# For Sumitomo Fusion Splicer Maintenance Application User Guide



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# 0. Introduction

The Maintenance Application is the PC software specially designed for Sumitomo fusion splicers and always used with a splicer connected via USB cable <u>for the purpose of not only updating splicer software</u> <u>but also taking remote diagnosis support from your regional maintenance center.</u>

Please read this manual carefully and keep a suitable storage for reference

Note: Currently the Application only supports the TYPE-71C/TYPE-Q101-CA/TYPE-81C/Z1C splicers.



#### **Recommended system requirements**

OS: Windows 7, Windows Vista, Windows XP SP3 or later Processer: Intel Pentium III 12.GHz or faster Memory: 2GB or more HDD: Minimum 1 GB of capacity (more than 1 GB of hard disc space) Network: Ethernet (1Mbps or better)

#### **Required item**

A USB cable (2.0 mini-B type)

#### **Procedure overview**



# **1. Downloading the Maintenance Application**

### 1-1. Microsoft .NET Framework 4

To use the Maintenance Application, **Microsoft .NET Framework 4** is required. First make sure that the PC has the Framework 4 installed. And if not, download it from Microsoft web site. (English version: <u>http://www.microsoft.com/download/en/details.aspx?id=17718</u>)

After you've done this step, go to step 1-2. (See the next page.)

Download: Microsoft .NET Framework 4	(Standalone Installer) - Micn	osoft Download Center - Downl	- Windows Internet	Explorer			
🕒 🕞 🗢 🔣 http://www.microsoft.com	n/download/en/details.aspx?i	d=17718			•	😽 🗙 🦅 Yahoo! JAPAN	ρ-
ファイル(F) 編集(E) 表示(V) お気に,	入り(A) ツール(T) ヘルプ(H	)					
🖕 お気に入り 🛛 🔡 🔻 🏀 SEI Portal Site	e <b>₽</b> PS3™ PC Upda	te   Sy 🔣 Download: Micro	so 🗴 🕌 *pc doe	s not have""in	👌 • 🖻 •	□ ♣ • ページ(P) • ·	セーフティ(S) • ツール(O) • 🕢 • 🦈
Win	dows Office Produ	ct downloads Downloa	d categories	Security Re	sources		
Micro	Microsof	ft .NET Frame	ework 4	(Standa	alone Inst	aller) 🔊 Subscrib	e
↓ Ove ↓ Sysi ↓ Inst	:k links erview tem requirements ructions ditional information	The Microsoft .NE Framework runtim develop applicatio Quick detail	e and associ ns to target	ated files th	at are required		
		Version: Change Language:	4 English	•	Date Published:	2/21/2011	
83.0	Office 365	File Name			Size		
	osoft e 365 新登場。 Cがクラウドでつながる	dotNetFx40_Full_x86_>	64.exe		48.1 MB	DOWNLOAD	
	中で就用 Microsoft				- 🐼 A 18	🕙 😡 🥪 🕢 Kana 🙄	
		Ourselisio			0.00	-ネット 保護モード:有効	- 

### 1-2. Logging in to Maintenance Application download page

To download the Maintenance Application, open your web browser and go to Sumitomo internet service system web site <a href="http://www.rim-plus.sei.co.jp/">http://www.rim-plus.sei.co.jp/</a>. (The web site address is also stated in the splicer operation manual.) Scroll down the page and click the link in the Download section.

Fusion Splicer Internet Service System - Windows Internet Explorer			
🕞 🔄 🔹 http://www.zim-plut.sei.co.jp/ 🔹 😫 😽 🗶	🔁 Bing	ρ - q	
🖕 Favorites 🛛 🍰 🖉 Web Slice Gallery 🕶			
🖉 Fusion Splicer Internet Service System	→ □ ♣ + Page + Safety + Tgole	• @• "	
SEF Fusion Splicer Internet Service System	Jaconese	÷	
News			
<ul> <li>The server will be down for maintenance on Saturday Jan. 14th 2012 11.0 During that time, all remote services will be unavailable. We're sorry for the inconvenience.</li> <li>Fusion Splicer Internet Service System now available! ~posted on dd/mm</li> </ul>			his link.
Service Overview			
Using "Maintenance Application", you can update your splicer software and	Item		Requirement
Data center ( Maintenance Site )	Internet connection	Broadband inte	rnet connection (ADSL/Fiber)
Maintenance and Application Remately control splice Deventoad software	Connection port <b>Down I oad</b> To download Maintenanc (※You are required to e		of your splicer to download the Maintenance Application
	How to use Mair	• • • • •	

The Login page is displayed. You are required to enter the serial number (12 digits) of the splicer you have. Then click "Login".

	E http://www.rim-plus.sei.co.jp/front/top.html?lang=en 🗸 🗟 49 🗙 🖸 Bing	• م
	👷 Favorites 🙀 👰 Web Slice Gallery 🕶 🍘 Fusion Splicer Internet Service System - Login 🛛 🖓 💌 📾 💌 <u>P</u> age 💌 Saf	íety∓ T <u>o</u> ols∓ @∓ <sup>≫</sup>
	Fusion Splicer Internet Service System	
	Login	
	Please input the serial number* and click "Login" button.	
	Login OPTICAL FIBER FUSION SPLICER	
Enter the serial number (12 digits	Serial number:     DC10-15V === 4A	
Click "Login	Mig. Date 20XX XX Mig. Date 20XX XX MADE IN JAPAN	
	*A serial number is a number for identifying a product. It is indicated at the back of a main part.	
	۲ است المحمد المحمد والمحمد المحمد المحم	

Go to step 1-3. (See the next page.)

### 1-3. Downloading the Maintenance Application

The Maintenance Application download page is displayed. Click the link in the page to download the Application file.

Note: The Maintenance Application file is common for the TYPE-71C/TYPE-Q101-CA/TYPE-81C/Z1C splicers.



"END-USER LICENSE AGREEMENT FOR SOFTWARE" is displayed. Click "Agree".

Click "Save" to save the Application file "installer\_user.exe" to the PC.

#### <Windows 7>

File Download - Security Warning		
Do you want to run or save this file?		
Name: installer_user.exe	Save As	x
Type: Application	🚱 🔍 🗣 📜 🕨 172-1708 🕨 Downloads 🔹 🗸 🍫 Search Downloads	Q
From: www.rim-plus.sei.co.jp	ganize 🕶 New folder 🛛 🕮 💌	0
<u>R</u> un <u>S</u> ave Cancel	Image: Second Places     Name     Date modified     Type       Image: Second Places     No items match your search.	
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?	t tibraries image: 172-1708 image: Documents image: Music image: Pictures image: The second se	k
	File name: installer_user	•
	ree Application	•
Download complete		:el
installer_user.exe from www.rim-plus.sei.co.jp Downloaded: 255KB in 1 sec Download to: C.¥Users¥172-1708¥D¥installer_user.exe Transfer rate: 255KB/Sec Dose this dialog box when download completes	2 2	
<u>B</u> un Open <u>F</u> older	Go to step 2-1	•
Smart Screen Filter checked this download and did not r threats. <u>Report an unsafe download</u> .	ot report any (See page 8.)	

#### <Windows XP SP3>

File Download - Security Warning	×
Do you want to run or save this file?	
Name: installer_user.exe	Save As
Type: Application	Save jn: 🖻 DownLoad 🗸 🗸 🗘 🕫 🖽 🗸
From: www.rim-plus.sei.co.jp	My Recent Documents
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?	My Documents
Download complete	My Computer File name: installer_user Save Save as type: Application Cancel
Download Complete         installer_user.exe from www.rim-plus.sei.co.jp         Downloaded:       287KB in 1 sec         Download to:       C:\Documents and Settin\installer_user.exe         Transfer rate:       287KB/Sec         Close this dialog box when download completes         Bun       Open Eolder	

Go to step 2-1. (See the next page.)

# 2. Installing the Maintenance Application on the PC

### 2-1. Installing the Maintenance Application on the PC

Open the folder where "Installer\_user.exe" has been saved and double click it to start to install on the PC.

organize 🔻 📑 Open	Share with 🔻	Burn New folder			• ==	(
🔆 Favorites	*	Name	Da	ate modified	Туре	Si
🧮 Desktop		💽 installer_user	20	)12/02/13 18:42	Application	
〕 Downloads						
Recent Places						
🗃 Libraries						
172-1708						
Documents	E					
J Music						
Pictures						
Videos						
🖳 Computer						
S (C:)						
<b>03 (C.)</b>						
📮 Network						

If "Microsoft .NET Framework 4" has not been installed on the PC, a pop-up window that prompts you to install it first will appear. Install it following the on-screen instructions.

75 Fusion Splicer Maintenance Tool Setup	🐞 Fusion Splicer Maintenance Tool Setup
For the following components: MicrosoftNET Framework 4 (x86 and x64)	Installing Microsoft .NET Framework 4 (x86 and x64)
Please read the following license agreement. Press the page down key to see the rest of the agreement.	<u> </u>
MICROSOFT SOFTWARE SUPPLEMENTAL LICENSE TERMS	
MICROSOFT .NET FRAMEWORK 4 FOR MICROSOFT WINDOWS OPERATING SYSTEM	🔂 Fusion Splicer Maintenance Tool Setup
Wew EULA for printing Do you accept the terms of the pending License Agreement?	Setup must reboot before proceeding.
Fyou choose Don't Accept, install will close. To install you must accept this agreement.	Choose 'Yes' to reboot now or 'No' to manually reboot later.
Click "Accept".	Details >> Yes No
	Fusion Splicer Maintenance Tool Setup
After the PC reboots this window s sometimes displayed. Click 'Close" and proceed to the next step. (Refer to the next page.)	An error occurred attempting to install Fusion Splicer Maintenance Tool.
	I Details >> Close

8

Follow the on-screen instructions to complete the installation.

#### <Windows 7>



<Windows XP SP3>

Continue to the next page.



After the installation, a short cut icon is automatically created on the desktop.



Go to step 2-2. (See the next page.)

### 2-2. Installing the USB driver on the PC

Install the USB driver on the PC referring the following instructions. Connect the PC to any T-71C/T-Q101-CA/T-81C/Z1C fusion splicer via USB cable and switch on the splicer. (Leave the splicer on.)

#### <Windows 7>

Click the **Start** button. Select "**Control Panel**" > "**System and Security**" > "**System**" > "**Device Manager**". The Device Manger window appears. Double-click "**USB Communication Device**" under the "**Other Devices**" category. The USB Communication Device Properties window appears. Click "**Update Driver**" on the General tab.



Continue to next page.

This will launch the Hardware Update Wizard. Select "Browse my computer for driver software".



Continue to the next page.



G	Update Driver Software - USB Communication Device (COM3)	
	Windows has successfully updated your driver software	
	Windows has finished installing the driver software for this device:	
	USB Communication Device	
		1
	Close	

Completed.

#### <Windows XP SP3>

Click the Start button. Select "Control Panel" > "Performance and Maintenance" > "System". The System Properties window appears. Click the "Hardware" tab. Click "Device Manager" on the "Hardware" tab. The Device Manger window appears. Double-click "USB Communication Device" under the "Other Devices" category. The USB Communication Device Properties window appears. Click "Reinstall Driver" on the General tab.



Continue to the next page.

This will launch the Hardware Update Wizard.

Hardware Update Wizard			
	Welcome to the Hardware Up Wizard         Windows will search for current and updated so your computer, on the hardware installation CD, Update Web site (with your permission).         Read our privacy policy         Can Windows connect to Windows Update to s         Yes, this time only         Yes, now and every time I connect a develop No, not this time         Click Next to continue.	oftware by looking on or on the Windows earch for software?	
	< <u>Back</u> <u>N</u> ext>	Cancel	
Hardware Update Wizard	This wizard helps you install software for: USB Communication Device If your hardware came with an inst floppy disk, insert it now. What do you want the wizard to do? Install the software automatically (Reconn Install from a list or specific location (Adv Click Next to continue.	nmended)	
Hardware Update Wizard Please choose your search o Search for the best drive		"Win64_cdc" fo	and locate the " <b>Win32_cdc</b> " or older. (The driver is located in iles¥Fusion Splicer Maintenance
Use the check boxes be	low to limit or expand the default search, which in	cludes local paths and	Browse For Folder
✓ Search removabl ✓ Include this locati C: ◯ Don't search. I will choos Choose this option to se	e the driver to install. lect the device driver from a list. Windows does r a the best match for your hardware.		Select the folder that contains drivers for your hardware.
	< <u>B</u> ack <u>N</u> ext>	Cancel	OK Cancel
Continue to the next pa	ge. 32 bit: S	driver is differer elect "Win32_cd elect "Win64_cd ==========	

Hardware Up	odate Wizard
Please wait	t while the wizard searches
Ş.	USB Communication Device
	<back next=""> Cancel</back>
Hardware	Installation
1	The software you are installing for this hardware:
	USB Communication Device
	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.
	Continue Anyway STOP Installation
	pdate Wizard
	Completing the Hardware Update
	Wizard
	The wizard has finished installing the software for:
	Click Einish to close the wizerd
	Click Finish to close the wizard.
	< Back Finish Cancel

Completed.

### 2-3. Uninstalling the Maintenance Application

If you want to install a later version Maintenance Application than what the PC has, uninstall the current Application from the PC and then re-install the later version on the PC. Or if you do not need the Application any more, carry out this uninstallation procedure.

Note: If you uninstall the current Application and re-install a later version Application, no need to install the USB driver again.

#### <Windows 7 >

Click the Start button. Select "Control Panel" > "Programs" > "Programs and Features". Select and highlight "Fusion Splicer Maintenance Tool" from the list of "Uninstall or change a program". Right click it and select "Uninstall".



Programs and Features
Are you sure you want to uninstall Fusion Splicer Maintenance Tool?
In the future, do not show me this dialog box
Windows Installer
Preparing to remove
Cancel
Fusion Splicer Maintenance Tool
Please wait while Windows configures Fusion Splicer Maintenance Tool
Gathering required information
Cancel

Completed.

#### <Windows XP SP3>

Click the Start button. Select "Control Panel" > "Add or Remove program". Select and highlight "Fusion Splicer Maintenance Tool". Click "Remove".



# 3. Using the Maintenance Application

### 3-1. Starting the Maintenance Application

1) Turn on the splicer. 2) Start the Maintenance software by clicking the short cut icon on the desktop or opening Explorer and running "**MainteApp.exe**" in the Fusion Splicer Maintenance Tool folder\*. 3) Connect the splicer with the PC via USB cable. (\*C:¥Program Files¥Fusion Splicer Maintenance Tool) If the illustration shown below is displayed on the PC, the splicer may not be turn on and/or not connected to the PC via USB cable. Make sure that the splicer is turn on and connected to the PC via USB cable.



The Maintenance Application window is displayed, when the splicer is verified via internet in the background.

Note: If the verification fails, the Application will give an error.



Upon the start of the Maintenance Application, the Application communicates with the fusion splicer to exchange information. When the Application can detects the fusion splicer and receive information from

the splicer correctly, it displays the start screen. Note: The Maintenance Application is not started completely unless the splicer is verified correctly.

For further details on the Maintenance Application start screen, see the next page.

[7] Network settings	S/W: 000111202001 Type: TYPE-Q101-CA	New software version is available.
Application     Monitor / PC Operation     Remote control     Software update     Splicer settings     Splice data     Error log     Image history	Important Fusion Splicer Maintenance Application has a capal of the fusion splicer to the SEI server via internet. If you would like to have advanced services using splicer to communicate with the server.	
	Upload to the SEI Server The following information on the fusion splicer will - Splicer settings - Splice data	be uploaded to the server.
Set whether to communicate with the maintenance central server.	- Error log - Image history	Upload

Start screen

#### <Maintenance Application Start Screen>



#### <IMPORTANT>

Before updating software on the splicer or taking remote control support by maintenance center, select "**Permit**", the Maintenance Application can send the current state of the splicer to the SEI server via internet.

Fusion Splicer Maintenance Application	on Ver. 1.000	*
SEF Fusion	Splicer Maintenance Application	
Network settings     Application	S/N: 000111202001 Type: TYPE-Q101-CA New software version is available	ble. 2
Monitor / PC Operation     Remote control     Software update     Splicer settings     Splice data     Error log	Important Fusion Splicer Maintenance Application has a capability to send the current state of the fusion splicer to the SEI server via internet. If you would like to have advanced services using internet, please "Permit" the splicer to communicate with the server.	Select " <b>Permit</b> " before updating the software or taking remote control support.
Tmage history	Permit      Deny Upload to the SEI Server	
Set whether to	The following information on the fusion splicer will be uploaded to the server Splicer settings - Splice data	To upload the splicer settings, splice data, error logs and images
communicate with the maintenance central server.	- Error log - Image history Upload	stored in the splicer to the SEI server, click " <b>Upload</b> ". This may be useful for maintenance center that carries out remote control.
S/N is verified by the server.		

If data upload is successful, a pop-up window shown below will tell this to you.



If data upload fails, a pop-up window shown below tell this to you.



### 3-2. Exiting the Maintenance Application

To exit the Maintenance Application, Click the "X".



### **3-3. Maintenance Application Functions**

The Maintenance Application has various functions. Select a function from the side menu bar.

<Functions>



Error log: Displays error logs stored in the splicer memory.

(See page 31.)

Image history: Displays fiber images stored in the splicer memory.

(See page 32.)



This function enables to have the splicer monitor screen displayed and operate the fusion splicer on the PC. You can perform the splicing and heat shrink processes by clicking the on-screen icons. This function does not use internet communication between the splicer and SEI server.

#### Note: Before performing the splicing process, load fibers in the splicer.

Before performing the heat shrink process, place the protection sleeve with the splice onto the heat shrink oven.



Note: While this function is used, the earth icon appears on the splicer as shown below. If the Ready screen appears on the splicer after resetting it and you would like to continue to use the function, get out of "Monitor / PC Operation" by selecting "Application" and then select "Monitor / PC Operation" again.



This function enables to connect the fusion splicer to maintenance center via the SEI server and have the splicer diagnosed remotely if it has any problem.

This function uses internet communication between the splicer and SEI server.

Ensure that "Permit" for the Important notice is selected on the start screen. (Refer to page 21.)

Then select "**Remote control**" from the side menu bar.

Prior to remote control, load well-cleaned fibers in the splicer.

7 Network settings	S/N: 000111202001 Type: TYPE-Q101-CA	New software version is available. 🚳
Application     Monitor / PC Operation     Remote control     Stware update     icer settings	Important Fusion Splicer Maintenance Application has a capabi of the fusion splicer to the SEI server via internet. If you would like to have advanced services using in nicide with the server.	
ect "Remote co		Permit O Deny Select "Permit
et whether to	The following information on the fusion splicer will b - Splicer settings - Splice data - Error log - Image history	be uploaded to the server.
naintenance central erver.		Upload

As soon as selecting "**Remote control**" from the side menu bar, a pop-up window that asks you if you would like to start remote control appears. Click "**Yes**".



This will allow the splicer to get connected to the SEI server for remote control and "**Permit**" on the Remote control screen is automatically selected.

Network settings	S/N: 000111202001 Type: TYPE-Q101-CA	New software version is available.
Application     Monitor / PC Operation     Remote control	Left:X / Rig	ht : Y
Software update		
Splicer settings		
Splice data		
Error log		
	During Remote Control Operator	r message:
Communicates with the		r message:
Communicates with the maintenance center to perform remote control.	hen you start a remote control,	r message:
Communicates with the maintenance center to netform remote control w	hen you start a remote control, ease select a Permit button.	r message:
Communicates with the maintenance center to perform remote control.	hen you start a remote control,	r message:
Communicates with the maintenance center to perform remote control.	hen you start a remote control, ease select a Permit button. Permit O Deny	r message:

#### Note: If you select "Deny" during the remote control, the remote control will be terminated.

The fiber image observed by the splicer is displayed on the Maintenance Application. Contact your regional maintenance center (on the phone, via email etc.) to tell them information on the splicer such as serial number, problem found, etc. and that the splicer has been connected to the SEI server. Once the maintenance center accepts the splicer connected to the server and are ready to diagnose it, the screen image of the Maintenance Application will be sent to the maintenance center via the server. **Note: While this function is used, the earth icon appears on the splicer as shown below.** 



The maintenance center will remotely control and diagnose the splicer. Wait for a while. Caution: Do not disconnect the USB and internet connections during the remote control.



To terminate the remote control, select "Deny". The internet connection will be disconnected. Or it can also be disconnected by the maintenance center.

Informatio	n
i	Remote control performed by maintenance center will be terminated.
	ОК

### 3-6. Updating the splicer software ("Software update" function)

When the software update indicator icon is (2) on the start screen, you can update the software on the splicer.

This function uses internet communication between the splicer and SEI server.

Ensure that "Permit" for the Important notice is selected on the start screen. (Refer to page 21.)

Then select "**Software Update**" from the side menu bar.

Network settings	S/N: 000111202001 Type: TYPE-Q101-CA	New software version is available. 🚱	
Application Monitor / PC Operation Remote control Software update Software update Software update Log	Important Fusion Splicer Maintenance Application has a capabili of the fusion splicer to the SEI server via internet. If you would like to have advanced services using int splicer to communicate with the server.		The current software version is th latest. (No need to update.)
lect "Software		Permit     Deny	🕉 New version software is available
	Upload to the SEI Server The following information on the fusion splicer will be	uploaded to the server.	
Set whether to	- Splicer settings - Splice data		

Check the software versions displayed on the Application and click the "**Update**" button to start the update. Wait until the green progress bar moves to the right.

O Fusion Splicer Maintenance Application V	er. 1.000	
SEF Fusion S	plicer Maintenance Application	
Network settings	S/N: 000111202001 Type: TYPE-Q101-CA	New software version is available. 🔞
Application Monitor / PC Operation Remote control	New version software is available.	
Software update     Splicer settings     Colliss data	Current software version: 1.060	Update Click "Update".
<ul> <li>Splice data</li> <li>Error log</li> </ul>	Latest software version: 1.061	
Image history	Transferring the Application files Checking the current software version Downloading the latest software Extracting the software files	*
Communicates with the maintenance center, and update the fusion splicer software.	Transferring the UBL file UBL file transfer is completed. Transferring the Application files	~
S/N is verified by the server.		

Caution: Do not disconnect the USB and internet connections during the software update.

After the software update is completed, the splicer will shut down automatically. A pop-up window that tells you that the Maintenance Application will be closed appears. Click "**Yes**".



Turn on the splicer and go to "**Information**" from the menu screen. Ensure that the software has been updated.

### 3-7. Viewing splicer's settings ("Splicer settings" function)

To view the settings of the splicer connected, select "Splicer settings" from the side menu bar.

This function does not use internet communication between the splicer and SEI server.



Splice programs/Heater programs/Function settings stored in the fusion splicer are displayed.



Note: You cannot alter data from the table, it is view only.

### 3-8. Viewing splice data ("Splice data" function)

To view the settings of the splicer connected, select "**Splice data**" from the side menu bar. This function does not use internet communication between the splicer and SEI server.

Network settings	S/N: 000111202001 Type: TYPE-Q101-CA	New software version is availa
Application Monitor / PC Operation Remote control Software update Software update Software data	Important Fusion Splicer Maintenance Application has a capa of the fusion splicer to the SEI server via internet. If you would like to have advanced services using splicer to communicate with the server.	
ect "Splice data		🔹 Permit 🕜 Deny
mage history		

Splice data stored in the splicer memory are displayed in chronological order.

Double-click a row item to view further details about it.

Max. 10,000 data points can be displayed. (Max. 10,000 data points can be stored in the splicer memory.)

SEF Fusion	Splicer M	Maintenance	e Applicatio	n			-click a row view furthe	
Network settings	S/	N: 000111202001 Type:	TYPE-Q101-CA	New sof	tware version is	available. 👔		•
Application	Data No.	Date	Time	Align Method	Fiber	details	about it.	
Monitor / PC Operation	0001	15/09/2011	15:16	Core	SMF			
Remote control	0002	15/09/2011	15:48	Core	SMF			
Software update	0003	15/09/2011	15:52	Core	SMF			
Splicer settings	0004	15/09/2011	15:54	Core	SMF			
Splice data	0005	15/09/2011	16.14	Coro	CME			
Image history	0006	21/09/2011	Splice Data Display	/[0001]				
Indge history	0007	21/09/2011	Cut(L)		2.2 de	g Arc Count	1217	Cn
	0008	21/09/2011	Cut(R)		3.3 de	a Estimation Loss	0.010	dB
	0009	21/09/2011						
	0010	21/09/2011	Offset		0.9 um	n Align Method	Core	
	0011	22/09/2011	Deform		3.4 de	g Fiber	SMF	
	0012	22/09/2011	5.40		4.5	Data	45/00/2014	
Displays the splice data	0013	26/09/2011	Ect(L)		1.5 um	n Date	15/09/2011	
stored in the splicer.	0014	26/09/2011	Ect(R)		2.3 um	Time	15:16	
Double-click to view	0015	26/09/2011	Core Offset		2.8 um	Memo	Standard SM	
details.	0016	28/09/2011	: Core Onset		2.0 un	merrio	Standard Off	
	0017	06/10/2011	15:01	Core	SMF			
	0018	06/10/2011	15:40	Core	SMF			
	0019	07/10/2011	16:34	Adaptive	Auto	-		

Note: You cannot alter data from the table, it is view only.

### 3-9. Viewing error log ("Error log" function)

To view error logs stored in the splicer memory, select "**Error log**" from the side menu bar. This function does not use internet communication between the splicer and SEI server.

Network settings	S/N: 000111202001 Type: TYPE-Q101-CA	New software version is available.
Application     Monitor / PC Operation     Remote control     Software update     Splicer settings     Splice data     Error log     mage history	Important Fusion Splicer Maintenance Application has a capal of the fusion splicer to the SEI server via internet. If you would like to have advanced services using splicer to communicate with the server.	
Set whether to communicate with the maintenance central server.	d to the SEI Server ollowing information on the fusion splicer will - Splicer settings - Splice data - Error log - Image history	be uploaded to the server.

The error logs are displayed in chronological order.

Double-click a row item to view further details about it.

Network settings	S/N: 0001112020	001 Type: TYPE-Q101-CA	New software version is availa
Application	dd/mm/yyyy hh:mm:ss	ErrorID	Double-click a row
Monitor / PC Operation	09/09/2011 15:42:37	1207	item to view furth
Remote control	09/09/2011 16:00:01	1207	
Software update Splicer settings	09/09/2011 16:08:28	1208	details about it.
Splice data	09/09/2011 16:08:44	1307	
Error log	09/09/2011 16:08:55	1908	
Image history	09/09/2011 16:09:59	1307	09/09/2011 15:42:37
	09/09/2011 16:13:11	1208	
	09/09/2011 16:17:48	1208	Error message:
	09/09/2011 16:29:43	1207	The splicer failed to align the left fiber. (Error
	09/09/2011 16:36:13	1207	No.1207)
	09/09/2011 16:42:25	1207	Make sure that the left fiber is placed in the
	09/09/2011 17:12:36	1207	correct position of the splicer.
Displays the error logs	09/09/2011 18:31:13	1907	
stored in the splicer.	09/09/2011 18:43:28	1207	
Double-click to view	09/09/2011 21:29:03	1207	
letails.	09/09/2011 21:29:18	1908	
	09/09/2011 21:29:31	1908	
	09/09/2011 21:32:38	1307	
	09/09/2011 21:34:49	1307	

Note: You cannot alter data from the table, it is view only.

### 3-10. Viewing stored fiber images ("Image history" function)

To view fiber images stored in the splicer memory, select "**Image history**" from the side menu bar. This function does not use internet communication between the splicer and SEI server.

Network settings	S/N: 000111202001 Type: TYPE-Q101-CA	New software version is available
Application     Monitor / PC Operation     Remote control     Software update     Splicer settings     Splice data     Error log     Image history	Important Fusion Splicer Maintenance Application has a capa of the fusion splicer to the SEI server via internet. If you would like to have advanced services using splicer to communicate with the server,	
ect "Image his Set whether to communicate with the maintenance central server.	Upload to the SEI Server ing information on the fusion splicer will er settings - Splice data - Error log - Image history	l be uploaded to the server.

Double-click an image to display the enlarged image.

Max. 64 images can be displayed. (Max. 64 images can be stored in the splicer memory.)

🔿 Fusion Splicer Maintenance Application Ver. 1.000				
SEF Fusion Splicer Maintenance Application				
Network settings	S/N: 00011:	1202001 Type:	TYPE-Q101-CA	New software version is available. 🐼
<ul> <li>Application</li> <li>Monitor / PC Operation</li> <li>Remote control</li> <li>Software update</li> <li>Splicer settings</li> <li>Splice data</li> <li>Error log</li> <li>Image history</li> </ul>			Left:X / I	Right : Y
Displays the images stored in the splicer.	Name: 502.jpg	Size: 30.1		
💦 S/N is verified by the server.				he image to display an red image on the screen.

Note: Images are view only.

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