## Utility Software Data Connection For 22S Instruction Manual



Please read this instruction manual carefully before installation.



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### 1 Introduction

Data Connection For 22S ("Data Connection") is the software included in the package of 22S; the splicer series manufactured by Fujikura. Read this installation manual before installing Data Connection

## 2 System Requirements

Computer and processor	1.6 gigahertz(GHz) processor or higher				
	(In case Core <sup>™</sup> i3, Intel Corp)				
Operating System	Microsoft Windows Vista SP2 (32bit)				
	Microsoft Windows 7 SP1 (64bit / 32bit)				
	Microsoft Windows 8				
	*The operating system must be updated by				
	Windows Update				
Memory	2GB (Windows Vista SP2)				
	4GB (Windows 7 SP1, Windows 8)				
Hard Disk	100MB available space				
Drive	CD-ROM or DVD drive				
Display	1024x768, or higher resolution				
	24bit, or higher color				
Other	USB 2.0 Port				
	Capable of Internet Access, 56kbps or higher				
	Broadband access is recommended				

## 3 Install

### Login to the PC using an account with administrator privilege

Administrator privilege is required when installing the software.

If you do not have an account which has administrator privilege, ask the supervisor of the PC for installation.

### Exit all programs running on the PC

Exit all programs running on the PC. Some programs may prevent installation. Specifically do not install Data Connection when the communication software for another series of splicer is running.

#### Perform Windows Update or Microsoft Update

Operating System must be updated by latest update.

Perform Windows Update or Microsoft Update before starting installation.

To go to Windows Update or Microsoft Update, select [Start] > [All Programs] > [Windows Update] or [Microsoft Update].



Internet connection is necessary in order to perform Windows Update or Microsoft Update.

### 4 Install the Software

- (1) Confirm that the USB cable is not connected.
- (2) Insert the instruction CD into CD-ROM or DVD drive.
- (3) After a few seconds, instruction menu will be shown automatically. If the menu is not shown, double-click "Utility.exe" which is in the root of the instruction CD.

Share with 🔻 New folder	
Name	Date modified
퉬 DotNetFx	11/28/2014 1:20 PM
퉬 manual	11/28/2014 1:20 PM
🌗 vcredist	11/28/2014 1:20 PM
퉬 хб4	11/28/2014 1:20 PM
퉬 х86	11/28/2014 1:20 PM
😑 Installer.exe	11/27/2014 8:37 PM
😑 Utility.exe	11/25/2014 7:47 PM
🔃 autorun.inf	10/13/2012 3:23 PM
📄 install.txt	11/25/2014 8:15 PM

(4) Click [Load Data Connection Software] button.

Fujikura 22S Fu	ision Splicer [ver.1.0.1.0]
	<b>22S Fusion Splicer</b>
	Utility Software
	Instruction Manual (PDF)
	Software Manual (PDF)
	Load Data Connection Software
	Exit
	Software Manual (PDF) Load Data Connection Software Exit

ission t
7



(5) License Agreement confirmation window will be shown. Click [ACCEPT] button if you accept the License Agreement. If you do not accept the License Agreement, click [DECLINE] button. In this case, installation will be cancelled.



(6) Installation of necessary software and driver will start.

#### Necessary software and driver for Data Connection

- Microsoft .NET Framework 4 Client Profile
- Microsoft Visual C++ 2010 Redistributable
- Usb Driver

#### (a) Installation of Microsoft .NET Framework 4 Client Profile

If "Microsoft .NET Framework 4 Client Profile" has not been installed, [Microsoft .NET Framework 4 Client Profile Setup] window will be shown.

If the installation is not necessary, the following window will not be shown. Proceed to following page

Check [I have read and accept the license terms] and click [Install] button.

Microsoft .NET Framework 4 CI	ient Profile Setup	_ <b>_</b> ×
.NET Framework 4 Client Profi Please accept the license tern	<b>le Setup</b> ns to continue.	Microsoft .NET
MICROSOFT So	OFTWARE	• •
Download size estimate: Download time estimates:	0 MB Dial-Up: 0 minutes Broadband: 0 minutes	
		Instal

When the following window is shown, click [Finish] button to complete the installation.

Microsoft .NET Framework	4 Client Profile Setup
Microsoft* .NET	Installation Is Complete
	Check for more recent versions on <u>Windows Update</u> .
	Finish

#### (b) Installation of Microsoft Visual C++ 2010 Redistributable

If "Microsoft Visual C++ 2010 Redistributable" has not been installed, [Microsoft Visual C++ 2010 Redistributable Setup] window will be shown.

If the installation is not necessary, following window will not be shown. Proceed to following page

Check [I have read and accept the license terms] and click [Install] button.

Microsoft Visual C++ 2010 x86 Redistributable Setup
Welcome to Microsoft Visual C++ 2010 x86 Redistributable Setup Please, accept the license terms to continue.
MICROSOFT SOFTWARE LICENSE TERMS
☑ I have read and accept the license terms.
Yes, send information about my setup experiences to Microsoft Corporation. For more information, read the <u>Data Collection Policy</u> .
Instal Cancel

When the following window is shown, click [Finish] button to complete the installation.



#### (c) Uninstallation of existing USB driver

If the old version of USB driver has been installed, [Confirm Uninstall] window will be shown.

If the uninstallation is not necessary, the following window will not be shown. Proceed to following page

#### Click [OK] button.

Confirm Uninstall	X	
Do you want to completely remove the select	ed application and all of its features?	
	OK Cancel	

When the following window is shown after the uninstallation, click [Finish] button to complete the uninstallation.



#### (d) Installation of USB driver [FjkUsbDv InstallShield Wizard] window will be shown.



When the following window is shown after the installation, click [Finish] button to complete the installation.



If the following message is shown, click [Install] button.



If the following security message was shown, click "Install this driver software anyway".



(7) Installation of the main program of Data Connection will start. During the installation, the following message is shown.



(8) When the following message is shown, click [OK] button to complete the installation.



(9) Click [Exit] button to close the menu.



(10) Install device driver.

P

Turn on the splicer and connect to the PC with USB cable.

"Installing device driver software" message will be shown at notification area in task bar.



When the driver installation is complete, "Device driver software installed successfully" message will be shown.



If the "Device driver software installed successfully" message was not shown in a few minutes, please read [Installation of the Device Driver Failed] in [Chapter 7: Troubleshooting]

### 5 How to use the Data Connection For 22S

Double-click the shortcut on the desktop or click "Data Connection For 22S" in the [Start] > [All Programs] > [Fujikura] menu.





Turn on the splicer and connect to PC with USB cable.

If the USB communication is ready, "CONNECTED" message will be shown at the bottom left of Data Connection window.

Data Connection For 22S [Version 1.0.2.0]				
HELP(H)				
Memory		Settings	Firm	ware Update
		Splice Result		
				1
	Download All Memories	Open File	Save File	Save As . XLS
CONNECTED Model: 22S Versio	on: 01.01 Serial No.:			

If the "CONNECTED" message was not shown, please read [USB Communication Does Not Works] in [Chapter 7: Troubleshooting]

### 5.1 Splice Result Memory

֎

In [Memory] page, the splice result memory can be downloaded and saved.

- Splice result memory can only be downloaded. P
  - It can not be uploaded to splicer.

#### **Download Splice Result Memory** 5.1.1

(1) Confirm that the splicer is in "READY" state.

Press [RESET] key to change the splicer to "READY" state.

(2) Select [Memory] page, and click [Download All Memories] button to download all stored splice results.



#### 5.1.2 Save Splice Result Memory

(1) Click [Save File] or [Save As .XLS] button to save the splice result memories.

Data Connection For 22S [Version 1.0.2.0]											
HELP(H)	HELP(H)										
	Memory Settings Firmware Update										
			Splice Result								
Memory No.	Date	Comment	Fiber Type	Mode Title 1	Mode Title 2	Loss	Offset Pause	a			
▶ No.1	2015.05.24 11:23		SM AUTO	SM AUTO		0.11 dB	0.0 µm				
No.2	2015.05.24 11:24		SM AUTO	SM AUTO		0.78 dB	0.0 µm				
No.3	2015.05.24 11:26		SM AUTO	SM AUTO		0.01 dB	0.0 µm				
1977 L								<b>F</b>			
		Download All Memorie	op Op	ben File	Save File		ave As . XLS				
Con	npleted										
CONNECTED	Model: 22S Version:	01.01 Serial No.:									

#### [Save File]

Data is saved to a file. Only Data Connection can open this data file.

#### [Save As .XLS]

Data is exported as XLS file so that the data can be opened by Microsoft Excel. Note that Data Connection cannot open this exported file.

#### 5.1.3 **Open Splice Result Memory Data**

Ŷ This function is available without USB connection.

Select [Memory] page, and click [Open File] button. When the file open dialog is shown, select the saved file.

Data Connection For 2	25 [ Version 1.0.	2.0 ]								
HELP(H)										
	Memory			Setti	ngs			Firmwai	re Update	
	-			Colig	Desult					
8				Splice	Result					
		Download	All Memories		Onen Eile		Save File	a	Save As XI	S
		Dominouur	a memories		opennie		Cavern		00/07/07.770	
CONNECTED	Model: 22S	Version: 01.01 Se	rial No.:							
					-					
				_						
					-					
	Data Connection F	or 225 [ Version 1.0.2.0 ]						(- • • ×		
	HELP(H)	Momony		Calling		-	immune II	lata		
	L	менногу		Setting:	S	F	inniware Upo	INIG	1	
	Memory No	Date	Comment	Splice Re	Sull Mode Title 1	Mode Title 2	Loss	Offeet Pause		
	No.1	2015.05.24 11:23	Somment	SM AUTO	SM AUTO	mode nue z	0.11 dB	0.0 µm		
	No.2	2015.05.24 11:24		SM AUTO	SM AUTO		0.78 dB	0.0 µm		
	NO.3	2010.00.24 11:26		SIVIAUTO	SIVIAUTO		0.01 08	0.0 µm		

Open File

Save File

Download All Memories

ion: 01.01 Serial No

Completed

Model: 22S Ver

ONNECTED

Save As . XLS

### 5.2 Download, Save, Edit and Upload Settings

In [Settings] page, the splice settings can be downloaded, saved, edited and uploaded. [Setting] page consists of 3 additional pages.

Please note that some items are displayed on the page which is different from splicer.

Item	Page in Splicer	Page in Data Connection	
Splice Mode	Splice Menu	Splice Mode Settings	
Heater Mode	Heater Menu	Heater Mode Settings	
Pause	Splice Monu		
Auto Start	Splice Meriu		
Auto Start	Heater Menu		
Splice Settings		Other Settings	
Maintenance Settings	Sotting Monu		
Machine Settings	Setting Menu		
Menu Lock Settings			

#### 5.2.1 Download Settings

Confirm that the splicer is in "READY" state.

Press [RESET] key to change the splicer to "READY" state.

#### Select [Settings] page.

Data Connection For 22S [Version 1	L.O.2.0 ]				
HELP(H)					
Memory			Settings	F	Firmware Update
Splice Mode Settings	Heater Mode Se	tings Ot	her Settings		
			Start No. 1	End No. 100	Upload
Upload All Settin	ngs Downloa	d All Settings	Open File	Save File	Save As . XLS
CONNECTED Model: 22S	S Version: 01.01 S	erial No.:			

Download all of [Splice Mode Settings], [Heater Mode Settings] and [Other Settings]

Click [Download All Settings] button

Download one of [Splice Mode Settings], [Heater Mode Settings] and [Other Settings]

Select page you want to download, and click [Download] button. (In above picture, [Splice Mode Settings] will be downloaded.)



#### 5.2.2 Save Settings

Click [Save File] or [Save As .XLS] button to save the settings. When file save dialog is shown, input file name and destination.

Data Connection For 22S [Version	n 1.0.2.0 ]				Statement of the local division of the local	- • ×
HELP(H)						
Memory		Settir	ngs		Firmware Update	
Splice Mode Settings	Heater Mode Settings	Other Se	ettings			
	No.1	No.2	No.3	No.4	No.5	No.6
Fiber Type	SM AUTO 👻	MM AUTO +	NZ AUTO 👻	SM FAST -	MM FAST -	NZ F/
Mode Title 1	SM AUTO	MM AUTO	NZ AUTO	SM FAST	MM FAST	NZ
Mode Title 2						
AUTO						
Loss Limit [dB]	0.20	0.20	0.20	0.20	0.20	
Cleave Limit [°]	3.0	5.0	1.5	3.0	5.0	
Cleave Shape Error	ON 🔻	ON +	ON 🔫	ON 🔫	ON 🔫	
Fiber Angle Limit [°]	1.0	2.0	1.0	1.0	2.0	
Arc Power [bit]	AUTO	AUTO	AUTO	STD+5	STD+5	34 - L
Arc Time [ms]	AUTO	AUTO	AUTO	1500	2300	
Cleaning Arc [ms]	150	150	150	150	150	
Rearc Time [ms]	800	800	800	800	800	
OTHERS						
Loss Limit [dB]						
Cleave Limit [°]						
Cleave Shape Error						
Fiber Angle Limit [°]						
Cleaning Arc [ms]						
Gap [µm]						
· · _ · · · · · · · · · · · · ·	1 1	1		1		•
			Start No. 1	End No. 100	Upload	Download
Upload All Set	tings Download All S	ettings	Open File	Save File	Save A	As . XLS
Completed	904				800	
CONNECTED Model: 2	2S Version: 01.01 Social N	0.5				
CONNECTED Model Z	25 Version, 01.01 Senaria	0				

#### [Save File]

Data is saved to a file. Only Data Connection can open this data file.

#### [Save As .XLS]

Data is exported as XLS file so that the data can be opened by Microsoft Excel. Note that Data Connection cannot open this exported file.

#### 5.2.3 Open Settings Data

P This function is available without USB connection.

Select [Settings] page and click [Open File] button. When file open dialog is shown, select the saved file.

Data Connection For 22S [Version	1.0.2.0 ]			
HELP( <u>H</u> )				
Memory		Settings	Fir	mware Update
	1			
Splice Mode Settings	Heater Mode Settings	Other Settings		
Control mode countings	Tiedler mode Gettings	Ouler Detuligs		
		Start No	1 End No. 100	Upload Download
		4		
Upload All Setti	ngs Download All Set	tings Open File	Save File	Save As . XLS
				d
CONNECTED Model: 22	S Version: 01.01 Serial No.			

#### 5.2.4 Edit Settings

Click the cell to edit.

There are specific methods to change the setting. Follow the Data Connection display to change the setting.

When the value of "Fiber Type" is changed, all parameters in the selected mode will be reset to original factory values.

When the value of "Sleeve Type" is changed, all parameters in the selected mode will be reset to original factory values.

#### (a) Select item from list.

Splice Mode Settings	Heater Mode Sett	ings Other
	No.1	No.2
▶ Fiber Type	SM AUTO 🚽	MM AUTO 🔻
Mode Title 1	AUTO	MM AUTO
Mode Title 2	SM AUTO	
AUTO	NZ AUTO	
Loss Limit [dB]	MM AUTO	0.20
Cleave Limit [°]	SM FAST	5.0
Cleave Shape Error	NZ FAST	ON 🔻
Angle Limit [°]	DS FAST	2.0
Arc Power [bit]	MM FAST	AUTO
Arc Time [ms]	NZ	AUTO
Cleaning Arc [ms]	DS	150
Rearc Time [ms]	MM	800

#### (b) Change value with bar.

Splice Mode Settings	Heater Mode Setti	ngs Other	
	No.1	No.2	
Fiber Type	SM AUTO 🔻	MM AUTO 🔻	
Mode Title 1	SM AUTO	MM AUTO	
Mode Title 2			
AUTO			
Loss Limit [dB]	0.20	0.20	
Cleave Limit [°]	3.0		
Cleave Shape Error	ON 🔻	ON 🔻	
Angle Limit [°]	1.0	2.0	
Arc Power [bit]	AUTO	AUTO	
Arc Time [ms]	AUTO	AUTO	
Cleaning Arc [ms]	500	150	



#### (c) Input with keyboard directly.

Splice Mode Settings	Heater Mode Settings	Other Settings
	No.1	No.2
Sleeve Type	60mmS / FP-03	▼ 40mmS / FP-03 (L=40) ▼
Mode Title 1	60m	mS 40mmS
Mode Title 2	FP	03 FP-03 (L=40)
Heat Time [sec]		30 41
Heat Temperature [°C]	2	35 230
Finish Temperature [°C]	1	00 100

#### 5.2.5 Upload Settings

0

Confirm that the splicer is in "READY" state.

Press [RESET] key to change the splicer to "READY" state.

<u>Upload all of [Splice Mode Settings], [Heater Mode Settings] and [Other Settings]</u>

Click [Upload All Settings] button

<u>Upload one of [Splice Mode Settings], [Heater Mode Settings] and [Other Settings]</u>

Select the page you want to upload, and click [Upload] button.

(In the following picture, only [Splice Mode Settings] will be uploaded.)

Memory		Settings			Firmware Update	
Splice Mode Settings	Heater Mode Settings	Other Se	attings			
	No.1	No.2	No.3	No.4	No.5	No.
Fiber Type	SM AUTO -	MM AUTO -	NZ AUTO -	SM FAST -	MM FAST +	NZ
Mode Title 1	SM AUTO	MM AUTO	NZ AUTO	SM FAST	MM FAST	1
Mode Title 2						
AUTO						
Loss Limit [dB]	0.20	0.20	0.20	0.20	0.20	
Cleave Limit [°]	3.0	5.0	1.5	3.0	5.0	
Cleave Shape Error	ON -	ON -	ON 👻	ON 🔫	ON 🔫	
Fiber Angle Limit [°]	1.0	2.0	1.0	1.0	2.0	
Arc Power [bit]	AUTO	AUTO	AUTO	STD+5	STD+5	
Arc Time [ms]	AUTO	AUTO	AUTO	1500	2300	
Cleaning Arc [ms]	150	150	150	150	150	
Rearc Time [ms]	800	800	800	800	800	
OTHERS						
Loss Limit [dB]						
Cleave Limit [°]						
Cleave Shape Error						
Fiber Angle Limit [°]						
Cleaning Arc [ms]						
Gap [µm]						
	1 1					
			Start No. 1	End No. 100	Upload	Download
Upload All Setti	ings Download All S	ettings	Open File	Save File	Save A	s . XLS
Completed						

In [Splice Mode Settings] or [Heater Mode Settings] page, you can select the mode number to upload specifying the [Start No.] and [End No.]

### 5.3 Firmware Update

[Firmware Update] page provides firmware update function of the splicer.

When the PC is connected to internet, Data Connection downloads firmware update file from our server and installs it to the splicer.

Otherwise, if you have the firmware update file, the firmware can be installed to splicer using Data Connection without internet connection.



- [1] Information of latest firmware
- [2] Checkbox to enable check of the firmware information at logon. When the information is updated, message will be shown.
- [3] Button to check the firmware information.

#### 5.3.1 Install the Latest Firmware Released on the Internet

- During firmware installation,
- Do not turn off the splicer.
  - Do not disconnect USB cable.

#### (1) Confirm the following

P

- The splicer is connected to PC with USB cable.
- The splicer is in "READY" state.
- The PC is connected to Internet.
- (2) Select [Firmware Update] page, and click [Download and install latest firmware] button.

Memory		Settings	Fim	nware Update
Installing t	he latest fi F	rmware release	ed on the interne	et site
	Version	Updated	Size	
	01.01	2015-01-29	3753KB	
Check the	e firmware informati	ion automatically	Check the firmware information	
Inst	Downlo alling the f	ad and install latest fi	an update file	
	Ins	stall using an update t	file	
	Use this funct The upo Please	tion if the PC cannot access t date file is necessary for this t contact distributor to get upd	o the Internet. function. late file.	

If the update file can not be downloaded, "Connect the PC to the internet" message will be shown. In this case, confirm the internet connection using web browser.

If the message is shown despite the PC can access the internet, the firewall of network system may block downloading the file. Please consult the administrator of your network system.

(3) Firmware update will start, and status bar at bottom left of Data Connection will progress.

Memory		Settings	Firmw	are Update
Installing the	latest fi	rmware release	ed on the internet	site
	F	irmware informatio	n	
V	ersion	Updated	Size	
	01.01	2015-01-29	3753KB	
Check the firm	nware informati	on automatically	Check the firmware information	
	Downlo	ad and install latest f	ïrmware	
Install	ing the f	firmware using	an update file	1
	Ins	stall using an update	nie	
	Use this functi The upd Please	ion if the PC cannot access late file is necessary for this contact distributor to get upo	to the Internet. function. Jate file.	

If the latest firmware has already been installed to the splicer, the following message will be shown and firmware will not updated.



(4) When the following message is shown, click [OK] button to finish the update. Confirm that the splicer restarts and "READY" state is indicated on screen.



0

If the firmware update failed, the following problem will occur • The splicer can not be turned on.

- (The splicer does not restart after firmware update)
- "READY" state is not indicated on screen although the splicer is turned on.

When above problem occurs, please read [Installation of Firmware Failed] in [Chapter 7: Troubleshooting]

#### 5.3.2 Install the Firmware Using an Update File

- During firmware installation,
- Do not turn off the splicer.
  - Do not disconnect USB cable.
- (1) Confirm the following

0

- The splicer is connected to PC with USB cable.
- The splicer is in "READY" state.
- (2) Select [Firmware Update] page, and click [Install using an update file] button.

the latest fi F	rmware release	ed on the internet site
F	IN CONTRACTOR OF A DESCRIPTION OF A DESCRIPANTE A DESCRIPANTE A DESCRIPANTE A DESCRIPTION OF A DESCRIPTION O	
	irmware informatio	n
Version	Updated	Size
01.01	2015-01-29	3753KB
he firmware informati	on automatically	Check the firmware information
Downlo	ad and install latest f	irmware
Ins	stall using an update	file
Use this funct The upo Please	ion if the PC cannot access tate file is necessary for this contact distributor to get upo	to the Internet. function. Jate file.
	he firmware informati Downlo talling the t Ins Use this funct The upo Please	he firmware information automatically Download and install latest f talling the firmware using Install using an update Use this function if the PC cannot access The update file is necessary for this Please contact distributor to get upo

(3) When file open dialog is shown, select the update file.

Documents library Includes: 2 locations	Arrange by:	Folder 🔻
Name	Date modified	Туре
225_0101_DC.fjk	1/23/2015 8:59 AM	FJK File
	Documents library Includes: 2 locations Name 225_0101_DC.fjk	Documents library     Arrange by:       Includes: 2 locations     Date modified       Name     Date modified       225_0101_DC.fjk     1/23/2015 8:59 AM

(4) Firmware update will start, and status bar will progress.

Momony		Sottings	Firmware	Indate
wentory		Seuriys	Timware	opuale
Installing	a the latest fi	rmware release	ed on the internet si	te
	F	Firmware information	on	
	Version	Updated	Size	
	01.01	2015-01-29	3753KB	
[☑] Che	ck the firmware informat	ion automatically	Charletter formulation	
		L	Check the limware mornation	
	Downlo	ad and install latest	firmware	
Ir	nstalling the	firmware using	j an update file	
	Ins	stall using an update	file	
	Use this funct	tion if the PC cannot access	to the Internet.	
	The upo Please	date file is necessary for this contact distributor to get up	function. date file	
	. ieuse	get up		

If the latest firmware has already been installed to the splicer, the following message will be shown and firmware will not updated.



(5) When the following message is shown, click [OK] button to finish the update. Confirm that the splicer restarts and "READY" state is indicated on screen.



P

If the firmware update failed, the following problem will occur • The splicer can not be turned on.

- (The splicer does not restart after firmware update)
- "READY" state is not indicated on screen although the splicer is turned on.

When above problem occurs, please read [Installation of Firmware Failed] in [Chapter 7: Troubleshooting]

### 5.4 Update Data Connection

Data Connection has self-update feature. If the following message is shown when Data Connection is starting, click [OK] button to start updating Data Connection.



### 6 Uninstall the Data Connection

- (1) Confirm that the USB cable is not connected.
- (2) Insert the instruction CD into CD-ROM or DVD drive.
- (3) After a few seconds, instruction menu will be shown. If the menu is not shown, double-click "Utility.exe" which is in the root of the instruction CD.

Share with 🔻 New folder	
Name	Date modified
퉬 DotNetFx	11/28/2014 1:20 PM
퉬 manual	11/28/2014 1:20 PM
퉬 vcredist	11/28/2014 1:20 PM
\mu хб4	11/28/2014 1:20 PM
퉬 х86	11/28/2014 1:20 PM
Installer.exe	11/27/2014 8:37 PM
😋 Utility.exe	11/25/2014 7:47 PM
📰 autorun.inf	10/13/2012 3:23 PM
📄 install.txt	11/25/2014 8:15 PM

(4) Click [Load Data Connection Software] button.

Fujikura 22S Fu	sion Splicer [ver.1.0.1.0]
	22S Fusion Splicer Utility Software
	Instruction Manual (PDF)
	Software Manual (PDF)
	Load Data Connection Software
	Exit
	Software Manual (PDF) Load Data Connection Software Exit

(5) When the following window is shown, click [Uninstall] button.

	ancenon
	Uninstallation
USB Driver	✓ Installed(ver 08.00)
Data Connection	✓ Installed(ver 1.0.2.0)
	Uninstall
	Uninstall
	Exit

(6) When the [Confirm Uninstall] message is shown, click [OK] button to continue.

Confirm Uninstall	
Do you want to completely remove the se	lected application and all of its features?
	OK Cancel

(7) When [Maintenance Complete] window is shown, click [Finish] button.



(8) When the following message is shown, click [OK] button to complete installation.



(9) Click [Exit] button to close menu.



## 7 Troubleshooting

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When trouble occurs during installation or when using Data Connection, please read this chapter.

If the trouble is not fixed despite performing the following procedure, please contact us.

### 7.1 Installation of the Device Driver Failed

When first connecting to PC, the device driver should be installed automatically. If the installation failed (the following window was shown), install device driver according to procedure listed in the following pages.



- (1) Open [Control Panel] > [System] > [Hardware] > [Device Manager] menu to open "Device Manager".
- (2) Right-click on "FJK-GS-003" in the [Jungo] or [Other devices] and select "Update Driver Software...".

If "FJK-GS-003" is not listed, confirm the following.

- The splicer is connected to PC with USB cable.
- The splicer is turned on.

🕌 Device Manager		
File Action View Help	M	
🔶 🧼   💼   🛅 🚺 🖬	0 🙀 😭 🙀 🕼	
<ul> <li>IEEE 1394 Bus host</li> <li>Jungo</li> <li>Keyboards</li> <li>Mice and other po</li> <li>Monitors</li> <li>Network adapters</li> </ul>	controllers inting devices	
FJK-GS-003     PCMCIA adapte     Processors     SD host adapte     Smart card reac     Sound, video a     Storage control     System devices     Universal Serial Bu	Update Driver Software Disable Uninstall Scan for hardware changes Properties s controllers	

(3) Click "Browse my computer for driver software".



(4) Click [Browse...] button and select "C:\FjkUsbDv". After selecting, check [Include subfolders] and click [Next] button.

Update Driver Software - FJK-GS-003	X
Browse for driver software on your co	mputer
Search for driver software in this location:	
C:\FjkUsbDv	Browse
Let me pick from a list of device d This list will show installed driver software co software in the same category as the device	frivers on my computer ompatible with the device, and all driver
	Next Cancel

(5) When the following message is shown, click "Install this driver software anyway".



(6) When the following window is shown, click [Close] button

0	Update Driver Software - FJK-GS-003	×
	Windows has successfully updated your driver software	
	Windows has finished installing the driver software for this device:	
	FJK-GS-003	
		Close

(7) Close "System Properties" and "Device Manager".

### 7.2 Data Connection Does Not Run

#### Data Connection is not shown although the icon was clicked

- (a) Windows may not be updated to latest version. Perform Windows Update or Microsoft Update to update Windows.
- (b) Memory capacity or CPU speed may be insufficient to meet the system requirement.
  - Close other running applications.
  - Confirm that memory capacity and CPU speed meet the system requirement.

# ".NET Framework Initialization Error" is shown when Data Connection is launched



- (a) "Microsoft .NET Framework 4 Client Profile" may not be installed. Double-click "dotNetFx40\_Client\_x86\_x64.exe" in "DotNetFx" folder in instruction CD to install "Microsoft .NET Framework 4 Client Profile".
- (b) Windows may not be updated to latest. Perform Windows Update or Microsoft Update to update Windows.

#### .NET Framework error is shown when Data Connection is launched

X	Unhandled exception has on Continue, the application we you click Quit, the application	occurred in your application. I ill ignore this error and attemp on will close immediately.	f you click It to continue. I
	Could not load file or assem Culture=neutral, PublicKeyT dependencies. The system	bly 'UsbFsm2xServer, Versio Foken=3d1021e5d98ef870' c cannot find the file specified	n=1. <mark>0</mark> .1.0, or one of its
De	tails		Quit

 (a) "Microsoft Visual C++ 2010 Redistributable" may not be installed. Double-click following file in "vcredist" folder in instruction CD to install "Microsoft Visual C++ 2010 Redistributable".
 64bit OS: vcredist\_x64.exe

32bit OS: vcredist x86.exe

(b) Windows may not be updated to latest version. Perform Windows Update or Microsoft Update to update Windows.

### 7.3 Installation of Firmware Failed

If the installation of firmware failed, the following problem will occur.

When the problem occurs, perform the following procedure to install the firmware again.

- The splicer can not be turned on (Splicer does not restart after installation).
- The splicer turns on, but "READY" state is not indicated.
- (1) Turn off the splicer.
- Then keep holding down the [RESET] key and turn on the splicer again. (Keep holding down keys until "SOFTWARE UPDATE MODE" is indicated on the screen.)
- (3) In the [Firmware Update] page of Data Connection, click [Download and install latest firmware] button to install the firmware again.

If the update failure persists or you have some questions about this procedure, please contact us.

### 7.4 USB Communication Does Not Works

Confirm that the "CONNECTED" is indicated at bottom left of Data Connection window.

#### "DISCONNECTED" is indicated

- (a) Confirm that the splicer is connected to PC with USB cable.
- (b) Confirm that the splicer is turned on.
- (c) Confirm that the splicer is in "READY" state. Press [RESET] key to change splicer to "READY" state.
- (d) If the external USB hub is used, connect the USB cable to PC directly.
- (e) USB driver may not be installed correctly. Install the Data Connection again.

# <u>"Communication Error" message was shown during downloading or uploading ("CONNECTED" is indicated)</u>

- (a) Confirm that the splicer is in "READY" state. Press [RESET] key to change splicer to "READY" state.
- (b) If the external USB hub is used, connect the cable to PC directly.
- (c) The firmware version of splicer may not be the latest. If the firmware is not the latest, update the firmware of splicer.

### 8 Contact Address

Inquiries concerning products should be made to the nearest distributor or one of the following:

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