

Spectracom released a software update for VelaSync. Customers can download this software update at no charge from the Spectracom website (see [How to download and install the new SW.](#)) This software update will upgrade the unit's system software to **Version 1.1.2**.

This update provides added benefits through new features, enhancements to existing functionality, as well as software fixes and security updates, as described in this document.

For your convenience, older legacy releases are also described in this document.

Table of Contents

Table of Contents	2
Version 1.1.2.....	3
Version 1.1.1.....	4
Version 1.1.0.....	5
Which SW version is installed on my VelaSync?	6
How to download and install the new SW	7
How to contact Spectracom Technical Support	8

Version 1.1.2

Newly released features

- n/a.

Enhancements and fixes

The following improvements were applied to existing features and functions:

- n/a

The following defects were corrected:

- Fixed an issue preventing Stratum 2 NTP operation without an active timing reference.
- Corrected bugs wherein the Web UI became unresponsive and required reboot.
- Fixed issues with improper PTP Management Packets.
- Repaired minor issues with the upgrade/update function
- Corrected “nil value” error message when network is restarted.

Security enhancements and fixes

- No vulnerabilities are currently known or repaired in this release.

Version 1.1.1

Newly released features

- Added command line support for PRISMA Compliance compatibility.

Enhancements and fixes

The following improvements were applied to existing features and functions:

- Fixed issues with upgrade procedures in the Web UI, the internal timing card, and the Mellanox driver.
- Enabled user configuration manipulation: saving, restoring, and uploading settings.
- Increased the Web UI file upload size limit

The following defects were corrected:

- Repaired a bug involving the time manager that caused some units to lose references.
- Corrected an issue wherein the disk usage field was not populated.
- Fixed issues in the SSH Config box and SSH host keys.
- Repaired an error with the clean cli command not fully restoring default configuration.
- Cleared error messages concerning locale in the update log.
- Refreshed the product name, config and log bundle names, and logos.
- Fixed an issue with the writing of oscillator and timing logs.
- Updated internal permissions and enabled user creation in the Web UI.
- Fixed visibility of oscillator serial number, MAC address, and IPMI IP address in the Web UI.

Security enhancements and fixes

- No vulnerabilities are currently known or repaired in this release.

Option Card enhancements and fixes

The following defects were corrected:

- n/a

Version 1.1.0

Newly released features

- Added Reference Monitoring support to software and Web UI
- Added VLAN support to software and Web UI
- Added PTP Slave Support (for the kernel only)
- Added upgrade support through the Web UI

Enhancements and fixes

The following improvements were applied to existing features and functions:

- Implemented general Web UI improvements to various page values and displays.

The following defects were corrected:

- Corrected a few interface bugs on the Web UI system affecting both restarting and upgrading

Security enhancements and fixes

- No vulnerabilities are currently known or repaired in this release.

Option Card enhancements and fixes

The following defects were corrected:

- Added OPT-10G support

The following defects were corrected:

- n/a

Which SW version is installed on my VelaSync?

To determine the software version currently installed on your unit:

1. Login to the unit's Web UI
2. Navigate to **Tools > Upgrade/Backup**. The **System Configuration** panel in center of the screen displays the current version number under System:

The screenshot displays the Spectracom VelaSync Web UI. The top navigation bar includes tabs for HOME, INTERFACES, MANAGEMENT, TOOLS, and HELP. The main content area is divided into several panels:

- Actions:** Contains buttons for "Update System Software" and "Apply License File".
- Disk Status:** Shows storage usage: Total (915.30 GB), Used (48.28 GB), Free (867.02 GB), and Percent (5%).
- Updating software from command line:** Provides instructions for copying update archives and running the swupdate tool.
- System Configuration:** A table listing hardware and software details. The "System" row shows "PRISMA VelaSync" and "SW V1.1.0 (07aa4c18e8d4)", with the latter circled in orange.
- Upgrade Log:** Displays a list of upgrade events, including "Upgrade complete" and "Upgrade script finished, reboot".
- Software Versions:** Lists various software components and their versions, such as Apache (2.4.25), Chrony (3.0), and PHP (7.0.30-0+deb9u1).

Figure 1: Software revision reported under Tools > Upgrade/Backup.

How to download and install the new SW

Downloading the Software Update

The latest VelaSync software update can be downloaded from the Spectracom website under <https://files.spectracom.com/public-downloads/latest-velasync-update-files>

Note: When updating from the beta version (1.0.0), it is necessary to apply the update, and then apply the update a second time, this time using the “clean update” checkbox option. Contact Spectracom for more details.

Installing the Software Update

Instructions on how to install the new software update can be found under http://manuals.spectracom.com/VS/Content/VSS/SYSAD/SW_Upgrades.htm

NOTE: The most current version of the main **User Manual** can be found under manuals.spectracom.com.

Hard copies of this User Manual may be purchased from the Spectracom Sales department at US +1.585.321.5800.

How to contact Spectracom Technical Support

Should you have any questions or comments regarding any of the above-mentioned features or fixes, please contact Spectracom Technical Support:

<https://spectracom.com/support/request-service-product-support>