RELEASE NOTES

About AirLink OS 4.1.30

This release of AirLink OS 4.1.30 is for the AirLink XR90, XR80 and RX55. This release resolves an issue with AirLink OS 4.1.26 and 4.1.28 where upgrading routers may result in SIM Database settings reverting to their default values, which can result in routers losing their connectivity. For additional details, see Bug Fix on page 2.

Sierra Wireless encourages all customers to maintain their AirLink routers with the current AirLink OS release and security patches via our AirLink Management Service (ALMS). Sierra Wireless tests and validates upgrades from the previous major software releases.

Upgrade Notes

Sierra Wireless has tested and validated upgrading to AirLink OS 4.1.30 from the following releases:
- 4.1.28
- 4.1.26
- 4.0.23

Warning: *Downgrade from AirLink OS 4.1.30 to an earlier build is not supported. The Software Image Management features (Admin > Software Image Management), including "Switch to backup image", are disabled (and will be re-enabled in future releases). Please contact Sierra Wireless for further guidance if you need to downgrade.*

Warning: *Your routers must have AirLink OS 4.0 installed before they can be upgraded to AirLink OS 4.1.30. Direct upgrade to AirLink OS 4.1.30 from AirLink OS 3.1 and earlier is not supported.*

Upgrade Path Matrix

If the router is running AirLink OS version...	Upgrade to...	Notes
2.0.43	3.0.35	Upgrading directly to 3.1.26 or 4.0 from 2.0.43 will fail, resulting in radio module failure and WAN disconnection.
2.0.45 2.1.30 3.0.35	3.1.24	Downgrading from 3.0 to 2.1 is not supported.
3.1.24 3.1.26	4.0.23	
4.0.23	4.1.30	Downgrading from AirLink OS 4.1 to an earlier build is not supported.
4.1.26 4.1.28	4.1.30	

Sierra Wireless recognizes that our customers deploy devices in a wide range of network environments with varying configurations. It is always good practice to install a new AirLink OS release with the planned operation workflow on a few trial devices to ensure that standard operation is maintained within your environment before deploying the new release across your fleet of AirLink devices.

Note: If the AirLink OS upgrade includes an LPWA radio module firmware update, the module update may take five minutes.

Bug Fix

Cellular

Resolved an issue where SIM Database settings may be reset upon upgrade to 4.1.

Impacted routers: AirLink XR80 and XR90 routers using SIM cards installed when running AirLink OS 2.1.x or prior, with any of the following settings modified:

- IPv4 and IPv6 settings
- APN mode and any manual APN defined
- Authentication protocol settings
- Preferred radio technology setting
- Roaming settings
- MTU settings
- SIM PIN settings

For impacted routers, these configuration settings would revert to their default values upon upgrade to AirLink OS 4.1, which could cause the routers to lose their cellular connection.

Note: SIM Database entries for SIM cards installed when running AirLink OS 3.0.x or newer are not impacted by this issue.