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systems

AerDocsis System Software

Software Release Notes

IomothM7 20.2.7617

December 10, 2025

Contents

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 Improvements

2.1.1 Common to all devices

Web

In the Signal Stats web interface, the display of the "Main Iface" field in the Users table, visible after selecting "Main iface link" in the "Additional Actions" section, has been improved. The values in this field will now be shown in green if there is a link and in red if there is no link.

In the Local AA web interface, the actions Allow, Deny, and Delete for users, templates, and groups no longer trigger a page reload. This facilitates performing multiple provisioning actions by preventing the page from redirecting back to the top after each one.

2.2 Applied Solutions

2.2.1 Common to all devices

Radio Synchronization

Certain conditions that could cause occasional radio synchronisation restarts in specific scenarios have been optimised, improving overall link stability.

DFS

The behaviour of the DFS mechanism in certain specific scenarios has been reinforced to ensure that its operation remains fully aligned with the regulatory settings configured for each device. To ensure full compliance with Spanish or European regulations, it is recommended to update devices configured in those regions to this firmware version.

2.2.2 BS452 and BS850

Radio Boot

The radio startup process has been adjusted to improve the initialisation time in certain scenarios.

3. Important notes
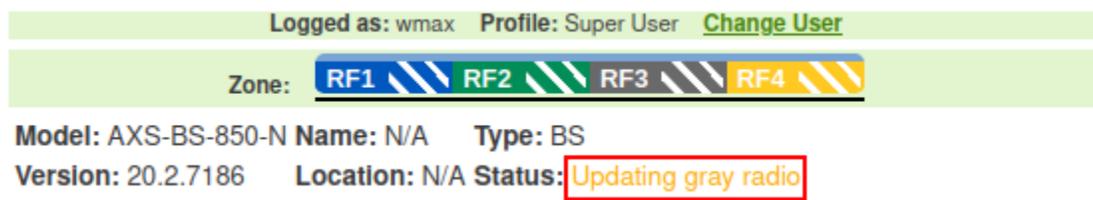
3.1 IMPORTANT NOTE: BS800 with serial number A22.

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

3.2 IMPORTANT NOTE: Legal aspects.

This firmware includes improvements in the DFS implementation to ensure that the system's behaviour remains fully aligned with the regulation defined in the 'Regulatory Region Lock' section. Updating to this version is recommended to guarantee compliance with the applicable regulations.