

ALEOS 4.17.2

RELEASE NOTES

About ALEOS 4.17.2

This release of ALEOS 4.17.2 is for the AirLink[®] MP70. These release notes describe the bug fix that applies to this release.

ALEOS 4.17.2 corrects a manufacturing issue present in AirLink MP70 routers manufactured between September 2023 and August 2024 relating to AirLink Application Framework (AAF). If you experience an MP70 failing to load AAF, this release corrects the manufacturing issue. ALEOS 4.17.2 can be applied to all MP70 routers, but it is only needed for customers using AAF on MP70 routers.

Bug Fix

AirLink Application Framework

Resolved an MP70 router manufacturing issue relating to the AAF partition.

Upgrade Notes

Warning: *Directly upgrading from ALEOS 4.15.x and earlier releases to 4.17.2 is not supported. All ALEOS-powered routers must be upgraded to ALEOS 4.16.0 before upgrading to a release later than 4.16.0. ALEOS 4.16.0 includes enhancements that must be applied before upgrading to a later release.*

AirLink MP70 routers affected by the issue described in these release notes can be directly upgraded to ALEOS 4.17.2.

Note: Please note that ALEOS-powered AirLink routers will be offline during a firmware upgrade. With a combined ALEOS firmware and radio module firmware update, the offline period may be several minutes or more.

Sierra Wireless encourages all customers to maintain their AirLink routers with the current ALEOS release and security patches via our AirLink Management Service (ALMS). Sierra Wireless tests and validates upgrades from the previous two major software releases. If you have routers running an ALEOS release older than the previous two major releases it is recommended that you follow the tested and supported upgrade path.

In addition, other than basic questions that can typically be answered in our existing product documentation, Sierra will only provide technical support for the current and the previous two major software releases via our technical support organization. For example, the current version of ALEOS is 4.17, and we continue to support ALEOS 4.16 and ALEOS 4.15.

If you have a support issue with a version prior to ALEOS 4.15, you will be asked to upgrade to a supported version before engaging our technical support organization.

If you need to downgrade a router, you must first perform a factory reset, then install the downgraded version and then perform a second factory reset. We do not provide technical support on routers that have not been factory reset before and after a downgrade has been performed.

Refer to the table below for the supported ALEOS versions and upgrade paths.

ALEOS Release	Support Level	Upgrade Path
4.17.2	Supported	n/a—This is the currently released version for affected MP70 routers
4.17.1	Supported	n/a—This is the currently released version for all other ALEOS routers
MP70 ^a : 4.16.2, 4.17.0 and 4.17.1	Supported	Upgrade to 4.17.2
4.17.0	Supported	Upgrade to 4.17.1
4.16.x	Supported	Upgrade to 4.17.1
4.15.x	Supported	Upgrade to 4.16 ^b
Previous ALEOS Releases	Limited support. Upgrade to a supported release for technical support	Upgrade to supported release

- a. Affected MP70 routers, as described in these release notes.
- b. **Upgrading from 4.15 to 4.17 is not directly supported.** Please see the Warning on [page 1](#).

Note that downgrading to older ALEOS versions from ALEOS 4.15.2, ALEOS 4.15.3, and ALEOS 4.15.4 on specific routers is prevented because specific newer routers contain hardware components (substitutions) that are not supported on older versions of ALEOS. Sierra Wireless recognizes that our customers deploy routers in a wide range of network environments with varying configurations. It is always good practice to install a new ALEOS release on a few trial routers to ensure that standard operation is maintained within your environment before deploying the new release across your fleet of AirLink routers. For more information, please see the application note [Testing AirLink Devices Before Deployment](#).