2 Dart Road Newnan, GA 30265

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Dear Valued Customer,

In regards to how to sanitize the Yokogawa SL1000 High-speed Data Acquisition System, we are pleased to provide you with the following information and procedure regarding: SL1000 Internal Hard Drive, SL1000 Waveform Acquisition Memory, Setup File Storage and SL1000 Acquisition Software and Xviewer (on PC).

# A. Technical Information – SL1000 Memory

The following types of memory are used in the SL1000:

- o Internal Hard Drive: Non-Volatile SRAM
- o Waveform Acquisition Memory: Volatile RAM
- Setup File Data Storage: Non-Volatile SRAM
- Acquisition Software (installed on PC): Non-Volatile SRAM (PC's Hard Drive)
- 1) Internal Hard Drive Details:

Because non-volatile memory is used to store data permanently, the data is available even after you cycle power to the SL1000. To erase the data from the internal hard drive would require formatting the hard drive using the SL1000 Acquisition Software.

2) Waveform Acquisition Memory Details:

Because volatile memory is used to acquire the waveform, the waveform data cannot be saved permanently on the SL1000. Simple cycling of power will erase all acquisition memory (all waveform data). However, this can also be erased by simply performing a hardware initialization using the SL1000 Acquisition Software.

3) Setup File Data Storage Details:

Since setup file data is stored in the non-volatile memory, it can still be recalled after cycling power to the SL1000. To erase the setup file data from the memory, you will have to perform a hardware initialization using the SL1000 Acquisition Software.

4) Acquisition Software and Xviewer Details:

Because the non-volatile memory in the PC is used to store data permanently, access to the software files and folders is available even after you cycle power to the PC. To guarantee complete sanitization of the PC, It is necessary to format the PCs hard drive completely. This will guarantee complete sanitization of the PC, including removal of all software installation files and folders; all data that may be stored in other folders (by different users) on the PC and all Windows based registry entries.

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## B. Procedure to sanitize all elements of SL1000

- 1) Sanitizing Internal Hard Drive
  - You will need the SL1000 Acquisition Software to sanitize the internal hard drive of the SL1000.
  - o Launch the SL1000 Acquisition Software.
  - o Go to the Environment\Self Test menu as shown below.

💐 SL1000 - [Display Group 1-Wave	2]	
Eile Acquisition View Window	Environment Utility Help	
	Environment Settings	R# ab
Start Stop Rec. Divide	Communication Settings	
�� Q ●	<u>S</u> elf Test	<b>©</b> -
Measuring Mode:Free Run Ma	Unit System Information	
4	Unit <u>K</u> ey-Lock	
	Initialize	
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• Next click on the "FORMAT" button near "Internal HDD Format" option.

ielf Test		
Unit ID 0		
Self Test Service Unit Info.		
Unit Keyboard Test	Test Exec	Test End
ACQ Mem. Test	Test Exec	
System Mem. Test	Test Exec	
Backup Mem. Test	Test Exec	
Internal HDD Test	Test Exec	
Internal HDD Format	Format	
CPU Temp. Measurement	Test Exec	c
		Close

o Click OK to confirm formatting.



o Click OK, once formatting is complete.

SL1000	SL1000
Ural ID : 0 Ural Name :	Unit ID: 0. Unit Name :
Formatting Internal HCC.	74: Completed Internal HDD format.

- Click the "Close" button on the Self Test window.
- All data on the SL1000 internal hard drive is erased. The SL1000 Internal Hard Drive is sanitized.

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- 2) Sanitizing Waveform Acquisition and Setup File Data Storage Memory
  - You will need the SL1000 Acquisition Software to sanitize both the Waveform Acquisition Memory and the Setup File Storage Memory.
  - o Launch the SL1000 Acquisition Software.
  - o Go to the Environment\Initialize menu as shown below.

🗿 SL100	)0 - [Displa	y Grou	p 1-Wave	9]	
🚺 Eile	<u>A</u> cquisition	⊻iew	<u>W</u> indow	Environment Utility Help	_
		•	0	Environment Settings	ht :
Start	Stop	Rec.	Divide	Communication Settings	· · ·
ର୍ ପ୍ 🌗	I II R	III III	հեն	<u>S</u> elf Test	Ø.
	Measuring Mode	:Free Run	n Ma	Unit System Information	
4				Unit Key-Lock	
				Initialize	
<b>i</b> I				C <u>a</u> libration	

o Click 'Execute"

Initialize		
Execute	Undo	
ок		

• Click OK to complete.

SL1000	SL1000	
Unit ID: 0 Unit Name : 8: Intelazing. Velt for a moment.	Unit ID : 0 Unit Name : Initialization is complete.	
	СК	

• With the above step you have successfully sanitized the SL1000 Acquisition Memory & Setup Data Storage Memory

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- 3) Sanitizing PC for installed SL1000 Acquisition Software & Xviewer
  - Format the PCs hard drive for complete sanitization. This will guarantee removal of all software components and data stored by the SL1000 Acquisition software. Furthermore, it will also guarantee the removal of any Windows based registry entries from the systems.

Please let me know if you have any further questions.

Thank you,

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