

		Sta	atement of Me	emory Volatility				
84 a dala				Manufacturer: Fluke Networks				
Models:	Varair 2 Damenta TEC			Address: 6920	Seaway Blvd.			
Versiv, Versiv Remote, Versiv2	, versivz Remote, 1FS			City: Everett	State: WA	Zip: 98203	Phone: 800-283-5853	
			Volatile N	Memory				
Does the item contain volatile	memory (i.e., memory	whose cont	tents are lost v	vhen power is re	emoved)?			
	(If the answer is 'Yes',	provide the	following info	rmation for each	type of memory)		
Sub-Item:	Memory Type	Size:	User	Function:		Process	to Clear:	
	(SRAM, DRAM,		Modifiable:					
	etc.):							
Versiv / TFS	Mobile DDR DRAM	256 MB		Program execution and data		Remov	Remove power (including battery) for	
			☐ No	storage			at least 60 seconds.	
Versiv Remote	Mobile DDR DRAM	128 MB		Program exe	cution and data	Remov	e power (including battery) for	
			☐ No	storage		at least	60 seconds.	
Versiv / Versiv Remote / TFS	i.MX processor	160 kB		Operating system, program		Remov	e power (including battery) for	
	internal Cache		☐ No	execution an	d data storage	at least	60 seconds.	
Versiv / Versiv Remote / TFS	PIC16F internal	256 B	Yes	Power supply	/ management da	ta Remov	Remove power (including battery) for	
	SRAM		⊠ No	storage		at least	60 seconds.	
Versiv2 / Versiv2 Remote	DDR3L DRAM	1 GB		Program exe	cution and data	Remov	e power (including battery) for	
			☐ No	storage		at least	60 seconds.	
Versiv2 / Versiv2 Remote	i.MX processor	736 kB		Program exe	cution and data	Remov	e power (including battery) for	
	internal Cache		☐ No	storage		at least	60 seconds.	
Versiv2 / Versiv2 Remote	i.MX processor	288 kB	Yes	Program data	a storage	Remov	e power (including battery) for	
	internal SRAM		⊠ No			at least	60 seconds.	
Versiv2 / Versiv2 Remote	KL03 processor	2 kB	Yes	Microcontrol	ler program data	Remov	e power (including battery) for	
	internal SRAM		⊠ No			at least	60 seconds.	
			Non-Volatil	e Memory				
Does the item contain non-vo	latile memory (i.e., mer	nory whose	contents are r	etained when p	ower is removed)?		
	(If the answer is 'Yes',	provide the	following info	rmation for each	type of memory.)		

Sub-Item:	Memory Type (BBRAM, Flash, EEPROM, etc.):	Size:	User Modifiable:	Function:	Process to Clear:
Versiv / Versiv Remote / TFS	NOR Flash	128 MB	Yes No	Operating system, program storage, system logs, etc.	NA
Versiv / Versiv Remote / TFS	EEPROM	32 kB			NA
Versiv / Versiv Remote / TFS	PIC16F internal Flash	4 k words	Yes No	Power supply management program storage	NA
Versiv / Versiv Remote / TFS	PIC16F internal EEPROM	256 B	Yes No	Not used	NA
Versiv2 / Versiv2 Remote	eMMC Flash	2.2 GB	Yes No	Operating system, program storage, system logs, etc.	NA
Versiv2 / Versiv2 Remote	eMMC Flash	4 MB	Yes No	Boot configurations, MAC address, electronic ID (serial number, product type, production date, etc), system configuration, etc.	NA
Versiv2	eMMC Flash	1 GB	∑ Yes ☐ No	System settings, project settings, test result storage, user names, passwd, etc	Restore Versiv2 to Factory Defaults (see procedure in Appendix A).
Versiv2 / Versiv2 Remote	KLO3 processor internal Flash	32 kB	Yes No	Microcontroller program	NA
			Medi	a	
Does the item contain media s ☐ Yes ☐ No	•			le disk drives, memory cards, etc.)? nation for each type of memory.)	
Sub-Item:	Storage Type (Disk, Tape, etc.):	Size:	User Modifiable:	Function:	Process to Clear:
Versiv / TFS	Internal microSD Flash card or eMMC Flash memory	2GB	∑ Yes ☐ No	System settings, project settings, test result storage, user names, passwd, snmp strings, etc	Restore Versiv / TFS to Factory Defaults (see procedure in Appendix A).

Versiv / Versiv2 / TFS	Removable USB	Variable		Flash storage drive for import /	Cover port with evidence tape to
	devices		☐ No	export of projects and test results.	ensure media devices are not used. If
					media is present, destroy storage
					media or perform multiple
					overwrites.

Statement of Memory Volatility										
NA dalar			N	Manufacturer: Fluke Networks						
Models:	CV F000 CAT CA / CLASS	E4 DCV 000	O CAT (1)	Address: 6920 Seaway Blvd.						
DSX CableAnalyzer Modules (DS	5X-5000 CAT 6A / CLASS	ra, D3X-800	CAT 8)	ity: Everett State: WA	Zip: 98203	Phone: 800-283-5853				
Volatile Memory										
Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)?										
Yes No (If the answer is 'Yes', provide the following information for each type of memory.)										
Sub-Item:	Memory Type	Size:	User	Function:	Process to	Clear:				
	(SRAM, DRAM,		Modifiable:							
	etc.):									
DSX-5000 CableAnalyzer	DSP internal SRAM	132 kB	Yes	Program instruction and data	Remove p	ower (including battery) for				
Module			⊠ No	storage	at least 60	seconds.				
DSX-5000 CableAnalyzer	SRAM	2 MB	Yes	Program instruction and data	Remove p	Remove power (including battery) for				
Module			⊠ No	storage	at least 60	at least 60 seconds.				
DSX-8000 CableAnalyzer	STM32 internal	256 kB	Yes	Program data storage	Remove p	ower (including battery) for				
Module	SRAM		⊠ No		at least 60	seconds.				
DSX-8000 CableAnalyzer	FPGA SRAM	576 kbits	Yes	Measurement control and data	Remove p	ower (including battery) for				
Module			⊠ No	storage	at least 60	seconds.				
			Non-Volatile	Memory						
L		•		tained when power is removed)?						
∑ Yes	· · · · · · · · · · · · · · · · · · ·		ollowing inform	nation for each type of memory.)						
Sub-Item:	Memory Type	Size:	User	Function:	Process to	Clear:				
	(BBRAM, Flash,		Modifiable:							
	EEPROM, etc.):									
DSX-5000 CableAnalyzer	NOR Flash	4 MB	Yes	Boot code, electronic ID (serial	NA					
Module			⊠ No	number, module type, production	ı					
				date, etc), and calibration data						
DSX-5000 Link Adapters	Serial Flash	512 kB	Yes	Electronic ID (serial number, link	NA					
			⊠ No	adapter type, production date, etc	c),					
				usage counts and calibration data						
DSX-8000 CableAnalyzer	STM32 processor	2048 KB	Yes	Program data storage	NA					
Module	internal Flash		⊠ No							

			allawing inform	nation for each type of memory.)						
Does the item contain media ☐ Yes ☐ No				le disk drives, memory cards, etc.)?						
	Media									
		1 MB	⊠ No	adapter type, production date, etc), usage counts and calibration data						
DSX-8000 Link Adapters	Serial Flash	512 kB or	Yes	Electronic ID (serial number, link	NA					
				production date, etc), and calibration data						
DSX-8000 CableAnalyzer Module	Serial Flash	8 MB	☐ Yes ☐ No	FPGA configuration data, electronic ID (serial number, module type,	NA					

Statement of Memory Volatility											
Models:			N	Manufacturer: Fluke Networks							
OptiFiber Pro OTDR Modules			Δ	Address: 6920 Seaway Blvd.							
(OFP-MM, OFP-SM, OFP-QUAD))		C	ity: Everett State: WA	Zip) : 98203	Phone: 800-283-5853				
	Volatile Memory										
Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)?											
Yes No (If the answer is 'Yes', provide the following information for each type of memory.)											
Sub-Item:	Memory Type	Size:	User	Function:		Process to	Clear:				
	(SRAM, DRAM,		Modifiable:								
	etc.):										
OptiFiber Pro OTDR Module	STM32 processor	48 kB	☐ Yes	Program data storage		Remove po	ower (including battery) for				
	internal SRAM		⊠ No			at least 60					
OptiFiber Pro OTDR Module	FPGA SRAM	256 kB	Yes	Measurement data sample storage		Remove power (including battery) for					
			⊠ No			at least 60	seconds.				
Non-Volatile Memory											
Does the item contain non-vol		•		•							
Xes No	1	provide the f		nation for each type of memory)						
Sub-Item:	Memory Type	Size:	User	Function:		Process to	Clear:				
	(BBRAM, Flash,		Modifiable:								
	EEPROM, etc.):										
OptiFiber Pro OTDR Module	STM32 processor	128 kB	Yes	Operating system, program		NA					
	internal Flash		⊠ No	execution, and electronic ID (s							
				number, module type, produc	ion						
				date, etc)							
OptiFiber Pro OTDR Module	Serial Flash	2 MB	│	FPGA configuration image		NA					
Outifikes Dec OTDD Madula	EEPROM	4 kB		Calibration data		NA					
OptiFiber Pro OTDR Module	EEPROIVI	4 KB	Yes No	Calibration data		NA					
Media											
Does the item contain media st	torage capability (i.e., r	emovable o	non-removab	le disk drives, memory cards, et	c.)?						
Yes No	(If the answer is 'Yes',	provide the f	following inforn	nation for each type of memory)						

Statement of Memory Volatility										
Models:			N	Manufacturer: Fluke Networks						
OptiFiber Pro HDR OTDR Modu	les		Δ	Address: 6920 Seaway Blvd.						
(OFP-200-S, OFP-200-S1490, OF	FP-200-S1625)		C	ity: Everett State: WA	Zip: 98203	Phone: 800-283-5853				
Volatile Memory										
Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)?										
Yes No (If the answer is 'Yes', provide the following information for each type of memory.)										
Sub-Item:	Memory Type	Size:	User	Function:	Process to	Clear:				
	(SRAM, DRAM,		Modifiable:							
	etc.):									
OptiFiber Pro HDR OTDR	STM32 processor	260 kB	Yes	Program data storage	Remove p	ower (including battery) for				
Module	internal SRAM		⊠ No		at least 60) seconds.				
OptiFiber Pro HDR OTDR	FPGA SRAM	4884	Yes	Measurement data sample storage	ge Remove p	Remove power (including battery) for				
Module		kbits	⊠ No) seconds.					
Non-Volatile Memory										
		•		tained when power is removed)?						
Yes No	i ·			nation for each type of memory.)	<u> </u>					
Sub-Item:	Memory Type	Size:	User	Function:	Process to	Clear:				
	(BBRAM, Flash,		Modifiable:							
0 11511 0 1150 0750	EEPROM, etc.):	540 LB								
OptiFiber Pro HDR OTDR	STM32 processor	512 kB	Yes	Operating system, program	NA NA					
Module	internal Flash		⊠ No	execution, and electronic ID (serial						
				number, module type, production	n					
	0 1 1 51 1			date, etc)						
OptiFiber Pro HDR OTDR	Serial Flash	2 MB	Yes	FPGA configuration data	NA					
Module	5555014		⊠ No	0.111						
OptiFiber Pro HDR OTDR	EEPROM	4 kB	│	Calibration data	NA					
Module			⊠ No							
			Medi							
				le disk drives, memory cards, etc.)	?					
☐ 163	Yes No (If the answer is 'Yes', provide the following information for each type of memory.)									

Statement of Memory Volatility									
Models:			N	Manufacturer: Fluke Networks					
CertiFiber Pro Loss Length, Pow	er Meter Modules		Δ	Address: 6920 Seaway Blvd.					
(OFP-MM, OFP-SM, OFP-QUAD)		C	ity: Everett State: WA	Zip: 98203	Phone: 800-283-5853			
Volatile Memory									
Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)?									
Yes No (If the answer is 'Yes', provide the following information for each type of memory.)									
Sub-Item:	Memory Type	Size:	User	Function:	Process to	Clear:			
	(SRAM, DRAM,		Modifiable:						
	etc.):								
CertiFiber Pro Loss Length,	STM32 processor	48 kB	Yes	Program data storage	Remove p	ower (including battery) for			
Power Meter Modules	internal SRAM		⊠ No		at least 60	seconds.			
CertiFiber Pro Loss Length,	FPGA SRAM	4608 B	Yes	Communication packet data	Remove p	Remove power (including battery) for			
Power Meter Modules			⊠ No	storage	at least 60	seconds.			
Non-Volatile Memory									
Does the item contain non-vola ☐ Yes ☐ No		•		tained when power is removed)? nation for each type of memory.)					
Sub-Item:	Memory Type	Size:	User	Function:	Process to	Clear:			
	(BBRAM, Flash,		Modifiable:						
	EEPROM, etc.):								
CertiFiber Pro Loss Length,	STM32 processor	128 kB	Yes	Operating system, program	NA				
Power Meter Modules	internal Flash		No No	execution, and electronic ID (seri	al				
				number, module type, production	n				
				date, etc)					
CertiFiber Pro Loss Length,	Serial Flash	2 MB	Yes	FPGA configuration image	NA				
Power Meter Modules			⊠ No						
CertiFiber Pro Loss Length,	EEPROM	4 kB	Yes	Calibration data	NA				
Power Meter Modules			No						
Media									
Does the item contain media s	torage capability (i.e., r	emovable o	r non-removab	le disk drives, memory cards, etc.)	?				
Yes No	(If the answer is 'Yes',	provide the f	following inforn	nation for each type of memory.)					

		Sta	tement of Mer	nory Volatility				
Models:			ı	Manufacturer: Fluke Networks				
DSX-600 CableAnalyzer, DSX-60	0 Remote, DSX-602 Cal	oleAnalyzer,	DSX-602	Address: 6920 Seaway Blvd.				
Remote			(City: Everett	State: WA	Zip: 98203	Phone: 800-283-5853	
			Volatile M	emory				
Does the item contain volatile	memory (i.e., memory	whose cont	ents are lost wl	nen power is re	moved)?			
	(If the answer is 'Yes',	provide the	following inforr	mation for each	type of memory.)			
Sub-Item:	Memory Type	Size:	User	Function:		Process	to Clear:	
	(SRAM, DRAM,		Modifiable:					
	etc.):							
DSX-600 CableAnalyzer /	Mobile DDR	256 MB		Program exec	ution and data	Remove	power (including battery) for	
DSX-600 Remote			☐ No	storage		at least 6	60 seconds.	
DSX-600 Remote	Mobile DDR	128 MB		Program exec	ution and data	Remove	power (including battery) for	
			☐ No	storage		at least 6	60 seconds.	
DSX-600 CableAnalyzer /	i.MX processor	160 kB		Operating system, program		Remove	power (including battery) for	
DSX-600 Remote	internal Cache		☐ No	execution and data storage		at least 6	60 seconds.	
DSX-600 CableAnalyzer /	PIC16F internal	256 B	☐ Yes	Power supply management data		Remove	power (including battery) for	
DSX-600 Remote	SRAM		⊠ No	storage		at least 6	60 seconds.	
DSX-602 CableAnalyzer /	DDR3L DRAM	1 GB		Program exec	ution and data	Remove	Remove power (including battery) for	
DSX-602 Remote			☐ No	storage		at least 6	at least 60 seconds.	
DSX-602 CableAnalyzer /	i.MX processor	736 kB		Program exec	ution and data	Remove	Remove power (including battery) for	
DSX-602 Remote	internal Cache		☐ No	storage		at least 6	60 seconds.	
DSX-602 CableAnalyzer /	i.MX processor	288 kB	☐ Yes	Program data	storage	Remove	power (including battery) for	
DSX-602 Remote	internal SRAM		⊠ No			at least 6	60 seconds.	
DSX-602 CableAnalyzer /	KL03 processor	2 kB	Yes	Microcontroll	er program data	Remove	power (including battery) for	
DSX-602 Remote	internal SRAM		⊠ No			at least 6	60 seconds.	
DSX-600 CableAnalyzer /	DSP internal SRAM	132 kB	☐ Yes	Program instr	uction and data	Remove	power (including battery) for	
DSX-600 Remote / DSX-602			⊠ No	storage		at least 6	60 seconds.	
CableAnalyzer / DSX-602								
Remote								
DSX-600 CableAnalyzer /	SRAM	2 MB	Yes	Program instr	uction and data		power (including battery) for	
DSX-600 Remote / DSX-602			⊠ No	storage		at least 6	60 seconds.	
CableAnalyzer / DSX-602								
Remote								

			Non-Volatile	Memory					
Does the item contain non-vo	• •	•		etained when power is removed)?					
Yes No (If the answer is 'Yes', provide the following information for each type of memory.)									
Sub-Item:	Memory Type (BBRAM, Flash, EEPROM, etc.):	Size:	User Modifiable:	Function:	Process to Clear:				
DSX-600 CableAnalyzer / DSX-600 Remote	NOR Flash	128 MB	Yes No	Operating system, program storage, system logs, etc.	NA				
DSX-600 CableAnalyzer / DSX-600 Remote	EEPROM	32 kB	Yes No	Boot configurations, MAC address, electronic ID (serial number, product type, production date, etc), system configuration, etc.	NA				
DSX-600 CableAnalyzer / DSX-600 Remote	PIC16F internal 4	4 k words	Yes No	Power supply management program storage	NA				
DSX-600 CableAnalyzer / DSX-600 Remote	PIC16F internal 2	256 B	Yes No	Not used	NA				
DSX-602 CableAnalyzer / DSX-602 Remote	eMMC Flash	2.2 GB	Yes No	Operating system, program storage, system logs, etc.	NA				
DSX-602 CableAnalyzer / DSX-602 Remote	eMMC Flash	4 MB	Yes No	Boot configurations, MAC address, electronic ID (serial number, product type, production date, etc), system configuration, etc.	NA				
DSX-602 CableAnalyzer	eMMC Flash	1 GB	∑ Yes ☐ No	System settings, project settings, test result storage, user names, passwd, etc	Restore DSX-602 to Factory Defaults (see procedure in Appendix A).				
DSX-602 CableAnalyzer / DSX-602 Remote	KL03 processor internal Flash	32 kB	Yes No	Microcontroller program	NA				
DSX-600 CableAnalyzer / DSX-600 Remote / DSX-602 CableAnalyzer / DSX-602 Remote	NOR Flash	4 MB	Yes No	Boot code, electronic ID (serial number, module type, production date, etc), and calibration data	NA				
DSX-600 CableAnalyzer / DSX-600 Remote / DSX-602 CableAnalyzer / DSX-602 Remote	Serial Flash	512 kB	Yes No	Electronic ID (serial number, link adapter type, production date, etc), usage counts and calibration data	NA				
			Medi	a					

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Does the item contain media storage capability (i.e., removable or non-removable disk drives, memory cards, etc.)? Yes No (If the answer is 'Yes', provide the following information for each type of memory.)								
Sub-Item:	Storage Type (Disk, Tape, etc.):	Size:	User Modifiable:	Function:	Process to Clear:			
DSX-600 CableAnalyzer	Internal microSD Flash card or eMMC Flash memory	2GB	Yes No	System settings, project settings, test result storage, user names, passwd, snmp strings, etc	Restore DSX-600 to Factory Defaults (see procedure in Appendix A).			
DSX-600 CableAnalyzer / DSX-602 CableAnalyzer	Removable USB devices	Variable	Yes No	Flash storage drive for import / export of projects and test results.	Cover port with evidence tape to ensure media devices are not used. If media is present, destroy storage media or perform multiple overwrites.			

Statement of Memory Volatility										
NA dala.			N	Manufacturer: Fluke Networks						
Models: OneTouch AT Network Assistan	+ N.1 o d l o		Δ	Address: 6920 Seaway Blvd.						
One rouch at Network Assistan	t iviodule		C	ity: Everett	State: WA	Zip: 98203	Phone: 800-283-5853			
Volatile Memory										
Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)?										
Yes No (If the answer is 'Yes', provide the following information for each type of memory.)										
Sub-Item:	Memory Type	Size:	User	Function:		Process to	Clear:			
	(SRAM, DRAM,		Modifiable:							
	etc.):									
OneTouch AT Network	SDRAM	512 MB		Program execution and data R			ower (including battery) for			
Assistant Module			☐ No	storage		at least 60	seconds.			
OneTouch AT Network	K10 processor	64 kB	Yes	Measurement data Remo			ower (including battery) for			
Assistant Module	internal SRAM		⊠ No			at least 60	seconds.			
Non-Volatile Memory										
Does the item contain non-vola ☐ Yes ☐ No	atile memory (i.e., men (If the answer is 'Yes',									
Sub-Item:	Memory Type	Size:	User	Function:		Process to	Clear:			
	(BBRAM, Flash,		Modifiable:							
	EEPROM, etc.):									
OneTouch AT Network	NAND Flash	1 GB		Module progra	am and data storag	ge Restore O	neTouch AT to Factory			
Assistant Module			☐ No			Defaults (s	see procedure in Appendix			
						B).				
OneTouch AT Network	EEPROM	4 kB	Yes	Module setting	gs, serial number,	NA				
Assistant Module			⊠ No	MAC address,	etc					
OneTouch AT Network	K10 processor	512 kB	Yes	Cable test prog	gram storage	NA				
Assistant Module	internal Flash		⊠ No							
			Medi							
Does the item contain media storage capability (i.e., removable or non-removable disk drives, memory cards, etc.)? Yes No (If the answer is 'Yes', provide the following information for each type of memory.)										

Sub-Item:	Storage Type (Disk, Tape, etc.):	Size:	User Modifiable:	Function:	Process to Clear:
OneTouch AT Network Assistant Module	Internal microSD Flash card	2 GB	Yes No	Reports, profiles, screen shots, certificates, etc.	Restore OneTouch AT to Factory Defaults (see procedure in Appendix B).
OneTouch AT Network Assistant Module	Removable SD Flash card	Variable	⊠ Yes □ No	Capture storage and data transfer	Cover port with evidence tape to ensure media devices are not used. If media is present, destroy storage media or perform multiple overwrites.

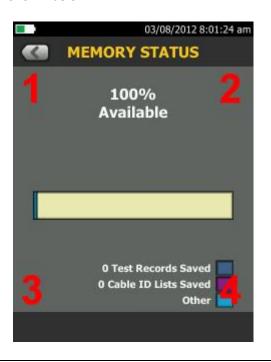
Additional Information:

All of the DSX-5000 CableAnalyzer, DSX-8000 CableAnalyzer, CertiFiber Pro Loss Length Power Meter, OptiFiber Pro OTDR, and OneTouch AT Network Assistant products can be configured into kits that can include some or all of the sub-items listed below:

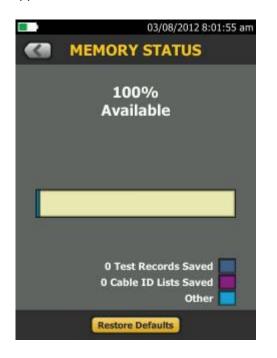
- Versiv / TFS
- Versiv Remote
- Versiv2 (no OneTouch AT Network Assistant module support)
- Versiv2 Remote
- DSX-5000 CableAnalyzer Module
- DSX-5000 Link Adapters (various)
- DSX-8000 CableAnalyzer Module
- DSX-8000 Link Adapters (various)
- CertiFiber Pro Loss Length, Power Meter Module (various)
- OptiFiber Pro OTDR Module (various)
- OneTouch AT Network Assistant Module (only supported with Versiv / TFS)

Appendix A: Versiv / Versiv2 / TFS / DSX-600 / DSX-602 Restore to Factory Defaults

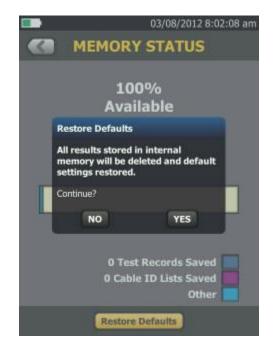
- If a OneTouch AT Network Assistant module is connected to the Versiv / TFS unit, remove that module from the main unit. Power up the Versiv / Versiv2 / TFS / DSX-600 / DSX-602 while holding down the HOME key. NOTE: the OneTouch AT Network Assistant module is not an accepted module in the Versiv2 unit.
- Tap **Tools** followed by **Memory Status** and follow the instructions shown below.
- 1. Touch the parts of the screen in the order shown below.



2. You will then see a **Restore Defaults** button appear.



3. Tap this for a final warning about doing this.

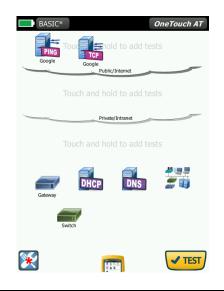


The Versiv / Versiv2 / TFS / DSX-600 / DSX-602 unit will then delete stored user data and restore the system to factory defaults before playing a tune and rebooting the system.

Appendix B: OneTouch AT Network Assistant Restore to Factory Defaults

Requires OneTouch AT Network Assistant version 2.0 software or later. If software version 5.0 or later is installed, this is supported by NetScout and may not work as described below. With the OneTouch AT Network Assistant module connected to the Versiv / TFS unit, connect the AC adapter and power up the system then follow the procedure shown below.

1. On the HOME screen tap the TOOLS icon



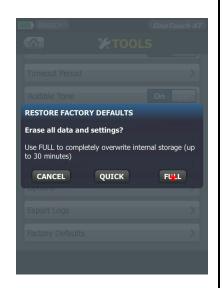
2. Scroll down to the Maintenance Tools section.



3. Tap Factory Defaults.



4. Tap the Full button.



The procedure may take as long as 30 minutes to complete. Do not interrupt the process while it is in progress.