Spectralink Versity 97 Series Smartphone

Release Notes

Spectralink Versity Software

Release 13.1.0.758

Copyright Notice

Notice

Spectralink Corporation has prepared this document for use by Spectralink personnel and customers. The drawings and specifications contained herein are the property of Spectralink and shall be neither reproduced in whole or in part without the prior written approval of Spectralink, nor be implied to grant any license to make, use, or sell equipment manufactured in accordance herewith.

Spectralink reserves the right to make changes in specifications and other information contained in this document without prior notice, and the reader should in all cases consult Spectralink to determine whether any such changes have been made.

NO REPRESENTATION OR OTHER AFFIRMATION OF FACT CONTAINED IN THIS DOCUMENT INCLUDING BUT NOT LIMITED TO STATEMENTS REGARDING CAPACITY, RESPONSE-TIME PERFORMANCE, SUITABILITY FOR USE, OR PERFORMANCE OF PRODUCTS DESCRIBED HEREIN SHALL BE DEEMED TO BE A WARRANTY BY SPECTRALINK FOR ANY PURPOSE, OR GIVE RISE TO ANY LIABILITY OF SPECTRALINK WHATSOEVER.

Warranty

The *Product Warranty and Software License and Warranty* and other support documents are available at http://support.spectralink.com.

Contact Information

US Location	Denmark Location	UK Location
+1 800-775-5330	+45 7560 2850	+44 1344 206591
Spectralink Corporation	Spectralink Europe ApS	Spectralink Europe ApS—UK branch
2560 55th Street	Bygholm Soepark 21 E Stuen	Suite B1, The Lightbox
Boulder, CO 80301	8700 Horsens	Bracknell, Berkshire, RG12 8FB
USA	Denmark	United Kingdom
info@spectralink.com	infoemea@spectralink.com	infoemea@spectralink.com

Contents

Introduction to the Versity 97 Series

The Spectralink Versity 97 Series smartphone joins the Versity lineup as our first phone to run on Android 13.

Like our other Versity models, the Versity 97 Series is designed to function in today's interconnected workplace environment. It leverages the versatility of your EMM (Enterprise Mobile Management) system for managing Versity within your greater infrastructure.

The Versity 97 Series uses AMIE (Advanced Mobile Intelligence for Enterprises) and Spectralink Application Management (SAM), to provide unparalleled control in configuring and managing Spectralink devices and applications. Versity, AMIE, and your EMM work together to provide a complete solution for the challenges of mobile management.

Periodic software releases support Versity within this greater infrastructure. These release notes provide a summary of the issues covered in each release. Notes for past releases are maintained for a complete record of this advancing technology.

Supporting documents, covering the finer points of installation and application, are listed in the Appendix.

Instructions for using standard Android features are readily available online. Specialized Spectralink applications follow Android usage guidelines. A list of references is provided at the end of this document.

Smartphone Features

> ⚡ **Warning**
> ***Use a genuine Spectralink battery!***
>
> Using a non-Spectralink battery puts you at serious risk of injury and will void your product warranty.

The software releases announced in this document support specialized hardware features of the Versity smartphone including:

- Wi-Fi 6 connectivity
- Programmable buttons
- Removable battery
- Barcode scanner (9753 model)
- Location awareness
- Roaming with seamless handoff
- Noise cancelling
- Security enhancements

Spectralink Apps Summary

AMIE

The AMIE Analytics system enables administrators to keep track of real-time device metrics on a management console.

Barcode

Barcode capture is available on the 9253, 9553, 9653, and 9753 models.

Barcode Lab

The Barcode Lab app provides a quick way to demonstrate how the scanner captures and displays barcode results for 9253, 9553, 9653, and 9753 models.

Battery Life (Batt Life)

Batt Life helps the user manage battery use by allowing a specified charge level to begin low battery alerting.

Biz Phone

The Biz Phone app is Spectralink's SIP telephony application for Versity devices.

Buttons

The Buttons app allows users to program the buttons on their Versity devices.

Device

The Device Settings app provides additional controls for the system administrator for Versity devices.

Diagnostics

Diagnostics allows an administrator to perform diagnostic tests quickly and efficiently prior to considering RMA.

Logging

The Logging app is Spectralink's tool for the management of logcat, syslog, network capture, and other debugging and troubleshooting information by the system administrator for Versity devices.

SAFE

The SAFE app is for emergencies. It can be deployed in lone worker environments or where facilities require extra security.

SAM Client

The SAM (Spectralink Application Management) Client app allows Versity devices to connect with the Spectralink Application Management (SAM) server for Spectralink app configuration and other phone management services not available through an EMM.

SoundStage+

SoundStage+ enables administrators and users to control various system and application volume levels on the Versity phone, in the form of profiles.

SSO

Single sign-on is an authentication system that allows one Versity smartphone to be shared by multiple users, each with their own login.

Sys Updater

The Sys Updater app checks for software updates for Versity devices.

VQO

Voice Quality Optimization (VQO) app is for optimizing audio and video calls from Spectralink dialers or other third-party dialers.

Web API

The Web API app is used by developers to interface with external services and provide links to frequently-used websites.

Finding the Current Spectralink Software Release Version

Current OS and Current Apps bundle versions

Versity offers several ways to determine what Spectralink software release is being used by the platform.
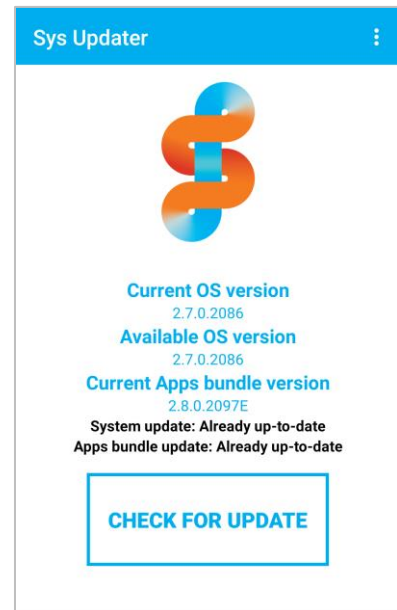
 Open the Sys Updater app. The following are displayed:

- **Current OS version** (the Versity platform version the phone is currently running)
- **Available OS version** (the Versity platform version available from the HTTP server hosting the update files)
- **Current Apps bundle version** (the apps version currently installed on the phone)

(The version and build numbers seen in the screenshots in this section will differ from those on your phone.)

Tap the Sys Update overflow menu and choose Settings to open the Settings menu. The update files are located in the directory indicated in the "Relative path on server" field. (If this field is left blank, the files are contained in the root directory of the server.)

Sys Updater

Current OS version
2.7.0.2086
Available OS version
2.7.0.2086
Current Apps bundle version
2.8.0.2097E
System update: Already up-to-date
Apps bundle update: Already up-to-date

CHECK FOR UPDATE

Sys Updater settings

Android Settings   Versity Build number
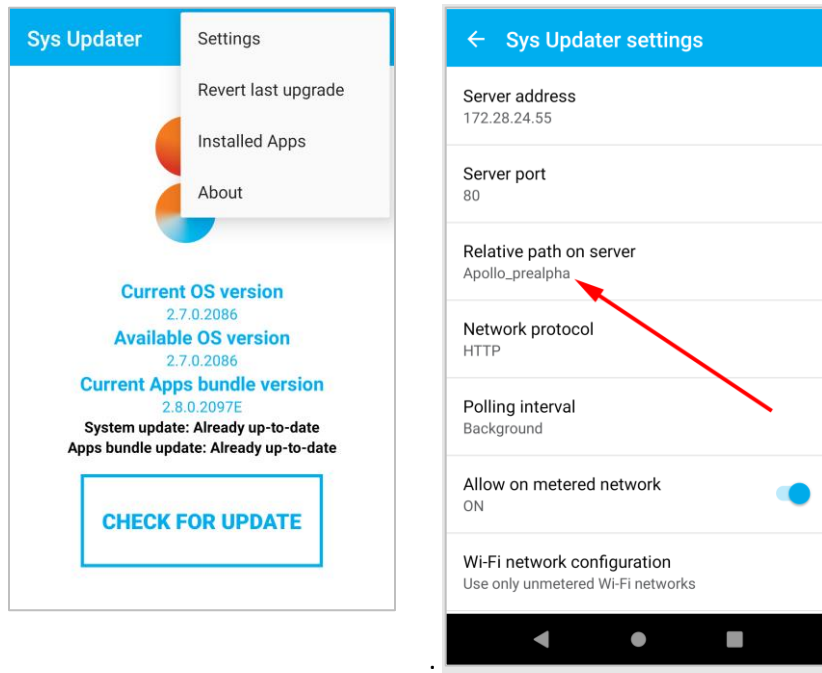
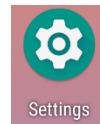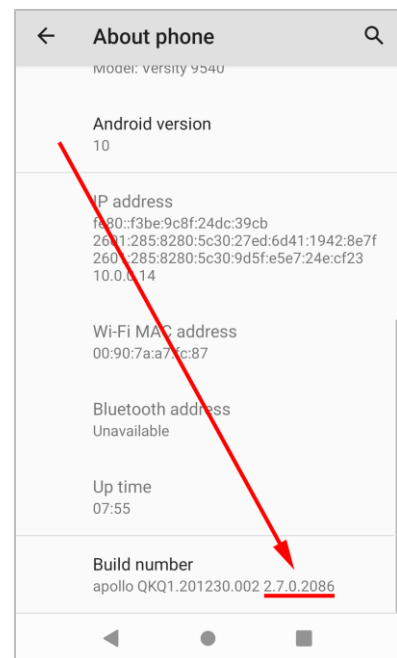The current Versity software version can also be displayed in the Android Settings app. Navigate to **Settings > System > About phone > Build number**. The Versity version number is at the end of the string as shown in the example.

App version

The current version of any Versity app can be found by selecting About from the overflow menu.

App Permissions

Android 13, the OS of our 97 Series phones, handles permissions differently from Android 10, the OS for the rest of the Versity lineup.

The following chart shows the permissions that must be granted for Versity software to run properly in Android 13. In your EMM set these permissions to "Grant all" within the configuration profile or inside the specific application configuration.

> **Admin Tip**
> ***Are you administering 97 Series phones without an EMM?***
>
> If you're not using an EMM but are administering 97 Series phones, see the *Versity Applications Administration Guide* for step-by-step instructions on how to automatically set the permissions shown in the chart below using the 97 Series DPC Initial Deployment QR code.

App	Permissions
AMIE Agent	android.permission.CAMERA android.permission.ACCESS_FINE_LOCATION android.permission.ACCESS_COARSE_LOCATION android.permission.BLUETOOTH_SCAN android.permission.BLUETOOTH_CONNECT android.permission.RECORD_AUDIO android.permission.READ_EXTERNAL_STORAGE android.permission.WRITE_EXTERNAL_STORAGE
Barcode	android.permission.CAMERA, android.permission.READ_PHONE_STATE android.permission.CALL_PHONE android.permission.POST_NOTIFICATIONS android.permission.READ_EXTERNAL_STORAGE android.permission.WRITE_EXTERNAL_STORAGE
BattLife	android.permission.POST_NOTIFICATIONS
BizPhone	android.permission.READ_CALL_LOG android.permission.WRITE_CALL_LOG android.permission.CAMERA android.permission.READ_CONTACTS android.permission.WRITE_CONTACTS android.permission.RECORD_AUDIO android.permission.CALL_PHONE android.permission.READ_PHONE_STATE android.permission.POST_NOTIFICATIONS android.permission.USE_SIP

Device Settings	android.permission.BLUETOOTH_CONNECT android.permission.POST_NOTIFICATIONS android.permission.READ_PHONE_STATE android.permission.READ_MEDIA_IMAGES android.permission.READ_EXTERNAL_STORAGE
Diagnostics	android.permission.CAMERA android.permission.ACCESS_FINE_LOCATION android.permission.ACCESS_COARSE_LOCATION android.permission.BLUETOOTH_SCAN android.permission.BLUETOOTH_CONNECT android.permission.RECORD_AUDIO android.permission.READ_EXTERNAL_STORAGE android.permission.WRITE_EXTERNAL_STORAGE
Logger	android.permission.READ_PHONE_STATE android.permission.POST_NOTIFICATIONS
SAFE	android.permission.POST_NOTIFICATIONS
SamClient	android.permission.CAMERA android.permission.ACCESS_FINE_LOCATION android.permission.ACCESS_COARSE_LOCATION android.permission.POST_NOTIFICATIONS
SoundStage+	android.permission.POST_NOTIFICATIONS
SSO	android.permission.POST_NOTIFICATIONS
Sys Updater	android.permission.READ_PHONE_STATE android.permission.POST_NOTIFICATIONS
Web API	android.permission.ACCESS_FINE_LOCATION android.permission.READ_PHONE_STATE android.permission.POST_NOTIFICATION android.permission.ACCESS_COARSE_LOCATION android.permission.CALL_PHONE
AppUrl Barcode Lab Buttons Port Manager SKeyBoard VQO	(No permission requested)

Chapter 1: Versity 97 Series Software R13.1.0.758

These release notes for the Spectralink Versity 97 Series smartphone cover issues affecting the first generally available release of the software, including known issues that may be corrected in future releases.

Current release information

This release includes these software versions:

- Platform version: 13.1.0.758
  (NOTE: This release bundles the Spectralink apps as part of the platform, so there is not a separate APK bundle and SIG file.)

- SAM version: Spectralink recommends using SAM 1.9.1 or later.

Admin Tip
The default screen timeout on 97 Series phones is 30 minutes, to aid with the initial deployment. This should be changed after deployment!

Because a long screen timeout has a negative impact on battery life, Spectralink recommends that administrators modify the default "Screen Timeout" value in Device Settings from "User Controlled" to a value that works well for their organizations. (X1-4097)

Admin Tip
IPv6 must be enabled

Android 13 requires that IPv6 remain enabled. Even without support for IPv6 and DHCPv6 in the environment, the device will continue to operate normally on IPv4. (X1-4012)

Known Issues

App	Summary	Key
(device)	Battery life in standby mode is not optimized.	
(device)	Battery calibration is not always accurate at low battery levels, which may result in the phone shutting down even though the battery meter shows available charge.	X1TM-500
(device)	If a battery hot swap is attempted during a Webex video call the phone may power off. *Workaround:* Disable video before attempting a hot swap.	X1TM-710

App	Summary	Key
(device)	Sometimes when trying to place a call using Android's Contacts app the user will be prompted to select whether to use Biz Phone or Android's phone app to complete the call. Because 97 Series phones are Wi-Fi only, Android's phone app is not installed on the device. *Workaround:* If prompted to select an app when placing a call, select Biz Phone.	X1TM-715
(device)	Open SSID may not be visible in the Google Wizard (this was observed on a Cisco 9800 controller). *Workaround:* Manually configure the SSID.	X1TM-748
(device)	If you're using a USB headset and perform a battery hot swap during a phone call, the call audio will switch to the phone speaker.	X1TM-759
AMIE Agent	Network candidate APs are not shown in the AMIE UI for 97 Series devices running the 13.1 AMIE Agent app.	X1-5063
Batt Life	In some cases when charging the battery the remaining time required to reach full charge is inaccurately reported on the lock screen and in the app.	X1TM-756
VQO	If SAE and FT + SAE are enabled in your Wi-Fi infrastructure, but FT Preferred is disabled in VQO's Wi-Fi Preferences, in some cases the phone will connect using FT + SAE instead of just SAE.	X1-4838

Appendix A: Spectralink References

All Spectralink documents are available at http://support.spectralink.com.
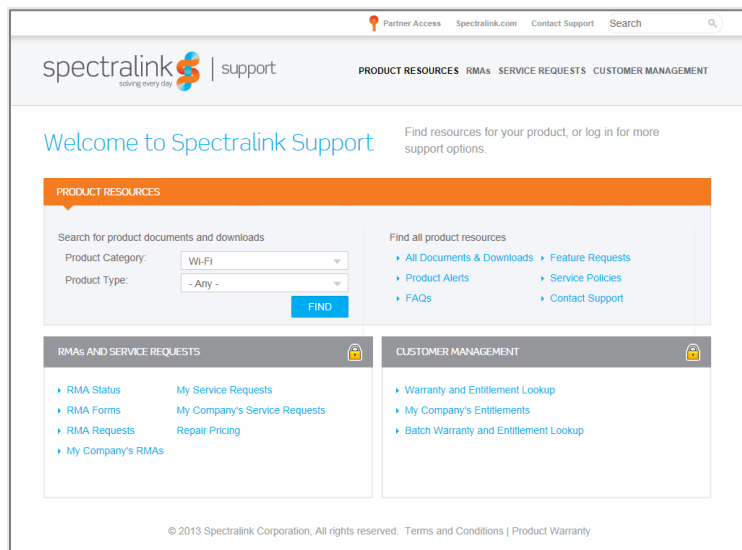
To go to a specific product page:

Select the Product Category and Product Type from the dropdown lists and then select the product from the next page. All resources for that particular product are displayed by default under the "All" tab. Documents, downloads and other resources are sorted by the date they were created so the most recently created resource is at the top of the list. You can further sort the list by the tabs across the top of the list to find exactly what you are looking for. Click the title to open the link.

Specific Documents

Spectralink Versity software and support documents are available on the Spectralink support site at https://support.spectralink.com/members/s/product-documents/products?type=handsets&category=wifi.
(For BETA support contact your Spectralink support representative)

Spectralink SAM software and support documents are available on the Spectralink support site at https://support.spectralink.com/members/s/product-documents/products?type=servers&category=wifi.
(For BETA support contact your Spectralink support representative)

Release Notes accompany every software release and provide the new and changed features and resolved issues in the latest version of the software. Please review these for the most current information about your software.

Spectralink Versity Deployment Guide provides a high-level overview of the deployment process for Spectralink Versity smartphones. This includes the interface with an EMM, the method for

getting Versity connected to the wireless LAN, and the interface with the Spectralink Application Management (SAM) server.

Spectralink Applications Management Guide The Spectralink Applications Management (SAM) Administration Guide provides information about every setting and option for the Spectralink applications that are available to the administrator on the SAM server. Time-saving shortcuts, troubleshooting tips and other important maintenance instructions are also found in this document.

The *Spectralink Applications Administration Guide* describes each Spectralink app and lists each parameter configured for each app. [not yet released]

The *Spectralink Versity User Guide* offers comprehensive instructions for using each of the Spectralink Applications deployed on the handsets.

For information on LTE technology and carrier interoperability, see the *Spectralink Versity Smartphone LTE Carrier Interoperability Guide*

For information on IP PBX and soft switch vendors, see the *Spectralink Call Server Interoperability Guide*.

Technical Bulletins and Feature Descriptions explain workarounds to existing issues and provide expanded descriptions and examples.

AP Configuration Guides explain how to correctly configure access points and WLAN controllers (if applicable) and identify the optimal settings that support Spectralink Versity smartphone. You can find them on the *VIEW Certified* webpage.

White Papers

Spectralink White Papers are available at https://www.spectralink.com/ebooks/.

For details on RF deployment please see The Challenges of Ensuring Excellent Voice Quality in a Wi-Fi Workplace and Deploying Enterprise-Grade Wi-Fi Telephony.

These White Papers identify issues and solutions based on Spectralink's extensive experience in enterprise-class Wi-Fi telephony. They provide recommendations for ensuring that a network environment is adequately optimized for use with Spectralink devices.

Appendix B: Products Mentioned in this Document

Android, Google, Google Play and other marks are trademarks of Google LLC

*****END OF DOCUMENT*****