

Release Notes

LA-503X Maintenance Release, Version 1.0.9.0



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Introduction

Version 1.0.9.0 is a “maintenance” release for the LA-5030 and LA-5033 cards, and addresses a few known issues that have surfaced following the release of previous firmware version 1.0.3.0.

The maintenance release should be applied at a customer site only if the fixes are pertinent to the customer’s environment. When upgrading multiple units at a customer site to this maintenance release, it is recommended that it be applied to one unit and tested to ensure that the problem being experienced by the customer is indeed fixed prior to proceeding to upgrade the entire LA-5030 and/or LA-5033 population.

Product Information

For general information on the LA503X products, including specifications and datasheets, please go to:

<http://www.symbol.com/LA5030/> for Wireless Networker 802.11abg Cardbus Card
<http://www.symbol.com/LA5033/> for Wireless Networker 802.11abg PCI Card

For documentation and software updates, please go to:

http://www.symbol.com/legacy_downloads/wn_abg_drivers.html

Firmware Versions

Following is the details of the new Version that is being released as part of the Utility package:

Software:	Symbol Wireless Networker 802.11 a/g Utility		
Version:	Utility	1.0.0.6	
	Driver	1.0.9.0	
	Firmware	2.04.06.00	

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Environment

OS	Win 2000 SP4, Win XP SP1, Win XP SP2
Interface	PCI, Cardbus
Band	802.11 a/b/g
Config Utility	Wireless Networker (not Windows Zero Configuration Utility)

Installation Guidelines

Please Note: It is strongly recommended that before upgrading to the new Service version, the current running configuration be saved.

The upgrade process assumes that the necessary hardware LA-5033 (PCI Adaptor) for a Desktop (PC) and the LA-5030 (Cardbus) for a Laptop are already physically in place.

Download the software (**Wireless Networker_RC38update.exe**). The software will do an upgrade when it detects an earlier version. It will automatically uninstall the earlier version and start installing the latest version.

To remove the earlier version from the system manually, do the following:

Select *Start -> Programs -> Symbol Wireless Networker -> Uninstall* to remove the configuration utility and driver.

Note: You can also use the Windows Add/Remove Programs feature to remove the Configuration Utility and driver.

The installation of the software proceeds as a normal new installation as per the steps outlined in the Installation Notes (refer to the Appendix).

Note: If using the uninstall option after an "Install device driver only" installation, the system does not remove all of the driver files (Oemxx.ini). A manual removal of all the driver files is required before a new driver installation will be recognized by the system

Issues Resolved

The following fixes are being addressed by this release of the Symbol Wireless Networker 802.11 a/g Utility.

1. Upgrading firmware on French Windows OS
Attempting to update firmware without manually removing the previous version of the driver first resulted in an error.
2. Connectivity issues with PCI card running Windows XP SP2
LA-5033-100-ww PCI running on Windows XP service pack 2- Fluctuating signal and data strength problems with AP300, causing throughput problems. Customer intermittently losing Layer 3 connectivity.

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3. Performance issues related to LA5033 interaction with WS5000 and AP100 infrastructure.
4. Registry Key visible in plain text
Win2000 installation of version 1.03 with driver and WLAN configuration utility has the registry key 'OdWPA passphrase' visible in plain text.
5. Other Fixes
 - Signal Quality PCI + CardBus
 - Auto Install of driver only option
 - Pop-up Window prompting user to restart when the user selects the option to install driver and utility
 - Connectivity-on-boot for WEP and Open- Authentication

Known Issues

1. A Re-start of the system is essential for the proper working of Symbol's Wireless Networker Utility.
2. On XP/SP1, XP/SP2 and Win 2000/SP4 on both the PCI and Cardbus when installing with the driver-only option, it does not prompt for restarting of the computer
3. Wait for some time, before clicking on the Wireless Networker Icon in the System Tray –instead, if clicked immediately, there is a possibility that the GUI will come up and immediately vanish.
4. We have observed the following intermittently:
 - Refreshing of the RF statistics in the User Interface is delayed
 - On XP/SP2 for both PCI and Cardbus, two icons are seen in the system tray
 - No Icon coming up for the first time after installation – repeated re-boot will bring the Icon in the System Tray

If any issues with the Symbol utility are seen, it is recommended that the user do the following:

- Restart the system.

If the problem persists:

- Right click on the utility (if the icon appears disconnected in the system tray), and exit from it
- Go to Start>All Programs>Symbol Wireless Networker> Wireless Networker 802.11a/g Utility and click on it

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5. When a User, who does NOT have administrative privilege on the PC logs in, the PC starts using the User's profile instead of the System configured profile to bring up the Wireless network. If the user does not have a valid profile, the Wireless connectivity is lost.

The Work around for this problem is that, the Wireless Networker Utility should be removed from the Start Up Menu. A User with a valid User Profile should first login, and get the wireless connectivity up. And, when any fresh user without a user profile configured logs in, he/she should not try to manually start the Wireless Networker Utility.

6. Occasionally, when the AP is down the status page does not get refreshed to show that the connection has been broken. However, when the AP is back up, the status page refreshes and shows the correct connected status
7. If using the uninstall option after an "Install device driver only" installation, the system does not remove all of the driver files (Oemxx.ini). A manual removal of all the driver files is required before a new driver installation will be recognized by the system.
8. When access ports or access points have the same MAC address, the adapter is unable to distinguish between the identical ESSID and radio band combinations.
9. When switching between default/dynamic/maximum power save modes, the adapter radio is unable to associate with a network until the new power save mode is established.
10. If the adapter is operating in WPA mode, the Pre-shared key has no hexadecimal input options.
11. The adapter's Network Band is changed when switching between adapter profiles.
12. If using the uninstall option after an "Install device driver only" installation, the system does not remove all of the driver files (Oemxx.ini). A manual removal of all the driver files is required before a new driver installation will be recognized by the system.