



# Scalar i40 and Scalar i80 Library Firmware Upgrade Instructions

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This document describes how to upgrade your library firmware. See the *Scalar i40 and Scalar i80 User's Guide* for more detailed information.

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**Note:** Tape drive firmware is bundled with library firmware. When you install library firmware, tape drive firmware is installed at the same time. During a library firmware upgrade or downgrade, the library autolevels tape drive firmware. Autoleveling automatically updates firmware on all installed tape drives, keeping all tape drives of the same type at the same firmware level. Autoleveling will not occur if a tape drive has a cartridge loaded in it. Make sure to unload all tape drives before updating library firmware.

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**Note:** If you are upgrading firmware, and you previously installed a tape drive firmware patch separately from library firmware, you must delete the patch from your library before your tape drives can autolevel to the tape drive firmware you are installing with the library firmware upgrade.

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**Note:** If you are downgrading library firmware to an earlier version using the firmware upgrade process, library configuration settings will be reset to the factory defaults. You must manually reconfigure your library's settings.

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- 1 Library firmware is available at: <http://www.quantum.com/ServiceandSupport/SoftwareandDocumentationDownloads/Sl40/Index.aspx>. Navigate to the appropriate firmware version and download the file to a known location on your computer. If unsure which version to download, verify the correct version with the release notes or Quantum Support.
- 2 Unload tape cartridges from all tape drives installed in the library.
- 3 Capture a library snapshot (recommended for troubleshooting in case there is a problem with the upgrade). From the Web client, select **Tools > Capture Snapshot** and complete the screens that follow.
- 4 Save the library configuration. From the Web client, select **Tools > Save/Restore Configuration > Save System Configuration**.

- 5 From the Web client, select **Tools > Update Library Firmware**.

The **Tools - Update Library Firmware** screen appears.

- 6 Click **Browse**.

- 7 Locate the library firmware file and click **Open**.

- 8 Click **Apply**.

A confirmation dialog box appears asking you to confirm that you want to update the library firmware and restart the library.

- 9 Click **OK** to continue with the library firmware update operation.

The Progress Window appears. The Progress Window contains information on the action, elapsed time, and status of the requested operation. The Progress Window closes automatically and the library shuts down and then reboots. Wait for the library to completely reboot before logging back in.

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**Caution:** After the update process starts, you must wait until it completes. This takes several minutes after the Web client logs you out. Do not attempt to interrupt the process in any way, and do not power cycle the library. Loss of data or library operability could occur.

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- 10 Clear the Web browser cache before logging in to the library. See your Web browser's documentation for instructions on how to clear the cache.

- 11 Log in to the library.

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**Note:** If the library is still in the process of restarting, the Web browser may display an error page or message when you try to access or log into the Web client.

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- 12 Verify the library firmware installed successfully by viewing the About Scalar i40/i80 report (on the Web client, select **Reports > About > Scalar i40/i80**).

- 13 Save the library configuration again. From the Web client, select **Tools > Save/Restore Configuration > Save System Configuration**.

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