will generate a .zip file named saved file.zip, containing the file saved.gfe and the folder Custom\App\ADV200_1_X_0\ADV200_1_X_0.gft

[
Ì	

This window tool has the following input boxes:

- Zip FileName : path of the input file (.zip), already made by exportaion option
- Output Folder: path of the .gfe file just extracted

It unzips the .zip file checked, then places the .gft file in the original position and saves the .gfe file in the desired path.

All the existing files will be overwritten.

Maintenance

The "Maintenance" menu has a list of specific commands for each device.

You can also add external tools by means of the ServiceCommand.INI file. Links to the two conversion tools par2gfeW and par2gftW are present by default..



GFX4

The GFX4 device has the following commands:

Auto Baud

The AutoBaud command is used for setting device Baud Rate and Parity via software.

Press the Start key to send values to the device.

GFX AL	поваци	
Set B	aud Rate to: 19200	
	Set Parity to: N 💌	
	0%	
	Start	

Copy zone

The Copy Zone command is used for copying the values of a Zone and pasting them in another zone. Values are automatically copied and pasted when the Copy key is pressed. You can copy values to one or more destination zones by selecting multiple zones in the "Copy to" list.

	Copy to:
Copy from: zone1	zone2 zone3 zone4
Cc	py
0	%





Converting E@syDrives saved .par file

t	Service He	łp				
F	Convert I Convert I	E@syDrives par file MDPLC par file				
	Par2GfeW					
	Input File	1	 			
	Output File					
						~
l						
	1					<u>×</u>
				Conve	rt	Exit

This program has the following input boxes:

- Input File : path of the input file (.par)
- Output File: path of the output file (.gfe)

It builds an .xml file extended as .gfe (Output File) starting from a .par saved file (Input File) of a version already existing inside Catalog.

Convert MDPLC par file

🏟 par2gftW	Σ
Parameter File Configuration File	appConfig.xml
Generate gfe file Gfe Destination folder	<u></u>
]	· · · · · · · · · · · · · · · · · · ·
	Convert

This tool is to convert a par file created by MDPLC.

This program has the following input boxes:

- Parameter File : path of the input file (.par)
- Configuration File : path of the configuration file (AppConfig.xml)
- gfe destination folder: path of the folder containing the .gfe output file (optional)

It builds :

- a .xml file extended as .gfe (Output File)
- a .gft file of the MDPLC application (Output File), that will be used from GF_Net (network setting tool)

starting from a .par file.

Configuration File path is already set.





Glossario

GEFRAN





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