



Spectralink Versity 97 Series Smartphone

Release Notes

Spectralink Versity Software

Release 13.2.0.1171

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Warranty

The *Product Warranty and Software License and Warranty* and other support documents are available at <https://spectralink.my.site.com>.

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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, 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

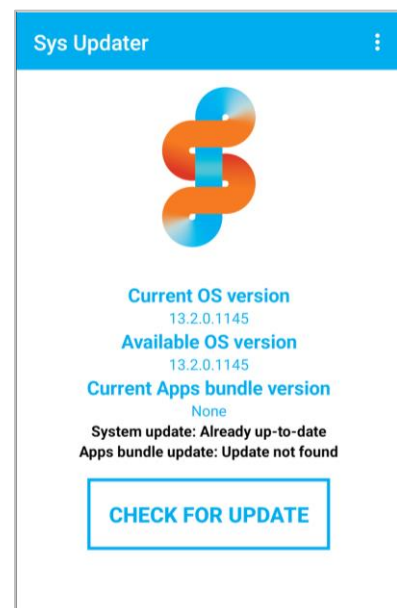
Versity offers several ways to determine what Spectralink software release is being used by the platform.



Open the Sys Updater app. The following are displayed:

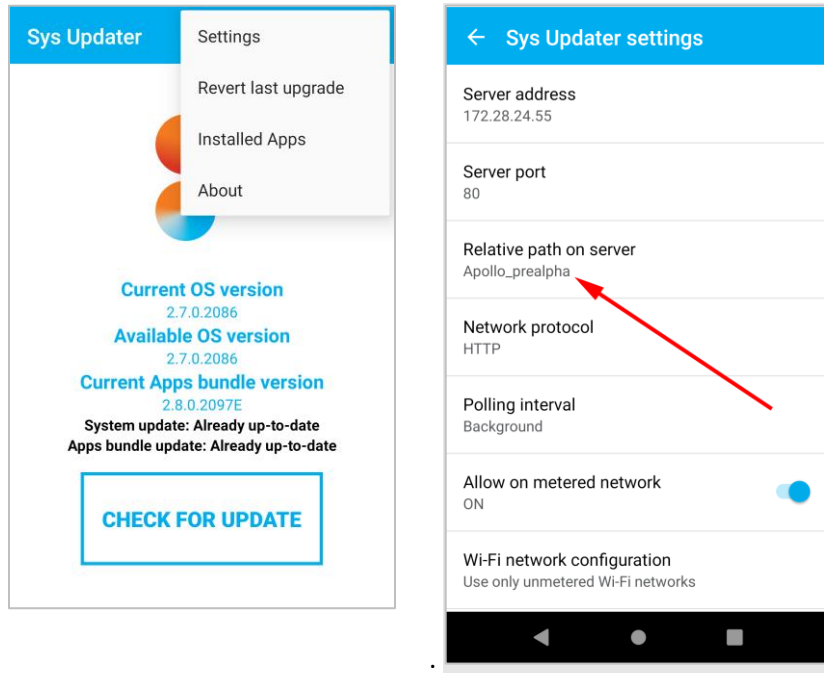
- **Current OS version** (the Versity platform version the phone is currently running)
- **Available OS version** (the Versity platform version available from the HTTP server hosting the update files)
- **Current Apps bundle version** (the apps version currently installed on the phone. Because the 97 Series phones bundle the Spectralink apps with the platform software, “Update not found” will be reported here. Other Spectralink phones running the latest software will report “Already up-to-date”).

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



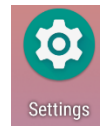
Tap the Sys Update overflow menu and choose Settings to open the Settings menu. The update files are located in the directory indicated in the “Relative path on server” field. (If this field is left blank, the files are contained in the root directory of the server.)

Sys Updater settings

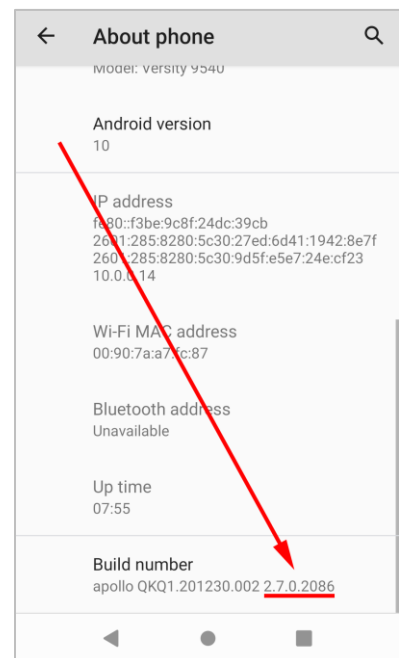


The current Versity software version can also be displayed in the Android Settings app. Navigate to **Settings > System > About phone > Build number**. The Versity version number is at the end of the string as shown in the example.

Android Settings



Versity Build number



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.READ_PHONE_STATE android.permission.ACCESS_FINE_LOCATION android.permission.ACCESS_COARSE_LOCATION android.permission.POST_NOTIFICATIONS
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 android.permission.WRITE_EXTERNAL_STORAGE android.permission.READ_EXTERNAL_STORAGE
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 PTT <i>(not available on V97)</i> SKeyBoard VQO	(No permission requested)

Chapter 1: Versity 97 Series Software

R13.2.0.1171

This release is based on R13.1.0.758.

This release includes these software versions:

- Platform version: 13.2.0.1171
(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 1.10 or later.

Your Spectralink support representative can guide you through software release installations as needed.



Admin Tip

Incremental upgrade from 13.1 to 13.2 via sideload is not supported

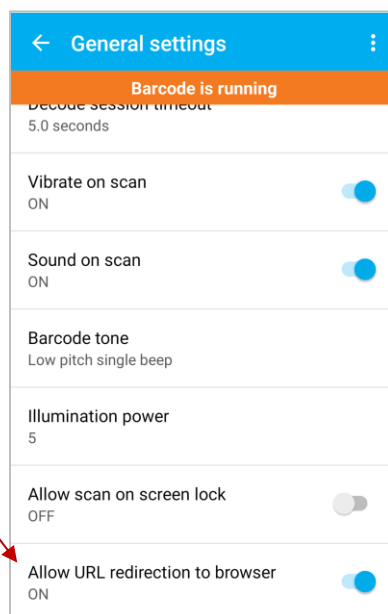
An incremental upgrade from 13.1.0.758 to 13.2.0.1171 using sideload is not supported. Spectralink recommends performing a normal OTA upgrade or sideloading the full update.

Enhancements

Barcode

Allow URL redirection to browser

By default the Barcode app redirects QR code data that begins with <http://> or <https://> to the phone's browser. This setting allows the user to change this behavior, to enable the scanner to work properly with certain third-party apps. (X1-5490)



Device Settings

New Quick settings tiles

There are 8 new Quick settings tiles:

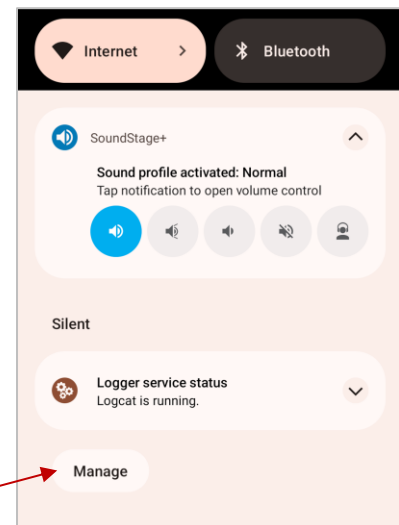
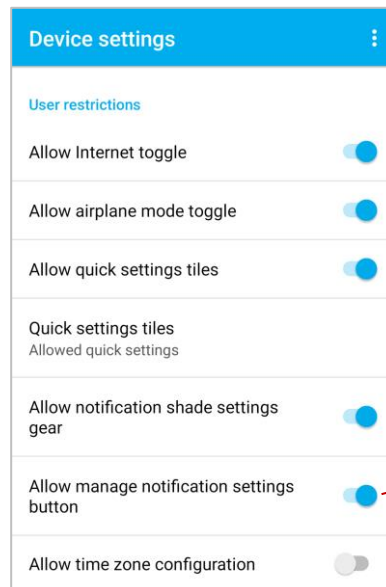
- Alarm
- Device control
- Screen record
- Extra dim
- QR scan
- Color correction
- Live Caption
- Calculator

Unlike the other Quick settings tiles, these are disabled by default. (X1TM-742)

Quick settings tiles	
Alarm	<input type="checkbox"/>
Device control	<input type="checkbox"/>
Screen record	<input type="checkbox"/>
Extra dim	<input type="checkbox"/>
QR scan	<input type="checkbox"/>
Color correction	<input type="checkbox"/>
Live caption	<input type="checkbox"/>
Calculator	<input type="checkbox"/>

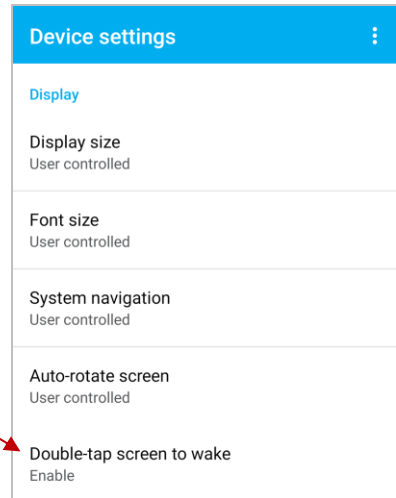
Allow manage notifications settings button

This setting makes it possible to hide the **Manage** button that appears in Android's Notification Shade, for administrators who don't want users to have access to the Notifications Settings on their phones.



Double-tap screen to wake

This feature gives the user the option to double-tap the screen to wake the phone. By default the user can choose whether to enable or disable this feature; alternatively, an administrator can control its availability. (X1-5312)



Default Notification Sound and Default Alarm Sound can now be set to *None*

If you're in an environment where you want notifications and alarms to just trigger a vibration in the phone with no sound, you can now set the Default Notification Sound and Default Alarm Sound to *None*. (X1-4840)

Wi-Fi Profile

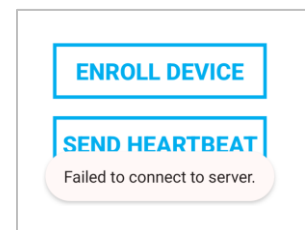
This section is only visible if you're administering phones using an EMM – it does not appear in the Versity phone UI.

When a phone is managed on a provisioning network, an administrator usually configures a phone's enterprise Wi-Fi settings using an EMM. If the EMM is unable to configure the enterprise connection, it can instead be configured in this section of the Device Settings app. (This method should only be used if configuration using the EMM is not working properly.) (X1-5295, X1-5448)

SAM Client

Error message for failed connection

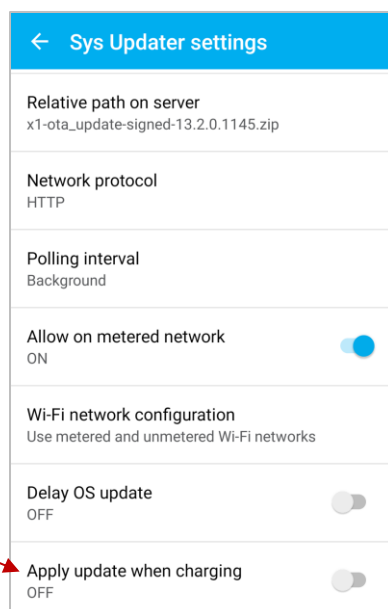
The SAM Client will now trigger an error message if it attempts to send a heartbeat and is unable to connect to the SAM server. (X1-5594)



Sys Updater

Apply update when charging

When this setting is enabled, if a phone is charging and a software update is available, a notification will appear on the screen displaying a 30-second countdown. If the user does not cancel the operation during the countdown, the phone will reboot and apply the update. This setting is disabled by default. (APPS-5686, X1-5451)



Admin Tip *Are you using a Cisco 3504 Wireless Controller?*

Protected Management Frames (PMF) do not work with 97 Series phones on the Cisco 3504 Wireless Controller and should not be used for any security type. As a result, WPA3 (which requires PMF) also cannot be used with this controller. (X1TM-883, X1-5587)

Fixed Issues & Minor Enhancements

App	Summary	Key
(general)	The battery meter now displays accurate battery charge levels.	X1TM-500
(general)	A battery hot swap during a Webex video call now works as expected.	X1TM-710
(general)	Placing calls using Android's Contacts app now automatically launches Biz Phone.	X1TM-715
(general)	Open SSID is now visible in the Google Wizard.	X1TM-748
AMIE Agent	Network candidate APs for 97 Series phones running AMIE Agent are now properly displayed in the AMIE UI.	X1-5063
Batt Life	Remaining time to full charge is now correctly reported by the app and on the lock screen.	X1TM-756
Device Settings	The app's time zone settings are now consistent with Android settings.	X1-5090 X1TM-818
VQO	Disabling FT Preferred in the app's Wi-Fi Preferences now performs as expected.	X1-4838

Known Issues

App	Summary	Key
Device Settings	<p>The <i>Live Caption</i> Quick Settings tile is an Android feature that may be unavailable even if an administrator has enabled it in the app.</p> <p><i>Workaround:</i> Go to Android Settings > Accessibility > Captions > Live Captions > Download to acquire this functionality. See Control external devices on the Android Developers site for more info.</p>	X1-5196 X1-5325
SSO Status	<p>Multiple users badging in with the same login credentials may result in SIP registration problems, including failure of SIP registration for some users or SIP registrations that ring multiple devices at the same time.</p> <p><i>Workaround:</i> Administrators should experiment with their SIP integration to make sure they understand the behaviors of their call server, and should caution users to only log in to one device at a time.</p>	APPS-5884 X1-5445

Security Updates

Operating System	SMR Support End Date	Applicable Devices	Google Security Patch	Included Fixes
Android 13	December 2026	Versity 9740 Versity 9753	January 2024*	CVE-2023-21651 CVE-2023-28548 CVE-2023-28557 CVE-2023-28558 CVE-2023-28567 CVE-2023-33030 CVE-2023-33040 CVE-2023-33043 CVE-2023-33044 CVE-2023-33062 CVE-2023-43511

* Includes prior monthly security patches automatically. New security updates are applied every 90 days.

Chapter 2: 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)

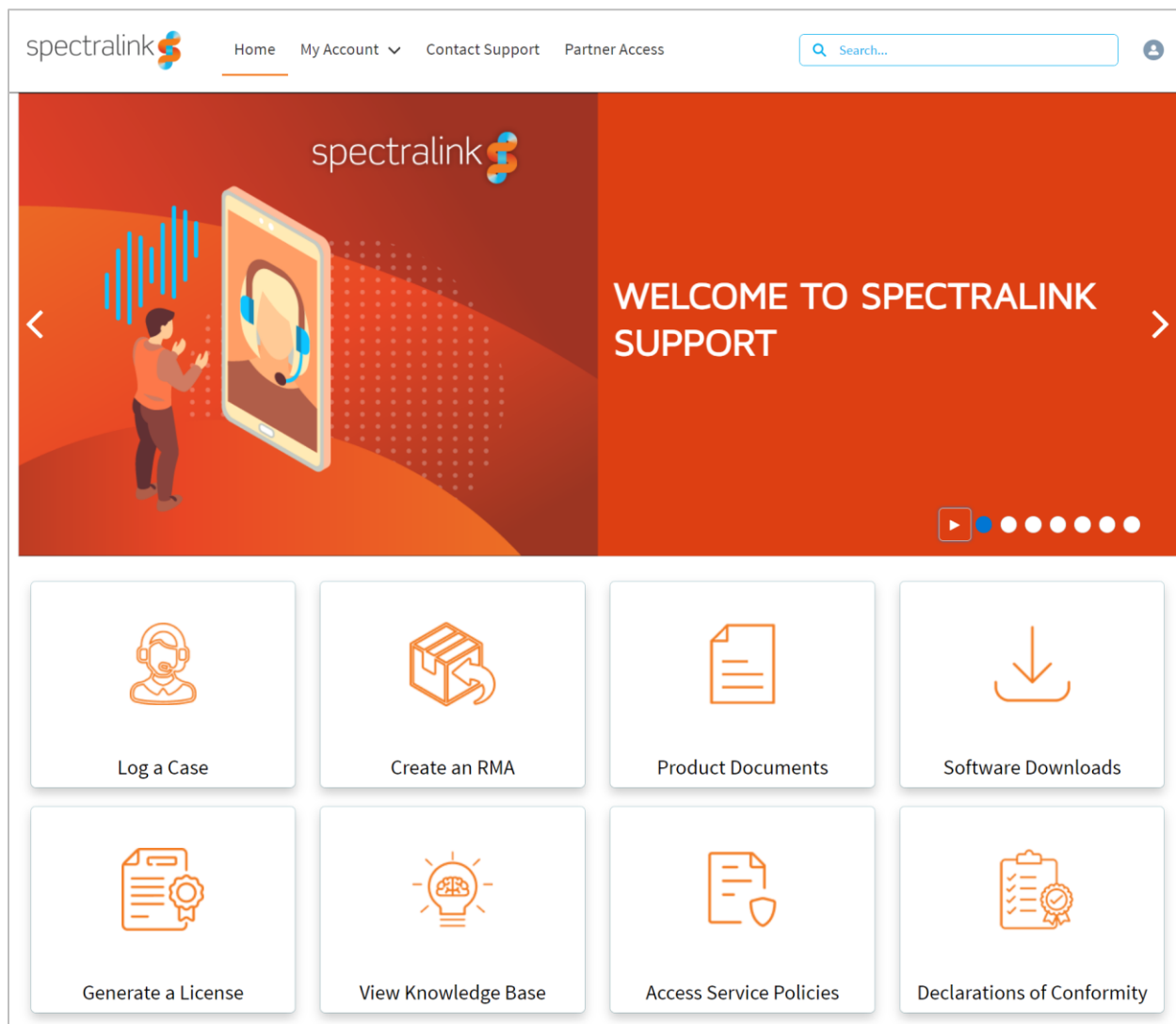
Known Issues

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. <i>Workaround:</i> Disable video before attempting a hot swap.	X1TM-710

<i>App</i>	<i>Summary</i>	<i>Key</i>
(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. <i>Workaround:</i> 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). <i>Workaround:</i> 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 <https://spectralink.my.site.com>.



Specific Documents

[Spectralink Versity software and support documents](#) on the Spectralink support site.

(For BETA support contact your Spectralink support representative)

[Spectralink SAM software and support documents](#) on the Spectralink support site.

(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

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