

Release Notes



ORiNOCO Mesh and Access Point Software version 3.7.0, May 2008

INTRODUCTION

Welcome to software release 3.7.0 of the ORiNOCO Mesh and Access Point products family!

This release provides new features and some critical bug fixes for following ORiNOCO Mesh and Access Point products.

Model	3.7.0 support
AP-4000MR-LR	Yes
AP-4900MR-LR	Yes
AP-4000MR	Yes
AP-4000	Yes
AP-4000M	Yes
AP-4900M	Yes
AP-700	Yes
MeshMAX 3500WM	Yes
MeshMAX 3500W	Yes

IN THIS RELEASE

New Features

Dynamic Channel Selection

Supported on: All products

The AP continuously monitors the RF environment on operating channel and determines if the channel condition has deteriorated enough to warrant a move to new channel. If that is the case, AP will find another channel that is better and will move operations to that. The AP does not need a reboot to change to the new channel.

This feature is particularly useful for the deployments where the RF environment is not completely in control of network administrators.

This feature is only supported for the radios not operating in “mesh” modes.

VLAN Enhancements for Ethernet Ports

Supported on: All products

In this release, AP supports three new modes apart from earlier supported transparent mode for VLAN handling on Ethernet ports. These new modes are:

- 1) Access Mode

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2) Trunk Mode

3) Mixed Mode

This feature enables more flexibility on the APs for deployment in networks where some devices (like cameras) do not support VLANs but the backbone networks need it.

DHCP Client Enhancements

Supported on: All products

If the DHCP IP address procurement by the device fails initially, AP will retry to get the IP address again after some interval. In earlier releases, AP falls back to default address and does not retry.

UPGRADE/DOWNGRADE TO/FROM RELEASE 3.7.0 SOFTWARE

This release is compatible for upgrade and downgrade to/from R3.6.x and R3.4.x of AP software releases. For any upgrade/downgrade limitations, please refer section "Known issues/limitations in Release 3.7.0".

If you are upgrading from R3.6.0 or R3.6.2, you may need to re-configure your antenna diversity configurations.

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ISSUES FIXED IN RELEASE 3.7.0

Description	Access Point models					
	AP-4000 MR-LR	AP-4900 MR-LR	AP-4000 MR /Mesh MAX 3500 WM /Mesh MAX 3500 W	AP-4000M /AP-4000	AP-4900 M	AP-700
CLI Temperature log dump causes system reboot (1925)	√	√	√			
WPA-PSK does not work with a Ruckus DZ 2211 CPE device AP-4000M firmware 3.6.2 (1912)	√	√	√	√	√	√
Problem in Mesh statistics with 10 MHz Channel Band Width. (1931 & 1932)		√			√	
AP not passing Multicast 802.1x Authentication Packets (1936)	√	√	√	√	√	√
AP highlights incorrect tab on web page after enabling one of the security (802.1x, WPA, WPA-PSK) profile (1470)	√	√	√	√	√	√
AP does not send the Radius Class Attribute in the Account Reqeust packet (1542)	√	√	√	√	√	√

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Known issues/limitations in release 3.7.0

Known Issues/Limitations	Access Point models					
	AP-4000 MR-LR	AP-4900 MR-LR	AP-4000 MR/Mesh MAX 3500 WM/Mesh MAX 3500 W	AP-4000/AP-4000 M	AP-4900 M	AP-700
Fewer Spectralink phones can connect with default settings when QoS is enabled. Workaround: Update AP configuration for QoS. Please visit http://support.proxim.com for more details	√	√	√	√	√	√
Upgrade from R3.6.0 and R3.6.2 may need reconfiguration of antenna diversity settings				√	√	√
Destination system name may not populate in Monitor-> Mesh -> Link test for neighbor based test when mesh is established on Wireless-B radio	√	√	√	√	√	
Administrator can assign value to Transmit Power Level Back-Off without enabling "Transmit Power Control"	√	√	√	√	√	√

For the latest software and documentation go to: <http://support.proxim.com>

For additional information or questions about Proxim products, visit www.proxim.com

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