Replacement Guidebook (Software)

The 2nd Edition Dec.2021





Date	Edition	Updated Slide	Description
2020/11/12		-	Newly created
2021/12/15	2	10	Add more information on the Notes of using the Convert Resolution.







For the supported software for each hardware, see "About Software compatibility" in "Replacement Guidebook (Hardware)".



Agenda

Replacement of GP-Pro EX to GP-Pro EX 1 2 **Replacement of GP-Pro EX to BLUE Pro-face** VICPAS

HMI Parts Center

by Schneider Electric

1. Replacement of GP-Pro EX to GP-Pro EX





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Replacement Procedure –Work Flow-



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ICPAS

HMI Parts Ce



Requirements for receiving screen data from Model in use unit *1	PC in which GP-Pro EX Transfer Tool is installed. *2		
	A USB transfer cable : CA3-USBCB-01(Type A- Type A) A USB data transfer cable : ZC9USCBMB1(Type A- Type mini B) *3 A commercial USB cable (Type A- Type mini B) *3 ※Possible to send/receive a screen via a SD card , a USB storage device or Ethernet.		
Requirements for converting screen data of Model in use unit and transferring the converted data to Recommended substitute unit.	PC with GP-Pro EX installed *4		
	Transfer Cable (The following Cables can be used.) A USB transfer cable : CA3-USBCB-01(Type A- Type A) A USB data transfer cable : ZC9USCBMB1(Type A- Type mini B) *3 A communication USB cable (Type A- Type mini B) *3 ※Possible to send/receive a screen via a SD card , a USB storage device or Ethernet.		

*1: This step is required if screen data is saved only in the GP unit, not in any other device.

*2: Please use the same version or later as or than that of the software used during creating screens on GP-3500T/GP-3510T. If you don't know the version, we recommend you to use the newest version. For the newest version, you can download the transfer tool from our web site called [OtasukePro!] (<u>http://www.pro-face.com/otasuke/download/freesoft/gpproex_transfer.htm</u>). *3: It can be used with GP4000 Series or later models.

*4: Please check the compatible version of each model from our website. (<u>https://www.proface.com/ja/product/soft/gpproex/supported_models</u>)





In this section, we will introduce how to receive screen data with a USB transfer cable as an example. If you have backed up screen data, this step is unnecessary, skip to the next section.

 Connect your PC and Model in use unit with a USB transfer cable. If the driver of the cable has not been installed on your PC yet, a dialog box will appear. Please follow the instructions. 		5. Click [Receive Project], and the following dialog box will appear. Specify a place to save the received data in and a project file name, and then click [Save] to start transfer.	Save As
2. Start the Transfer Tool of GP-Pro EX.	Image: State Strategy State Strategy I		File name: Save Save as type: PRX Files (".prx) Cancel
 Make sure that the [Device] in the "Transfer Settings Information" is set to [USB]. If not, click the [Transfer Setting] button to open the "Transfer Setting" dialog box. Select [USB] in the Communication Port Settings field and click [OK]. 	Transfer Settings Transfer Settings Site Tran Communication Port Settin USB LAN Modem COM	 The following dialog box appears during transfer and you can check the communication status. (The display unit enters the Transferring mode and communication with the device such as a PLC is terminated.) 	Other Angest Other Image: A set of the set of
 Start GP-Pro EX Transfer Tool and click the [Receive Project] button. 	Image: Index Image: Index Image: Index Image: Index Image:	 When transfer is completed, the status displayed in the dialog box will change from [Transferring] to [Complete Transfer]. Click [Close] to close the dialog box. 	
	Tenene Insur; Des	8. Close the Transfer Tool.	

Save As

1. The "Hardware Installation" dialog box as shown on the right may appear during installing the USB driver depending on the security level of Windows®. Click [Continue Anyway] to start installing the driver. When installation is completed, click [Finish].

2. When a file exists, the window that confirms whether or not to overwrite the file will be displayed.

 If you receive the project files that use SD card/ USB flash data such as Recipe Function (CSV data), the following dialog box will appear during transfer. Specify a place to save the SD card/USB flash data in. Click [OK], and the [Receive Project] dialog box will return and transfer will be completed.





ware Installation

The software you are installing for this hardware: USB Link Cable [

sed Windows Logo testing

has not passed Windows Logo testing to verify its compability with Windows XP. [Tell me why this testing is montant.] Continuing your installation of this software may impain 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

Continue Anyway STOP Installation





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Change Display Unit			
Current Display			
Series	GP3000 Series		
	GP-35** Series		
Model	AGP-3500T Rev*-4 or later		
Orientation	Landscape		
Touch Panel	Analog		
	Ŷ		
New Display	*		
Series	SP5000 Series	-	
Box Module	SP-5B10 ·	-	
Display Module	SP-5500TP VGA (640*480)		
Orientation	Landscape	•	
Touch Panel	Analog (multi-touch)		
	Change Cancel		

The Display Module can be Changed on the "Project" -> "System Settings" -> "Change Display Unit" screen of GP-Pro EX.

If you check on [Convert Resolution] when changing the Display Unit type (as shown below), you can adjust both size and location of the part and the text relative to the display resolution automatically. But please note that their width gets larger due to change of horizontal resolution of the screen area. In this case, confirm their size and location and adjust them if necessary. Please check some examples below.

- A function that requires absolute coordinates. Please adjust the settings manually.
 - Global window
- Orientation Landscape

 Touch Analog

 Convert Resolution

 Change Cancel
- Position Animation
- Due to font size and resolution restrictions, manual changes may be required. Please resize them if needed
 - Font: In the case of using Standard font, the size will be smaller. You can improve by using Stroke font or Image font.
 - Objects
 - Parts
 - Images
 - Alarm parts
- Position may differ from the original project. Please check the coordinate of the window and adjust if needed.
 - Window display

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-Transfer screen data to recommended substitute unit (GP-Pro EX)-



In this section, we will introduce how to transfer screen data with a USB transfer cable as an example.

1.	· · · · · · · · · · · · · · · · · · ·		5.	Click [Send Project] to start transfer. When the following dialog box appears, click [Yes]. This dialog box doesn't appear when the same project file is sent again.	Transferring all projects will be executed. Is that OK?
	The "Initial Start Mode" screen will appear on the display unit. After transferring a project file once, this screen will not appear again.	Welcome の度はお買いまからただきかりがたうごでいます。 この好思のは主報道化セッドアップをおこなってください。 Think you for purchasing this unit Think pieces download the Rundime system the effer. Boot Ethernet	6.	The following dialog box appears during transfer and you can check the communication status. (The display unit enters the Transferring mode and communication with the device such as a PLC is terminated.)	South Append S
3.	On the GP-Pro EX's State Toolbar, click the [Transfer Project] icon to open the Transfer Tool. To transfer a different project file, click the [Select Project] button and select a project file.	Image: Standard Tool Tool (Standard Tool) Image: Standard Tool (Standard Tool) Tool (Standard Tool) Image: Image: Standard Tool (Standard Tool) Tool (Standard Tool) Image: Image	7.	When transfer is completed, the status displayed in the dialog box will change from [Transferring] to [Complete Transfer]. Click [Close] to close the dialog box.	Image:
4.	Make sure that the [Device] in the "Transfer Settings Information" is set to [USB]. If not, click the [Transfer Setting] button to open the "Transfer Setting" dialog box. Select [USB] in the Communication Port Settings field and click [OK].	Transfer Settings Transfer Settings Site Tran Communication Port Settin USB C LAN C Modem C COM	8.	Close the Transfer Tool	
			9.	Click the [X] mark on top right of the screen or [Project]- >[Exit] to close GP-Pro EX.	

2. Replacement of GP-Pro EX to BLUE





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Replacement Procedure –Work Flow-



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HMI Parts

-Preparation-



Requirements for receiving screen data from Model in use unit *1	PC in which GP-Pro EX Transfer Tool is installed. *2	
	A USB transfer cable : CA3-USBCB-01(Type A- Type A) A USB data transfer cable : ZC9USCBMB1(Type A- Type mini B) *3 A commercial USB cable (Type A- Type mini B) *3 ※Possible to send/receive a screen via a SD card , a USB storage device or Ethernet.	
Requirement for creating new project and transferring the data to Recommended substitute unit.	PC with BLUE installed. *4	
	Transfer Cable (The following Cables can be used.) A USB data transfer cable (for SP5000/GP4100) : ZC9USCBMB1(Type A- Type mini B) A commercial USB mini B transfer cable (for SP5000/GP4100) A USB transfer cable (for ST6000/STM6000) :PFXZUSCBMB2(Type A- Type micro B) A commercial USB micro B transfer cable (for ST6000/STM6000) %Possible to send/receive a screen via a SD card , a USB storage device or Ethernet.	

*1: This step is required if screen data is saved only in the GP unit, not in any other device.

*2: Please use the same version or later as or than that of the software used during creating screens on GP-3500T/GP-3510T. If you don't know the version, we recommend you to use the newest version. For the newest version, you can download the transfer tool from our web site called [OtasukePro!] (<u>http://www.pro-face.com/otasuke/download/freesoft/gpproex_transfer.htm</u>). *3: It can be used with GP4000 Series or later models.

*4: Please check the compatible version of each model from below.

Series	Product Name	Model Number	Supported version
SP5000	SP-5B10 Power BOX	PFXSP5B10	BLUE V.3.0 or later
	SP-5B90 Xtreme Box	PFXSP5B90	BLUE V.3.1 SP1 or later
	SP-5B00 Standard Box	PFXSP5B00	BLUE V.3.1 SP1 or later
ST6000	ST-6*00WA	PFXST6*00WAD	BLUE V.3.1 or later
STM6000	STM-6*00WA	PFXSTM6*00WAD	BLUE V.3.1 SP1B or later
GP4100	GP-411*T	PFXGP411*T2D	BLUE V.3.0 or later
Pro-face IPC, PC/AT	-	-	BLUE V.3.0 or later





In this section, we will introduce how to receive screen data with a USB transfer cable as an example. If you have backed up screen data, this step is unnecessary, skip to the next section.

 Connect your PC and Model in use unit with a USB transfer cable. If the driver of the cable has not been installed on your PC yet, a dialog box will appear. Please follow the instructions. 		5. Click [Receive Project], and the following dialog box will appear. Specify a place to save the received data in and a project file name, and then click [Save] to start transfer.	Save As
2. Start the Transfer Tool of GP-Pro EX.	Image: Section (Section (Sectio		File name: Save Save as type: PRX Files (".prx) Cancel
 Make sure that the [Device] in the "Transfer Settings Information" is set to [USB]. If not, click the [Transfer Setting] button to open the "Transfer Setting" dialog box. Select [USB] in the Communication Port Settings field and click [OK]. 	Transfer Settings Transfer Settings Site Tran Communication Port Settin USB LAN Modem COM	 The following dialog box appears during transfer and you can check the communication status. (The display unit enters the Transferring mode and communication with the device such as a PLC is terminated.) 	Other Angest Other Image: A set of the set of
 Start GP-Pro EX Transfer Tool and click the [Receive Project] button. 	Image: Index Image: Index Image: Index Image: Index Image:	 When transfer is completed, the status displayed in the dialog box will change from [Transferring] to [Complete Transfer]. Click [Close] to close the dialog box. 	
	Tenene Insur; Des	8. Close the Transfer Tool.	



In this section, we will introduce how to transfer screen data with a USB transfer cable as an example.

1.	Refer to the GP-Pro EX screen data received in advance and create a new project with BLUE.		 In Properties window, go to [Function] tab → [Basic] tab and acknowledge that [Type] in [Transfer Method] is [USB Cable]. 	Function Advanced Favorite Basic Options ★ Series ST6000 Series Model ST-6500WAD
	Connect your PC and the recommended substitute unit with a USB transfer cable. If the driver of the cable has not been installed on you PC, a dialog box will appear. Please follow the instructions.	Welcome この気はお買い家めいただきもりがとつごさいます。 この気景のまま報道セッドアップたあたなってください。 Thank you for purchasing this unit. To initize, please download the Runtime system from the editor.		Reso 1024 x 600 > Ethernet1 > Ethernet2 V Transfer X Type US8 Cable V Sec Prefere Ethernet US8 Cable FileSystem
		Boot Ethernet	 From the [Security Setting] select [Enable] and in the [Security Level] field set the security level required to perform transfer operations. 	✓ Transfer ★ Type USB Cable ▼ □
	When the power of the recommended replacement model is turned on, the "Initial transfer mode" screen is displayed. Once you transfer the project, this screen will not be displayed again.	BLUE C Project Explorer + Driver	*In the [Security Setting] if [Disable] is selected, the project file is transferred without user authentication.	Sec Enable 🝷 🖬
		 Project Settings System Architecture Target01 	 On the Application toolbar, click the icon. O BLUE D B ⋅ B ⋅ X ⋅ B ⋅ B ⋅ I 	
4.	Select "Target" from "System Settings" in the BLUE Project Explorer window. If you want to transfer a different project file, you can click the "Open Project" button and select	Driver	 The Download Manager dialog box displays the status. You will be prompted for a [User name] and [Password]. Enter the user name and password for a user that satisfies the required security level and click [OK]. 	Download Manager × Downloading 0 % Cancel
	the project file.		 Close the Download Manager dialog box after the transfer is complete. After the project has been transferred successfully, the display unit restarts and runs the transferred project. 	



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