5 February 2023

Spectra Geospatial MobileMapper® 60 Handheld: January 2024 Security Update

Introduction

This document contains summary information about the security updates included in the January, 2024 release of the MM60 v2 Android 10 operating system - v53.10.42.

This OS release is now available to all MM60 v2 devices. When next connected to the internet, devices will alert the user that an update is available, and prompt the user to download and install it.

This OS release includes applicable security fixes notified in the October - December 2023 and January 2024 Android Security Bulletins.

Because the Android 10 operating system is no longer receiving security updates, this list details relevant patches that have been back-ported from the Android 11 codebase, along with additional patches released by Qualcomm, Inc.

October 2023 Android Security Bulletin

AOSP Patches (Android 11 backport)

No.	CVE Reference	Path	Status
1	CVE-2023-40128	external/libxml2	Patched with no rejection
2	CVE-2023-21266	frameworks/base	Previously applied
3	CVE-2023-21253		Previously applied
4	CVE-2023-40140		Patched with no rejection
5	CVE-2023-40134		Manually merged
6	CVE-2023-40134		Patched with no rejection
7	CVE-2023-40116		Patched with no rejection
8	CVE-2023-40121		Patched with no rejection
9	CVE-2023-40125	packages/services/Telecomm/	Patched with no rejection
10	CVE-2023-21253	tools/apksig	Manually merged

Qualcomm Open-source Components

None.

November 2023 Android Security Bulletin

AOSP Patches (Android 11 backport)

No.	CVE Reference	Path	Status
1	CVE-2023-40112	external/libcups	Patched with no rejection
2	CVE-2023-40112		Manually merged
3	CVE-2023-40110	frameworks/av	Patched with no rejection
4	CVE-2023-40114		Patched with no rejection
5	CVE-2023-40106	frameworks/base	Previously applied
6	CVE-2023-40106		Previously applied
7	CVE-2023-21103		Previously applied
9	CVE-2023-40106		Patched with no rejection
10	CVE-2023-40105		Patched with no rejection
11	CVE-2023-40109		Patched with no rejection
12	CVE-2023-40115		Patched with no rejection
13	CVE-2023-40113	packages/providers/TelephonyProvider	Manually merged
14	CVE-2023-40112	packages/services/BuiltInPrintService	Patched with no rejection
15	CVE-2023-21111	packages/services/Telecomm/	Previously applied
16	CVE-2023-40104	system/ca-certificates	Manually merged

Qualcomm Open-source Components

None.

December 2023 Android Security Bulletin

AOSP Patches (Android 11 backport)

No.	CVE Reference	Path	Status
1	CVE-2023-40077	frameworks/av	Patched with no rejection
2	CVE-2023-40094	frameworks/base	Previously applied
3	CVE-2023-40095		Patched with no rejection
4	CVE-2023-40074		Patched with no rejection
5	CVE-2023-40092		Manually merged
6	CVE-2023-40094		Patched with no rejection
7	CVE-2023-40091		Patched with no rejection
8	CVE-2023-40092		Patched with no rejection
9	CVE-2023-21267		Patched with no rejection
10	CVE-2023-40099		Patched with no rejection
11	CVE-2023-21267		Patched with no rejection
12	CVE-2023-40088	packages/apps/Bluetooth	Manually merged
13	CVE-2023-40097	packages/apps/Launcher3	Patched with no rejection
14	CVE-2023-40086	packages/services/Telecomm	Manually merged
15	CVE-2023-45866	system/bt	Patched with no rejection
16	CVE-2023-45866		Patched with no rejection
17	CVE-2023-45866		Patched with no rejection
18	CVE-2023-45866		Patched with no rejection
19	CVE-2023-45866		Patched with no rejection
20	CVE-2023-40090		Manually merged
21	CVE-2023-40084	system/netd	Manually merged

Qualcomm Open-source Components

No.	CVE Reference	Path	Status
1	CVE-2023-28588	vendor/qcom/opensource/commonsys/system/bt/	Previously applied
2	CVE-2023-33079	vendor/qcom/opensource/audio-kernel/	Manually merged
3	CVE-2023-33107	kernel/msm-4.19/	Manually merged
4	CVE-2023-33079	vendor/qcom/opensource/audio-kernel/	Manually merged

January 2024 Android Security Bulletin

AOSP Patches (Android 11 backport)

No.	CVE Reference	Path	Status
1	CVE-2024-0023	frameworks/av	Patched with no rejection
2	CVE-2024-0023		Patched with no rejection
3	CVE-2023-20907	frameworks/base	Previously applied
4	CVE-2023-20908		Previously applied
5	CVE-2023-21266		Previously applied
6	CVE-2023-21245		Previously applied
7	CVE-2023-21135		Previously applied
8	CVE-2023-21245		Manually merged
9	CVE-2024-0024		Partially merged
10	CVE-2024-0025		Manually merged
11	CVE-2024-0015		Patched with no rejection
12	CVE-2024-0017	packages/apps/Camera2	Patched with no rejection
13	CVE-2023-35671	packages/apps/Nfc	Patched with no rejection
14	CVE-2024-0016	system/bt	Patched with no rejection

Qualcomm Open-source Components

None

Qualcomm Proprietary Patches

None.