

AerDocsis System Software Software Release Notes

lomoM9 20.2.7728

June 18th, 2026

Contents

1. Compatible devices and minimum versions.....	3
2. What's new in this release?.....	4
2.1 New features.....	4
2.1.1 Common to all devices.....	4
2.2 Improvements.....	4
2.2.1 Common to all devices.....	4
2.3 Applied solutions.....	5
2.3.1 Common to all devices.....	5
2.3.2 BS452 Base Stations.....	6
3. Important notes.....	7
3.1 IMPORTANT NOTE: BS800 with serial number A22.....	7
3.2 IMPORTANT NOTE: Radio FW update.....	7

1. Compatible devices and minimum versions

Product family	Devices	Minimum versions
Base Stations		
BS400 and BS800	AXS-BS-450-N AXS-BS-452-N AXS-BS-850-N	HoneybeeM1 19.6.6172

2. What's new in this release?

2.1 New features

2.1.1 Common to all devices

Configuration files

The download interface for configuration files, both the general file and the provisioning file, allows the file name to be customized using equipment identification parameters.

Spectrum analysis

The spectrum can now be analyzed without having to shut down the radio system, avoiding prolonged service interruptions. The continuous analysis mode allows the equipment to perform measurements permanently while remaining operational.

The analysis mode with the radio system switched off if still available, as it provides faster operations.

2.2 Improvements

2.2.1 Common to all devices

Health monitor

The performance of internal algorithms has been improved.

Update system

The size of the firmware update file has been reduced, making the process faster and safer.

Production

Changes have been made that affect factory operations.

Regulatory region

The button for setting the regional regulation has been moved from the System Tools page to the Radio Setup page.

Web

The uptime format in the Zone status and System status tables on the Status & Alarms page has been unified.

Log

Redundant log messages from several daemons have been removed.

2.3 Applied solutions

2.3.1 Common to all devices

Spectrum Analysis ()*

An issue that caused the spectrum analysis to take longer than expected in single-cycle mode has been fixed. The service is now interrupted for a shorter time.

In addition, a bug that caused the radios not to power on automatically after the analysis in continuous mode, when they had been previously running, has been fixed.

REST API ()*

An issue affecting the `/gui/local_aa.cgi/aa_file` resource of the REST API has been fixed. When attempting to upload a provisioning file, the server returned an error despite having updated it correctly. It now returns the HTTP 200 OK response code.

(*):

These two changes had already been applied in the previous release, but only for devices with serial numbers beginning with A22 and A23. They are now also available for the rest of the devices compatible with this release.

Provisioning

An issue affecting the creation of the traffic services has been fixed. The uplink and downlink directions were swapped if the service was created while the radios were starting up.

2.3.2 BS452 Base Stations

Radio update

After a firmware update, the equipment could reboot after each radio was updated. This caused the equipment to take longer to become operational after an update.

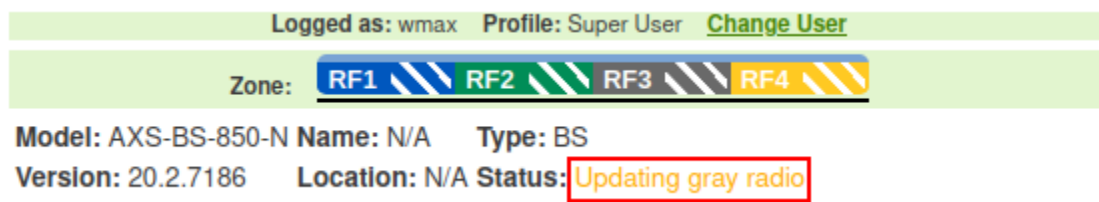
3. Important notes

3.1 IMPORTANT NOTE: BS800 with serial number A22.

This firmware update process will automatically stop MACs before updating on AXS-BS-850 base stations with serial numbers starting with A22. Therefore, a service outage will occur from the moment the update starts.

3.2 IMPORTANT NOTE: Radio FW update.

After updating to this release and restarting the device, the system will check if it needs to make updates to the radios' firmware, so it may take longer than usual to be fully operational. If these updates are necessary, the system will notify you on the website with a message as shown in the following image:



It is important that the equipment is not turned off electrically until the update is completed. Otherwise, the firmware may be corrupted and it will be necessary to send the device to the factory for manual updating.

The devices that may require this additional update step are the following:

Model	Serial number
AXS-BS-850-N	A24XXX, A22X1X
AXS-BS-452-N	A25XXX, A23X04, A23X05
AXS-BS-450-N	All