#### S ERVICE Ν ΟΤΕ

Supersedes: N5000A-01A N5002A-01A

SJ10-01

Agilent SJ10 Optical Board Test System Models: N5000A and N5002A

Serial Numbers: All

The use of SJ10 inspection GUI version 4.07 requires that the AWA GUI be opened in the background at certain times. However, on some versions of the AWA paragon firmware there is the possibility of a conflict between the SJ10 GUI and the AWA GUI under certain conditions.

In order to resolve these potential issues, it is necessary for all systems to have their paragon firmware upgraded to either 1.18 or 2.18 or earlier than 1.7

1

To Be Performed By: Agilent-Qualified Personnel or Customer

**Parts Required:** P/N Description Qty. 5186-2190 L50i Paragon Driver

# ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:				
	MODIFICATION	RECO	MMEND	ED
ACTION CATEGORY:	[[]] IMMEDIATELY [[]] ON SPECIFIED FAILURE X AGREEABLE TIME	STANDARD	S: LABOR: 2.0 Hou	rs
LOCATION CATEGORY:	[[]] CUSTOMER INSTALLABLE X ON-SITE [[]] SERVICE CENTER	SERVICE INVENTORY:	[[]] RETURN [[]] SCRAP X SEE TEXT	USED [[]] RETURN PARTS: [[]] SCRAP X SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RES	PONSIBLE UNTIL:	
AUTHOR: Ba. Kavanagh PRODUCT LINE: 80 ADDITIONAL INFORMATION:				
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This service note is designed to help the user determine which version of paragon firmware their system is running and what actions, if any, are required to rectify the potential conflict situation.

### Situation:

The GUI may hang if the following conditions are in place:

GUI Hanging

• The AWA GUI software is running,

- and
  - The paragon firmware code is anything **other than** versions 1.18, 1.7 or earlier than 1.7 or 2.18,
  - and
  - The E-stop is activated and is then reset with 5 seconds.

## Solution/Action: Determining the Firmware Version

The following are the requirements for using Firmware:

Requirements

- Paragon L50i with firmware rev 2.XX
- EASI TOOLS v1.5
- 2.18.h86
- awa123.prg

Determine what Firmware version is running on your system using the following steps:

Action		
Uninstall any version of EASI TOOLS already on the hard drive. This is done		
through the Add\Remove Programs option in the Control Panel.		
Add/Remove Programs Properties 🕅 🖾		
To install a new program from a floopy date or CD-PIOM		
drive, cick instal		
The following software can be automatically removed by Windows. To remove a program or to modely in installed components related in turn likeli into in taking and in the likelihood of the software of the likelihood of the like		
Add/Remove		
Auto Width Adjust v2.2.3 Bedudv1 are SmartUI 1.1 Developer		
HESHIDOILS General Malves Library 2.07.01 Livel/Godie		
Matrice Reserved east NT 4 53		
Add/Benove		
OK Cancel (439)		
Install EASI TOOLS v1.5		
When you start <b>EASI TOOLS</b> next, you should see the following splash screen.		
-244		
Version 15 Compare Press framework Compare The Table 200		
00 rights to assented This program is a possibility of an exect above support to an		
Open EASI TOOLS by going to Start -> Programmes -> EASI-TOOLS		
Application -> EASI TOOLS.		
Connect to the L50i through the Terminal using the terminal icon as shown:		
EP Parker Harmiton EMD - EAST F000 File Edt Scorch Targetod Ublines		
C Cominal		

Steps



# Upgrading Firmware from Version 2.XX to Version 2.18

Steps

Upgrade the Firmware from version 2.XX to version 2.18 using the following steps:

Step	Action
1	Check the Firmware version using the steps outlined in Determining the Firmware Version. If you need to upgrade, continue to step 2.
2	Press <b>Ctrl-Alt-P</b> on the keyboard. Release the <b>P</b> and you are prompted with the following message:
	Elle Edit Search Ierminal Utilities Window Help
	L-Series Stepper Drive REV 2.16 Apr 03 2001 11:31:43 Copyright 2001 Parker-Hannifin
	Agilent AWA1.2.3
	EASI TOOLS
	This operation will erase and replace the indexer firmware!
	Do you still want to proceed?

3	Click <b>Yes</b> , and the following dialog is displayed with the setup of the system:
	Download drive operating system
	Current revision
	2.0 or later
	before 2.0 O Drive is in a <u>multi-axis system</u>
	<u>Uk</u> <u><u>L</u>ancel</u>
4	Click <b>OK</b> if this is correct.
5	Select the firmware file 2P18.h86 to download to the drive.
	Open ?X
	File name: Folders: OK
	2P18.H86 c:\autowi~1
	2P18.H86
	AUTOWI~1 Network
	List files of <u>type:</u> Dri <u>v</u> es:
	HEX Files (*.h86)
	Click OK and the Firmware software downloads to the drive. This takes
	approximately 15 minutes. The first progress bar runs through quickly – the
	second runs through very slowly.
	Changing drive operating system
	*** Downloading data ***
	140/
	Cancel
6	When the Firmware software has finished downloading, you will be asked if
	you want to program another drive. Click <b>NO</b> .
7	E-Stop the machine and reset the E-Stop by pushing the E-stop reset button.
	This is a power cycle of the Paragon drive.

8	Open <b>the awa123.prg</b> file.
	Open ? X
	File name:     Eolders:     OK       awa123.prg     c:\autowi~1     Countered
	autoIDL.prg Awa122.prg awa123.prg AWAIDL11.PRG
	List files of type: Drives: Program Files (* PBG)
9	Download the first using the account of the state of a state of the state of a state of the state of the state of a state of the state of the state of a state of the state of
10	When the file has finished downloading, the drive must be armed. This is done as follows.
11	Type "1ARM1" then press ENTER.
12	Type "1SV" then press ENTER.
15	Type       12       Hield press EFIEX.         Parker Hannifin EMD - EASI TOOLS         File Edit Search Terminal Utilities Window Help         Image: Imag
14	The firmware upgrade is now complete, and the drive is ready for use in the AWA.