



Release Notes

Product	Scalar 50® and PX5xx® V55
Web Browsers (Remote Web Client)	Microsoft® Internet Explorer 6.0 and later versions and Mozilla Firefox™ 1.0.6 and later versions
Date	February 2011

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Purpose of This Release

Scalar 50 and PX5xx (V55) includes several new features and enhancements that extend its capabilities. These release notes describe these new features and enhancements, as well as currently known issues and issues that were resolved for this release of the product. These notes also provide drive and auxiliary firmware compatibility information. Visit <http://www.quantum.com> for additional information about Scalar 50 and PX5xx and previous releases.

New Features and Enhancements

- Scalar 50 and PX5xx (V55) includes the following feature for this new product launch.

Caution: With the release of firmware V51, the media changer's Fibre Channel (FC) World Wide Port Name (WWPN) has been changed to be consistent with other Quantum Scalar libraries and FC target devices. In the prior firmware release, the WWPN was equal to the World Wide Node Name (WWNN). In V51 the WWPN is now a value of one greater than the WWNN. The media changer's World Wide Port Name value is reported on the Remote Management Pages under **Setup -> SCSI/Fibre -> Connectivity/Fibre**. When upgrading from a prior firmware revision, this change may result in library not being available to the host in FC SAN configurations that employ persistent binding and/or zoning in FC switch(es). An update to persistent bindings settings or rezoning of the FC switch(es) may be required.

- Bug fixes.

Compatibility Matrix

The following table provides information about library and tape drive firmware compatibility with Scalar 50 and PX5xx (V55) This information is current as of the publication date of these release notes.

Scalar 50 Compatibility Matrix

Component	Firmware Version
Library Firmware	V55
TC2201 iSCSI Bridge	6.1.30
Drive Types	
Quantum DLT-S4 (SCSI)	V42
Quantum DLT-S4 (Fibre)	V42
HP LTO-3 (SCSI)	G63Z
HP LTO-3 (Fibre)	L63Z
HP LTO-4 (SCSI)	B44Z
HP LTO-4 (Fibre)	H44Z
HP LTO-4 HH (SAS)	U25Z

Component	Firmware Version
Quantum LTO-3 HH (SCSI)	V20766316-900
Quantum LTO-3 HH (Fibre)	V20776316-700

PX5xx Compatibility Matrix

Component	Firmware Version
Library Firmware	V55
FC1202 Fibre Channel bridge	5.6.2h

Drive Types

Quantum SDLT 320	V96
Quantum SDLT 600 (SCSI)	V53
Quantum SDLT 600 (Fibre)	V53
Quantum DLT-S4 (SCSI)	V42
HP LTO-2 (SCSI)	F6CZ
HP LTO-3 (SCSI)	G63Z
HP LTO-3 (Fibre)	L63Z

Resolved Issues

This release of Scalar 50 and PX5xx (V55) firmware resolved the following issues:

Change Request Number	Service Request Number	Description
21710		After about 49.7 days library resets date and time to Boot Date and Time.
22643		Power Off Needs to move Robot to Park Regardless
22753		B50B errors with V51 are still seen at manufacture

Change Request Number	Service Request Number	Description
30594		Diagnostic Enhancements: <ul style="list-style-type: none"> • During the Health test add a check for QSB error rates • Camera focus Test • ACal Test • Camera calibration Test • Improve Z and Rotation Backlash calculations • Improved statistic reporting
30680		Stack Overflow condition is logged repetitively, filling the event log and console output.

Known Issues

This release of Scalar 50 and PX5xx (V55) firmware has the following known issues:

Change Request Number	Service Request Number	Description	Workaround
PCR 17460		When logging in through service telnet port, the first login always fails.	This only occurs with some telnet clients. This will be corrected in future releases of library firmware.
PCR 18082		False power supply and power supply fan critical events may be logged on rare occasions.	This will be corrected in future releases of library firmware.
PCR 19087		OCP/Remote Management Pages: A method is needed to unlock the doors when a host goes down leaving the doors in a locked state.	Restart the backup application and unlock resources. This is a usability change that will be addressed in a future release.
PCR 19090		The number of event fields on the OCP should match what the customer is able to view (critical, warning, and information).	This will be corrected in future releases of library firmware.
PCR 19188		Remote Management Pages: The drive firmware update does not refresh to the new firmware version once the update completes. It requires a power cycle to update.	To display the correct drive firmware version after an update on the Remote Management Pages, the customer will need to power cycle the library.
PCR 19242		Log Sense page 07 (Last N Error Events) doesn't work as reported in the Software Interface Guide.	This will be corrected in future releases of library firmware.

Change Request Number	Service Request Number	Description	Workaround
PCR 19853		The drive firmware update through the Remote Management Pages sometimes fails.	Try the procedure again, if it still fails use the primary port connection to update drive firmware.
PCR 19997		During a I/E column port operation, if Release Magazine is selected from OCP and tapes are moved around, the library can fail after the door closes and a re-scan occurs.	If load ports are being accessed, do not attempt to release the magazine. This will be corrected in future releases of library firmware
PCR 20130		The User password is rejected if it contains “_”.	Do not attempt to use “_” with a user password. Instead, use another non-alphanumeric character in its place. This will be corrected in future releases of library firmware.
PCR 20354		A drive log download from a Quantum LTO-3 HH tape drive can cause a brief loss of communication to the remote management pages. The library status icon will change to Communication Down .	This is only a temporary loss of communication (30 seconds to 2 minutes). After that time, the communication to the remote management pages will return. This will be corrected in future releases of library firmware.

Documentation

Scalar 50 Documentation

The following documents are currently available for the Scalar 50 (V55).

Document Number	Document Title
	Scalar 50 Quick Start Guide
81-81768 A01	Scalar 50 User’s Guide
81-81769 A01	Scalar 50 Tape Drive Installation Instructions
81-81770 A01	Scalar 50 Tape Drive Replacement Instructions
81-81771 A01	Scalar 50 Magazine Upgrade/Exchange Instructions
81-81772 A01	Scalar 50 Chassis Repacking Instructions
81-81793 A01	Scalar 50 Power Supply Upgrade Instructions
81-81359 A01	TC2201 User’s Guide
6311658 A01	SNMP Integration Guide
81-81289 A01	Software Interface Guide

To order a copy of the source code covered by the Open Source License, contact the Quantum Technical Assistance Center. Refer to Contacting Quantum below.

PX5xx Documentation

The following documents are currently available for the PX5xx and Scalar 50 (V55).

Document Number	Document Title
	PX502 Quick Start Guide
81-81290 B01	PX500 Series User's Guide
81-81304 A01	PX500 Series Tape Drive Installation Instructions
81-81303 A01	PX500 Series Tape Drive Replacement Instructions
81-81379 A01	PX500 Series Power Supply Upgrade Instructions
81-81357 A01	PX500 Series Tape Magazine Upgrade Instructions
81-81453 A01	PX502 Chassis Repacking Instructions
81-81354 A01	FC1202 User's Guide
81-81359 A01	TC2201 User's Guide
6311658 A01	SNMP Integration Guide
81-81802 A01	Firmware Upgrade Instructions for Stacked Libraries
81-81289 A01	Software Interface Guide

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Contacting Quantum

More information about this product is available on the Service and Support website at www.quantum.com/support. The Service and Support Website contains a collection of information, including answers to frequently asked questions (FAQs). You can also access software, firmware, and drivers through this site.

For further assistance, or if training is desired, contact Quantum:

Quantum Technical Assistance Center in the USA:	+1 800-284-5101
For additional contact information:	www.quantum.com/support
To open a Service Request:	www.quantum.com/esupport

For the most updated information on Quantum Global Services, please visit:
www.quantum.com/support