



Spectralink Versity Smartphone

Release Notes

Spectralink Versity 92 Series

Release 1.2.0.611

Copyright Notice

© 2021 Spectralink Corporation. All rights reserved. Spectralink™, the Spectralink logo and the names and marks associated with Spectralink's products are trademarks and/or service marks of Spectralink Corporation and are common law marks in the United States and various other countries. All other trademarks are property of their respective owners. No portion hereof may be reproduced or transmitted in any form or by any means, for any purpose other than the recipient's personal use, without the express written permission of Spectralink.

All rights reserved under the International and Pan-American Copyright Conventions. No part of this manual, or the software described herein, may be reproduced or transmitted in any form or by any means, or translated into another language or format, in whole or in part, without the express written permission of Spectralink Corporation.

Do not remove (or allow any third party to remove) any product identification, copyright or other notices. Android is a trademark of Google LLC.

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

+1 800-775-5330

Spectralink Corporation
2560 55th Street
Boulder, CO 80301
USA

info@spectralink.com

Denmark Location

+45 7560 2850

Spectralink Europe ApS
Byholm Soepark 21 E Stuen
8700 Horsens
Denmark

infoemea@spectralink.com

UK Location

+44 (0) 20 3284 1536

Spectralink Europe UK
329 Bracknell, Doncastle Road
Bracknell, Berkshire, RG12 8PE
United Kingdom

infoemea@spectralink.com

Contents

Introduction to Versity 92 Series by Spectralink.....	4
Smartphone Features	4
Spectralink Apps Summary	5
Finding the Current Spectralink Software Release Version	6
<i>Platform version</i>	<i>6</i>
<i>App version</i>	<i>7</i>
Android 10 Issues	7
Misc	7
Networking	7
Chapter 1: Versity 92 Series Software R1.2.0.611	9
Enhancements and New Features	9
<i>Barcode.....</i>	<i>9</i>
<i>Device Settings</i>	<i>9</i>
<i>Diagnostics (new app).....</i>	<i>10</i>
<i>Sound Stage (new app).....</i>	<i>10</i>
<i>Wi-Fi performance optimizations</i>	<i>10</i>
Known Issues.....	10
<i>Sound Stage issues</i>	<i>10</i>
<i>Platform issues.....</i>	<i>10</i>
Fixed Issues	11
Chapter 2: Versity 92 Series Software R1.1.0.448	12
Appendix A: Spectralink References	13
<i>Specific Documents.....</i>	<i>13</i>
<i>White Papers.....</i>	<i>14</i>
Appendix B: Products Mentioned in this Document	15

Introduction to Versity 92 Series by Spectralink

The Spectralink Versity 92 Series smartphone is an addition to the Spectralink family of smartphones.

Versity 92 Series software is based on the Android 10 OS. As an Android device, it is designed to use the Android applications model that allows us to apply Android's revolutionary modular approach to solution development for workplace requirements.

Like other Versity models, the Versity 92 Series models are designed to function in today's inter-connected workspace using a smaller footprint. It leverages the versatility of a customer-provided EMM (Enterprise Mobile Management) system for workplace management of Versity within the greater infrastructure.

The Versity 92 Series utilizes AMiE (Advanced Mobile Intelligence for Enterprises) and Spectralink Application Management (SAM) to provide unparalleled precision in configuring and managing Spectralink devices and applications. Versity, AMiE and an EMM working together provide a complete solution for the challenges of mobile management.

Periodic software releases support Versity within this greater infrastructure. 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 cover the finer points of installation and application. Versity documents 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

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

- 802.11ac Wi-Fi connectivity
- Programmable buttons
- Removable battery
- Barcode scanner (9x53 models)
- Location awareness
- Roaming with seamless handoff
- Noise cancelling

- Security enhancements

Spectralink Apps Summary

Spectralink apps are the “brains” of Versity. Versity functions as a ruggedized smartphone using Android 10 technology that does not require Spectralink apps to operate. The apps developed by Spectralink offer features utilized in many workplaces. Listed below are the apps provided with Versity as it is shipped from the manufacturer.

AMiE Agent

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

Batt Life

The Batt Life application displays the current condition of the battery and allows the user to adjust charge alerts.

Biz Phone

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

Buttons

The Buttons app is Spectralink’s application to allow users to program the buttons on Versity devices

Device

The Device Settings app is Spectralink’s application that provides additional controls for the system administrator for Versity devices

Diagnostics

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

Logging

The Logging app is Spectralink’s application for the management of diagnostic information by the system administrator for Versity devices.

PTT

The Push-to-talk (PTT) app is Spectralink’s radio multicast app for Versity devices.

SAFE

The SAFE app is Spectralink’s application 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 is Spectralink’s application that enables Versity devices to connect with the SAM server for Spectralink application configuration and other phone management services not available through an EMM.

Sound Stage

Sound Stage enables administrators and users to control the various system and application volume levels 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 is Spectralink’s application to check for software updates for Versity devices.

VQO

Voice Quality Optimization (VQO) app is Spectralink's application 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

Platform version

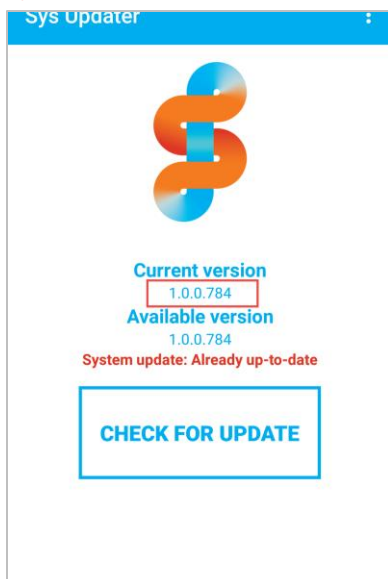
Versity offers several ways to determine what Spectralink software release is being used by the platform.



Open the Sys Updater app. The Current version and any Available version are displayed. The Current version is what the phone is running. The Available version is the version that is available from the HTTP server that is hosting the platform software.

Tap the overflow menu and the Settings option to open the Settings menu for more information about the server.

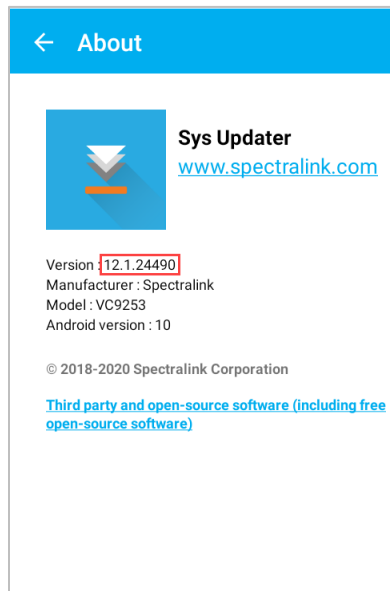
Sys Updater Version screen



Code can also be displayed in the Android Settings app. Navigate to **Settings> System> About phone> Build number**.

App version

Note that the current version of the app is shown in the About screen as shown below accessed through the app menu. Each app has an About screen like the one below.



Android 10 Issues

The first release of Versity 92 Series software introduces this latest Spectralink smartphone to the customer. You will find that the function of the smartphone aligns with Google's Android 10 release and has all the advanced features incorporated in that release. It also is restricted by the few limitations inherent in the Android 10 release. Most questions about Android 10 can be answered on Android websites. Concerns that are pertinent directly to Versity 92 Series are outlined here.

Misc

- **USB On-the-GO (OTG):** Use of uncertified cables may result in OTG not working properly. Third party accessories such as keyboards or a mouse may not work if an incorrect cable is used to connect to the phone's USB port. When buying these products, look for "Benson Approved" and "OTG" cables. Any cables or adapters must be USB certified and built to the USB C specification.

Networking

Aironet IE is a Cisco proprietary attribute used by Cisco devices for better connectivity. The Cisco Client Extensions (CCX) clients use this information to choose the best AP with which to associate.

If Aironet IE is disabled, Versity 92 Series may experience longer than normal handoffs for channels (100 to 144). Long handoffs would result in audio drop outs.

- Voice traffic may not always be prioritized properly when WMM-AC is enforced for voice, which may result in slightly degraded voice quality in high Wi-Fi traffic conditions.
- If a network utilizes only channels not allowed in the US (e.g. only channel 13), the phone will not discover the network. The workaround is to enable at least one channel that is valid in the US for the network to be recognized.
- A reboot is required for an NTP address entered in the Device application to take effect.
- When using Bluetooth for audio it is highly recommended to configure the Wi-Fi deployment to be 5GHz only.
- If PMF is enabled, then FT needs to be enabled to avoid unnecessary handoffs.

Chapter 1: Versity 92 Series Software

R1.2.0.611

This release includes these software versions:

- Handset version: 1.2.0.611
- SAM version: Spectralink recommends deploying SAM R1.4 which includes support for the new features and applications in Android 10.

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



Settings: Updating Versity to the current release

This release can be used to update any Versity 92 Series currently running R1.1.0.448. It is posted on the Spectralink Support website in two different file types—incremental files and a full file. An incremental release is a much smaller file with a faster download time and recommended for more efficient updates.

Use the appropriate incremental file for your current release, for example for updating from R1.1.0.448 to 1.2.0.611 use file `orion-ota_update-signed-1.1.0.448-to-1.2.0.611.zip`.

An incremental update file to R1.2.0.611 has been provided for phones currently running R1.1 and any out-of-the-factory version.

If an incremental update file is not available for your starting version, use the full OTA update file.

If your Versity smartphones are running an earlier version, please contact your Spectralink support representative for instructions on how to get on the latest version.

Enhancements and New Features

Barcode

Advanced Data Formatting added to ScanFlex. AP-7408

Device Settings

A Sounds option allows an administrator to select the types of sounds that are permitted for each sound category and change the default sound for each.

Diagnostics (new app)

Under the direction of Spectralink Support personnel, the Diagnostics app allows an administrator to quickly and efficiently perform diagnostic tests prior to considering RMA.

This app is designed for use in coordination with Spectralink support personnel. Please contact your support representative for assistance.

Sound Stage (new app)

Sound Stage enables administrators and users to control the various system and application volume levels in the form of profiles. It can be fully or partially controlled by SAM or an EMM.

Each profile contains the volume levels for system settings (alarm/media/ringer/in-call) and app settings (WebAPI/PTT/Batt Life). There are 4 predefined profiles (Normal/Loud/Soft/Silent) that can be configured up via SAM.

The administrator or user can configure the app to tell the phone when a particular profile should be applied (e.g, you can say you want the Silent profile from 6pm-9am and then the normal profile from 9am-6pm).

Sound Stage provides NFC options to scan and associate NFC tags to a profile. When configured, profiles can be switched by tapping the phone to something like a badge on the door of a conference room—a very handy way to switch to a silent profile when you enter the meeting room.

Wi-Fi performance optimizations

For R1.2 fixes and improvements have resulted in a better customer experience.

R1.2 includes fixes and improvements to PEAP.

Spectralink strongly advises that R1.1 customers upgrade to R1.2 if using PEAP.

Known Issues

Sound Stage issues

- Some strings in the application are only displayed in English, regardless of the phone's language setting.
- A Beam/Write tag must support Ndef technology.
- Viewing Settings while the phone is controlled by SAM or an EMM may cause an application exception.
- The profile switch rules are only not configurable when using SAM or EMM.

Platform issues

OT2M-612 Reboot events have been observed in rare situations.

OT2M-626 Signaling latency has been observed in rare situations.

Fixed Issues

<i>App</i>	<i>Description</i>	<i>Issue</i>
Logging	Info only, not a bug. When accessing logcat files on a computer you may need to do a mtp refresh. Close and open the service again to get the expected output.	OR-2555
Log ging	Info only, not a bug. When using a logging server: If WLAN logging upload is enabled (which it is not by default) it will generate 7Mg of logs per device per day in an average use case. The max possible use case in extreme usage is 178 Mb per device per day.	OR-2715
Barcode	Fixed an issue where after Barcode timed out, the scanner button had to be pressed twice to initiate a new scan	OR-2694
Buttons	Fixed an issue where after setting an alarm to sound by pressing the volume down button and then rebooting the phone, the setting would not work.	OR-2670

Chapter 2: Versity 92 Series Software

R1.1.0.448

Current release information

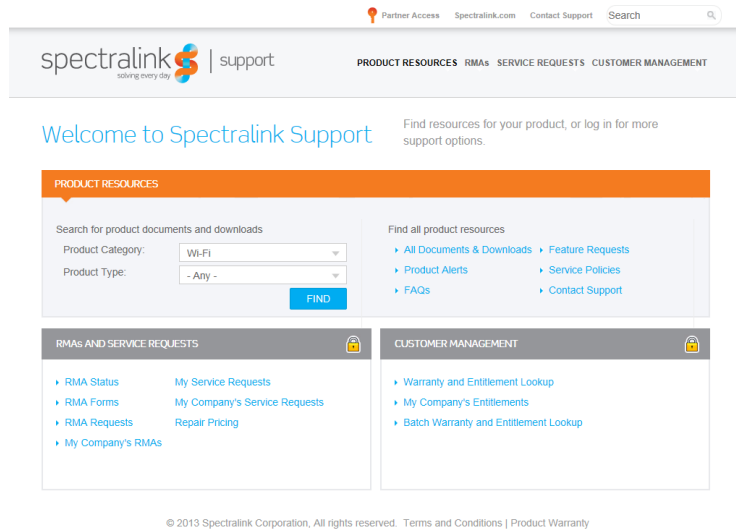
This release includes these software versions:

- Handset Version: 1.1.0.448

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

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.

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 <http://support.spectralink.com/versity>.

Spectralink SAM software and support documents are available on the Spectralink support site at <http://support.spectralink.com/sam>.

Spectralink AMiE Console support documents are available on the Spectralink support site at https://support.spectralink.com/AMiE_Advanced

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 Family 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) 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.

Spectralink AMiE Console Administration Guide describes the setup and management of the AMiE console used to manage Spectralink devices.

The *Spectralink Versity Family Applications Administration Guide* describes each Spectralink app and lists each parameter configured for each app.

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

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 show you how to correctly configure access points and WLAN controllers (if applicable) and identify the optimal settings that support Spectralink handsets and smartphones. You can find them on the *VIEW Certified* webpage.

White Papers

Spectralink White Papers are available at <https://www.spectralink.com/resources/white-papers-ebooks?page=1>.

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*****