



VNT6656 Software

REVISION HISTORY

Revision 1.1
October 13, 2006

VIA TECHNOLOGIES, INC.

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Revision History

Release	Date	Revision	Initials
1.0	2006-10-09	Initial release.	RTW
1.1	2006-10-13	To add the release version information	RTW



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1. Driver Type and Root Information

1.1. Driver

Name	Ver.	Supporting OSES	Location	Note
NDIS5 for x86	1.40	Win98SE, WinME, Win2000, WinXP, Windows Server 2003	Root directory	
		Windows XP embedded SP1	\XPe\	
		Windows CE 4.0/4.2	\CE4\	
		Windows CE 5.0	\CE5\	
NDIS5 for AMD64	1.40	Windows XP, Windows Server 2003 for AMD64	Root directory	
Linux	1.12	Fedora Core 1 (x86, UP/SMP, 2.4.22-1.2115), Fedora Core 2 (x86, UP/SMP, 2.6.5-1.358), Fedora Core 3 (x86, UP/SMP, 2.6.9-1.667), Fedora Core 4 (x86, UP/SMP, 2.6.11-1.1369)	\LINUX\	

1.2. Application Utility

Name	Ver.	Supporting OSES	Location	Note
Winsetup	3.20	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003, WinXP 64bit Edition, Server 2003 64bit Edition	\WINSETUP\	
WifiSet	1.47	Win98SE, WinME, Win2000, WinXP, Windows Server 2003	\WifiSet\	
WifiSetCE	1.03	Windows CE 4.2/5.0	\WifiSetCE\	

PS: WHQL submission number of the Windows NDISWDM driver (v1.40) for x86/x64 is 1212105 in this software package.

2. Driver Revision History

2.1. Windows driver revision (v1.40)

1. Add Fake SSID from WZC handling
2. Fix the share authentication bugFix Data Alignment issue.
3. Fix x64 WHQL testing fail, bScheduleCommand fail and can't do scanning.
4. Patch the radio on/off for WZC and connect to AP in 6 seconds.
5. Release 1.32.146_migration_mode, for the Cisco migration mode issue.
6. Release 1.33.147_rdp, improve WinCE RDP w/ Winbench99 testing performance.
7. Add the EEP_LED_ACTSET for PCIE-mini card USB LED pin will be pulled high.
8. Turn LED off when the radio is off by hot key or wifiset. Back to slow_led when radio is back.
9. Fix LED initial state.
10. Check and set the LED priority and Radio control setting for Radio button.
11. Add the LED On for 3 seconds when Radio button is on.
12. Use GPIO0 output to enable / disable LED output.
13. Fix bug: Adhoc mode will cause reboot.
14. Fix bug: S/W AP mode will cause Wifiset terminated. or reboot.
15. Fix association with Cisco AP mixed mode issue; modify the cipher match algorithm for avoiding incorrect judgment.
16. Fix TKIP TSC replay warnings in Cisco AP.
17. Fix TKIP MIC Fails in Cisco AP.



2.2. Linux driver revision (v1.12)

1. Fixed adhoc mode can't be unregister/removed.
2. Source code support 2.4.x (RH9.0/2.4.10-8).
3. Fix bugs: 'ifconfig' can't open/down the device.
4. Patch for 'iwconfig', set wep key after ethX open.
5. Fix WEP share mode bugs.
6. Support hidden SSID function.
7. Fix adhoc rate fallback under 11M issue.
8. Add Migration mode patch.
9. Support WE-17 & wpa_supplicant-0.4.9(pre-test verion).
10. Fix remove driver issue while run with wpa_supplicant-0.4.9.
11. Fix 2.6.x SMP kernel crash issue (run with iperf).