



SOFTWARE RELEASE NOTE FOR STA

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NOTE: THIS DOCUMENT CONTAINS SENSITIVE INFORMATION AND HAS RESTRICTED DISTRIBUTION.

Product Name	RT61 Wireless Card
Interface Supported	CardBus, miniPCI, PCI
Install Package Version	IS_AP_STA_RT6x_D-1.2.8.0_VA-2.1.6.0_W7-3.0.1.0_RU-3.1.2.0_AU-3.0.3.0_082409_1.5.4.0_Free
RT61 XP/2K/ME/98 Driver Version	1.2.6.0
RT61 Vista Driver Version	2.1.3.0
XP/2K STA User Interface Version	2.2.0.0
ME/98SE STA User Interface Version	1.3.6.0
XP SoftAP User Interface Version	2.2.0.0
Vista STA User Interface	2.2.5.0
Vista SoftAP User Interface	2.1.0.0
Date	2008-12-9

System Requirement:

Ralink RT61 series miniport drivers require NDIS 5.0 and NDIS 5.1 for XP/2K; NDIS 6.0 for Vista and NDIS 6.2 for Win 7 operation system.

NOTE: UNINSTALL OEM PROVIDED PACKAGE BEFORE RUNNING THIS RALINK PACKAGE.

Hardware Supported:

- Ralink RT61 chipset PCI Adapter
- Ralink RT61 chipset miniPCI
- Ralink RT61 chipset CardBus



Software Supported:

Windows 2000, XP 32/64, Vista 32/64 and Win7 32/64.

RELEASE HISTORY

IS_AP_STA_6X_D-1.2.6.0_VA-2.1.3.0_RU-2.2.0.0_VA-2.2.5.0_AU-2.1.0.0_VA-2.1.0.0_120908_1.0.7.0_FREE.EXE

Install Package 1.5.4.0

1. Uninstall Vista Supplicant in system32 on x64 system.
2. Fixed the issue that inbox driver won't be installed automatically on Win7x64.
3. Remove driver only install package info after installing package v.1.5.
4. Fixed unable to install SoftAP in common folder on WIN7 when overwriting.
5. Reduce uninstall time - modify the RemoveOEMInfFiles() to check all the oem*.inf with the first hardware ID of [szModelName] section in ProjectFolder\Settings\HWID.ini.
6. Add function STRING TransOS2String(nWinOS) to get the OS string.
7. Modify STRING ParseTextFile(szPath, szFile, szString) to get a line of text containing [szString] from a text file in [szPath\szFile].
8. Add WriteLogFile(). ISsetup.log in the user-defined path from command line arguments if running setup.exe in silent mode or set CREATELOG to one in ProjectFolder\Settings\setup.h.
9. Add LOG_NAME in setup.h to specify log file name.
10. Remove the info of install package v1.2 for driver only before refreshing device manager after installing driver.
11. Install both RaRegistry.exe and RaRegistry64.exe on Vista x64 and Win7 x64.
12. Able to install & uninstall RaRegistry.exe on XP x64.
13. Modify IDS_DIALOG_WARNING in simple Chinese.
14. Add CREATE_SHORTCUT_DESKTOP to add/remove UI shortcut on the desktop.
15. Remove the info of install package v1.2 for driver only after installing driver by GUID not product name.
16. Remove driver install feature for 98SE & ME OS.
17. Win7 OS installation support.

Driver Win7 3.0.1.0

1. First formal release for Win7 OS, Pass WLK1.4, and WHQL certified

Driver Vista 2.1.6.0



1. Link Status icon shows disconnect after reboot

Driver XP 1.2.8.0

1. Scanning at 5GHz may cause disconnect.

RaUI 3.1.2.0

1. Fixed: UI has opened at guest mode. Adhoc WPA2-AES reconnect fail when radio off/on at admin mode
2. If SW radio off at APClient mode, remove AP button.
3. If select cipher as WEP for CCKM on Vista, WEP input should be disabled
4. If user is guest privilege, disable advance, WMM, WPS page
5. Adjust "Password Mode" text position. Disable "Tunnel authentication" text if combobox is also disabled
6. First formal release for RaUI V3 edition; supports XP/Vista/Win7 OS.

APUI 3.0.3.0

1. Add new function ProcGetToolbarWindow32() to refresh the taskbar when terminating UI(posted from RaUI v.2)
2. Modify the strCommand for RaSwap with string from ini.
3. add function CheckINT(CString str) in Common.cpp
4. delete #define MSG_INTERFACE_ARRIVAL (WM_USER + 0x03) in stdafx.h - macro redefinition in RaDefine.h
5. First formal release for APUI V3 edition; supports XP/Vista/Win7 OS.

IS_AP_STA_6X_D-1.2.6.0_VA-2.1.3.0_RU-2.2.0.0_VA-2.2.5.0_AU-2.1.0.0_VA-2.1.0.0_120908_1.0.7.0_FREE.EXE

Install Package 1.0.7.0

1. Support OEM Ready Test.
2. Record the install type(Driver+UI or Driver only) in the registry for overwrite function.

Driver Vista 2.1.3.0

1. Fix Hidden AP connection issue when enable carrier detection or 802.11h.
2. Fix WPS reconnection issue.
3. Fix Vista Network Connection bug hardware radio off.
4. Fix Link speed displaying issue.



5. Fix smart scan issue.

Driver XP 1.2.6.0

6. Update OID_802_11_BSSID mechanismSupport carrier detection.
7. Fix LEAP connection issue.
8. Fix Hidden AP connection issue when enable carrier detection or 802.11h.
9. Fix WPS reconnection issue

RaUI Vista 2.2.5.0

1. Fixed if identity or user cert is missing for TLS 802.1x authentication, no warning message appears.
2. Fixed incorrect warning message if server name is missing for 802.1x authentication.
3. Fixed when deleting the active profile, no warning message appears.
4. Fixed Eap-fast setting dialog appears when connecting to an open network.
5. Fixed UI crashed due to enter CPageWPSDlg::RescanTimeEnd() twice.
6. Replace "11A" and "11B/G" strings on Advance Page with "5GHz" and "2.4GHz".
7. Set channel if connecting via SiteSurvey page.
8. When there are more than two users to use RaUI, do not allow user to switch SoftAP mode.
9. Change TRANSMIT_SETTING structure.

Ra UI XP V2.2.0.0

1. Fixed when not keying in tunnel ID, display tunnel required warning string.
2. Fixed when adding server name required warning message.
3. Check WEP key length.
4. Fixed when selecting GTC tunnel method and soft token mode, not checking if key in the tunnel password.
5. Fixed when editing profile, don't enable tunnel password item on GTC tunnel method and soft token mode.
6. Disable PBC mode when the STA acts as a Registrar.
7. When there are more than two users to use RaUI, do not allow user to switch SoftAP mode.

ApUI Vista 2.1.0.0:

APUI XP 2.1.0.0:

1. Support OEM Ready test.
2. Add registry key index of the device in the device management.
3. Detect the number of the user account to use the computer.
4. Use PBT_APMRESUMEAUTOMATIC instead of PBT_APMRESUMESUSPEND to fix hibernate issue.



5. Detect the number of the ApUI process account.
6. Modify the Chinese "IDS_BEACON" string in language folder.

```
IS_AP_STA_6X_D-1.2.5.0_VA-2.1.2.0_2500_D-3.2.0.0_VA-3.2.0.0_RU-2.1.3.0_VA-2.1.3.0_AU-2.0.3.0_VA-2.0.3.0_051908_1.0.1.0
```

Install Package 1.0.1.0

1. The help files close after installation, even if it is running.
2. The user interface (UI) dialog box does not close when uninstalling one of the drivers.
3. There is not support web site in the add/remove programs under support information.
4. The install package adds the URL to the Uninstall registry.

Driver Vista 2.1.2.0

Driver XP 1.2.5.0

10. Support smart scan.
11. Support carrier detection.
12. Fix active scan issue at W53 channels.
13. Add a feature for using 11b data rates on channel 14.

RaUI Vista 2.1.3.0/RaUI XP 2.1.3.0

10. Read the window title, tray menu item names, profile network type, and some Advanced item names from the configuration file.
11. Add more arguments to enable ICS.
12. Restore the message which warns the user the radio state is off.
13. Add support for 2070 and 3070.
14. Update the Register tab.
15. Clean up dBm variable in link status when the radio is off.

XP

1. The profile button is disabled when it is RaUI mode.
2. RaUI crashes when an invalid measure time is entered in Advanced mode and removing the device.
3. RaUI crashes when an invalid dBm is entered in Advanced mode and the device is removed.

ApUI Vista 2.0.3.0 XP/Vista

1. Filter the EEPROM value in CRegSetPage::OnEEPROMQuery().
2. The Channel setting can be localized.



XP

1. The ApUI displays an error message (for Windows 2000) when it switches to RaUI.

```
IS_AP_STA_6X_D-1.2.3.0_VA-2.1.0.0_2500_D-3.2.0.0_VA-3.2.0.0_RU-2.0.4.0_VA-2.0.4.0_AU-1.2.1.0_VA-1.0.4.0_101707_0.1.0.29
```

Driver Vista 2.1.0.0

1. Support Frame Aggregation.
2. Support SoftAP.

RaUI Vista 2.0.4.0

1. Updated the interface.

ApUI Vista 1.0.4.0

1. ApUI crashes when switching to Station mode when the card is not plugged-in.
2. The BW40-allowed checkbox isn't hidden for non-N device.

RaUI XP 2.0.4.0

1. Server verifying certification does not work successfully when selecting PEAP authentication and using server certification.
2. The AP list flashes on the Site Survey tab.
3. An invalid id/pw dialog box pops-up.
4. You cannot enter the WEP key when the authentication type is in shared-none mode.
5. A password warning message is shown when choosing EAP-MD5 mode.

APUI 1.2.1.0

1. The country region doesn't change when the wireless mode changes.

```
IS_AP_STA_6X_D-1.2.3.0_VA-2.0.7.0_2500_D-3.2.0.0_VA-3.2.0.0_RU-2.0.3.0_VA-1.0.18.0_AU_1.2.0.0_091407_0.1.0.29
```

Install Package:

1. Disable ICS before overwriting in AP mode.

RaUI Vista 1.0.18.0



1. Removing the card when the wireless combo box is open causes a failed assertion.
2. Invoking the Windows profile setting dialog fails.
3. HW-PBC doesn't work after enabling the WPS tab and then closing the UI.
4. Add WMM.

IS_AP_STA_6X_D-1.2.3.0_VA-2.0.7.0_2500_D-3.2.0.0_VA-3.2.0.0_RU-2.0.3.0_VA-1.0.15
.0_AU_1.2.0.0_080207_0.1.0.24

Driver Vista 2.0.7.0

1. Fix Ad-Hoc disconnection issue.
2. Support WPS issue.
3. Fix site survey issue after resume from S4.
4. Patch DI-524 with invalid AID.
5. Fix Multiple SSID issues.
6. Fix channel report issue.
7. Add Radio On/Off setting on INF.

RaUI Vista 1.0.15.0

1. Correct "password" misspelling.
2. Set OID_DOT11_DISCONNECT_REQUEST when disconnecting a WPS connection.
3. The Site Survey tab cannot scan A-band APs after disabling and enabling the card several times.
4. Remove the "Switch to AP" option if the user isn't an administrator.
5. Connect to a WPS-incapable AP when two APs use the same SSID.
6. The HW PBC doesn't work.
7. Generate the enrollee's pin code randomly.
8. Add import WSC profile function.

Driver XP 1.2.3.0

1. Fix WPS issue.
2. Extend Variable IEs buffer.
3. Fix Japan A band channel issue in ad hoc mode.

RaUI XP 2.0.3.0

Fixed:

1. Connect with the WPS' profile when there are two APs with the same SSID, and it can connect to an AP with open authentication.



2. when there are two APs with WPS and the same SSID, click the PBC button. Aegis can set the OID with Shared-Authentication.
3. the WPS issue about clicking PBC or PIN.

Modify:

1. when choosing the registrar and selecting open and none-WEP authentication, a dialog box must confirm it.
2. password in 802.1x function to encrypt optionally.
3. 'Import WPS' profile on the Profile tab.
4. renew the PIN code each time.

APUI 1.2.0.0:

1. The default wireless mode is 802.11b/g, not b/g/n modes on an 802.11n device.

```
IS_AP_STA_6X_D-1.2.2.0_VA-2.0.4.0_2500_D-3.2.0.0_VA-3.2.0.0_RU-2.0.2.0_VA-1.0.11
.0_AU_1.1.9.0_052107_0.1.0.18
```

Install Package:

Remove the co-installer value in registry before uninstalling driver.

Driver XP 1.2.2.0:

1. Improve the hidden SSID in WPAPSK mode.
2. Provide support for the WPS Registrar which configures an AP.
3. Fix the WPS failure when WMM is active.

Driver Vista 2.0.4.0:

1. Support WPS.
2. Improve performance

RaUI XP 2.0.2.0:

1. New user interface.

APUI XP 1.1.9.0:

1. The BW value must be 20 when switching to channel 14.

RaUI Vista 1.0.11.0:



1. The Site Survey tab is empty when starting the user interface.
2. Add WSC support.
3. The Windows profile cannot be set due to illegal XML characters.
4. Query Rx rate failed.
5. Failed to connect to the SSID with space inside.
6. Use RT_OID_QUERY_STATISTICS to query linking statistics.

```
IS_AP_STA_6X_D-1.2.1.0_VA-2.0.3.0_2500_D-3.2.0.0_VA-3.2.0.0_RU-1.3.2.0_VA-1.0.10
.O_AU_1.1.8.0_050307_0.1.0.15
```

Install Package:

1. Integrate XP/2K/ME/98/Vista drivers and UI into one package.

```
IS_AP_STA_6X_D-1.2.1.0_2500_D-3.2.0.0_RU-1.3.2.0_AU_1.1.8.0_041307_0.1.0.9.EXE
```

Driver:

1. Support WPS
2. Update SoftAP EAPOL Version sanity check
3. Patch 3Com AP Model: 3CRWE454G72 connection issue.
4. Update the roaming mechanism.

UI:

[RaUI V1.3.2.0]

1. RaUI doesn't work when operating a PNP test.
2. There is no dialog box to allow re-entry after entering an incorrect ID when connecting to an AP with a profile.
3. Continue rescan on the Site Survey tab.
4. The MCS value is sometimes stuck on zero.
5. Go to wireless mode and select other mode then pop up dialog message, plug out card then pop up error message.
6. Legacy APs do not show the central channel.
7. RaUI crashes when a multi-card is put in and removed.

APUI V1.1.8.0

1. A-band wireless mode string-table is displayed a card supporting A-band is removed and a non-A-band card it put in.



IS_AP_STA_6X_D-1.2.0.0_2500_D-3.2.0.0_RU-1.2.8.0_AU_1.1.5.0_122106_0.0.7.0.EXE

Driver:

[RT61 1.2.0.0]

1. Fix multicast issue.
2. Pass CCX V3 certification.

UI:

[RaUI V1.2.8.0]

1. Replace bridge with ICS for Windows XP and Windows XP 64.
2. Support CCX3.0.

[APUI V1.1.5.0]

1. Change to use Raswap.exe to execute selectcard.exe in order to implement ICS feature. It does not implement the ICS feature when opening APUI.exe

IS_AP_STA_6X_D-1.1.3.0_2500_D-3.2.0.0_RU-1.2.6.0_AU_1.1.3.0_092006_0.0.6.0.EXE

Driver:

[RT61 1.1.3.0]

1. Add a SoftAP patch for Nintendo DS Client.
2. Fix multicast encryption issue if using ZeroConfig.

UI:

[RaUI V1.2.6.0]

Fixed:

1. No connection to an AP after removing and putting in the card.
2. The UI crashes after closing the authentication dialog, when trying to connect to WPA-TLS AP.
3. Releasing Aegis inappropriately causes memory leak.
4. If the channel on the profile is not in the available channel list, the default channel isn't set to the first one.
5. Uncheck the lowercase property of the text box in order to key-in the capital letter.
6. Restore the code to Ver 1.0.10.0 on parsing the IEs.



7. Leap authentication doesn't work for WPA-TKIP.
8. The third byte of the MAC address is not correct when tearing down the QoS service.

Modified:

1. Merge the SSID list with the one scanned ten seconds earlier.

IS_AP_STA_61_D-1.1.2.0_2500_D-3.2.0.0_RU-1.2.5.0_AU_1.1.3.0_081606_0.0.5.0

Driver:

[RT61 1.1.2.0]

1. Enhance hidden SSID connecting with Windows Zero Config tool issue.
2. Support WPA-TKIP + WEP mixed mode.
3. Fix the issue with RSSI not updating properly on Site Survey tab of the UI.
4. Fix the same SSID with AP issue in Adhoc mode.
5. Add client Idle time on the SoftAP.
6. Passive scan on J52 channels.
7. Support PSPXlink.

UI:

[RaUI V1.2.5.0]

1. Use WMI event message to detect WEP error instead of querying OID_802_11_STATISTICS with RT61 & RT73.
2. Query OID_802_11_STATISTICS to detect WEP error on RT2500.
3. If connecting from the Site Survey tab, force to disable fast-roaming, regardless of fast-roaming setting is in Advanced tab.
4. Remove the ad hoc mode setting on the Advanced tab, and use the wireless mode as the ad hoc mode.
5. Replace "WEP error" message with "ICV error."
6. The wireless mode should be set to A/B/G Mix if the wireless mode isn't set in the registry and the card supports A mode. If the wireless mode isn't set in the registry and the card doesn't support A mode, the wireless mode should be set to B/G Mix.
7. Use Aegis4.1 for Windows 2K, XP, and X64.

Fixed:



1. Release the MAC address returned by AcAdapterGetMacAddress() in order to get the correct MAC address after putting in another network card.
2. The profile channel changed if the profile channel was not in the available channel list according to the correct wireless mode. Now it is not allowed to change.

[APUI V1.1.3.0]

1. Change the WEP key type string from "Hexa" to "Hex".
2. Add Idle Time setting to the Config setting tab.

IS_AP_STA_61_D-1.1.1.0_2500_D-3.2.0.0_RU-1.2.2.0_AU_1.1.0.0_060906_0.0.3.0

Driver:

[RT2500 3.2.0.0]

1. Fix the hidden SSID roaming issue.
2. Added support NAK function for LEAP authentication.

UI:

[RAUI 1.2.2.0]

1. Move the ad hoc mode wireless setting from the Profile tab to the Advanced tab.
2. Add WMI event support to detect WEP error.

IS_AP_STA_61_D-1.1.1.0_2500_D-3.1.0.0_RU-1.2.0.0_AU_1.0.8.0_051606_0.0.2.0

Driver:

[RT61 1.1.1.0]

1. Support DLS link.
2. Fix the hidden SSID roaming issue.
3. Add support for WMM-Power saving.
4. Add country region code #8 for W53 channels 52, 56, 60 and 64.
5. Add country region code #9 for J52 channels 34, 38, 42 and 46.
6. Add country region code #10 (combine #6, #8 and #9.)

UI:

[RAUI 1.2.0.0]



1. Restore the running UI dialog instead of displaying the message.
2. Add country region code to A band.
 - a. #8: channels 52, 56, 60 and 64.
 - b. #9: channels 34, 38, 42 and 46.
 - c. #10: channels 34, 36, 38, 40, 42, 44, 46, 48, 52, 56, 60 and 64.
3. Add support for SoftAP to RT73.
4. Remove G only wireless mode from the Advanced tab.
5. Add a QoS tab to provide Power Save and Direct Link.

[ApUI V1.0.8.0]

1. Restore the running UI dialog instead of displaying the message.
2. Add country region code to A band.
 - a. #8: channels 52, 56, 60 and 64.
 - b. #9: channels 34, 38, 42 and 46.
 - c. #10: channels 34, 36, 38, 40, 42, 44, 46, 48, 52, 56, 60 and 64.
3. Add support for SoftAP to RT73.

IS_AP_STA_61_D-1.1.0.0_2500_D-3.1.0.0_RU-1.1.9.0_AU_1.0.7.0_031506_0.0.1.6

Driver:

[RT61 1.1.0.0]

1. Add 11G Region code #7 to support channels 5 to 13.
2. Fix TxRate set to 11M if switched to SoftAP mode.
3. Fix CCKM random crashed issue.
4. Add External LNA gain value for 11a.

UI:

[RAUI 1.1.9.0]

1. Wireless Mode Switching Not Real Time Reaction.
2. When suspending, program still awaking and working.
3. Add 11G Region code #7 to support channels 5 to 13.

[ApUI V1.0.7.0]

1. Add 11G Region code #7 to support channels 5 to 13.

IS_AP_STA_61_D-1.0.4.0_2500_D-3.1.0.0_RU-1.1.6.0_AU_1.0.6.0_012606_0.0.1.4

Driver:

[RT61 1.0.4.0]

1. Support CCKM.
2. Improve MIC countermeasure support.
3. Support both WPA modes.
4. Support Ad hoc G only mode.
5. Improve the ping lost.
6. Fix the PS-POLL frame issue.
7. Fix the open WEP with 802.1x Radius roaming issue

UI:

[ApUI V1.0.6.0]

1. RT61 SoftAP Utility (1.0.5.0) Display Error for WEP Password Hidden.
2. The character "X" (16 Hex) can now be added to the WEP key.
3. Modify the WEP key length decryption.
4. Cannot generate a Network Bridge When Switching to SoftAP in WinX64.

IS_AP_STA_61_D-1.0.3.0_2500_D-3.1.0.0_RU-1.1.2.0_AU_1.0.5.0_111105_1.0.4.0

Driver:

RT61 1.0.3.0

1. Modify SoftAP mode BBP R62.
2. Modify BBP R39 for compatibility with Atheros 11b.
3. Fixed Radio On/Off WEP encryption issue.
4. Fix WPA Countermeasure issue.
5. Fix WinMe surprise removal problem.
6. Modify Scan Timing.
7. Support Broadcom SESv2.

UI:

[RAUI 1.1.2.0]

1. Modify the WEP key length decryption.



2. Add two kinds of card:
 - a. Card 1):USB\VID_148F&PID_2671
 - b. Card 2):USB\VID_13B1&PID_0020

[APUI 1.0.5.0]

1. Modify the WEP key length decryption.

IS_AP_STA_61_D-1.0.2.0_2500_D-3.1.0.0_RU-1.1.1.0_AU_1.0.4.0_102705_1.0.3.0

Driver: RT2500 3.1.0.0

1. Modify OID_802_11_SUPPORTED_RATES query result.
2. Support SESv2.

UI:

1. Link with new Aegis library in Windows 98/Me

IS_AP_STA_61_D-1.0.2.0_2500_D-3.0.5.0_RU-1.0.9.0_AU_1.0.4.0_091405_1.0.3.0

Driver: RT2500 3.0.5.0

1. Fixed Multiple SSID issues.
2. Fixed WPA-None on WinXP WPA2 hot fixed.
3. Add compensation for signal strength.

IS_AP_STA_61_D-1.0.2.0_2500_D-3.0.4.0_RU-1.0.9.0_AU_1.0.4.0_090205_1.0.3.0

Driver:

Driver 1.0.2.0

1. Fixed H/W Radio On/Off
2. Fixed RxRate report issue.
3. Added WMM functionality update.
4. Added default TX Burst mode deactivation.
5. Used 11M Tx Rate instead of 6M, 9M on low throughput.
6. Show firmware version.
7. CardBus controller patched for ENE Chipset.
8. Modify MIMO RSSI/RxRate Report mechanism.
9. Modify R17 tuning.



10. Support Piggyback.
11. Bug fixed WDS unexpected crash.
12. Update WPANone capability for Windows WPA2 hot fixed.
13. Support Multiple SSIDs.

UI:

RAUI 1.0.9.0

1. Fixed Aegis init failure if the UI starts before the card is put in on Windows 98SE/ME.
2. Fix the Aegis function bug when the computer restarts in Windows 98/ME.
3. Modify information shown about Multiple SSIDs.

[APUI 1.0.2.0]

Fixed:

1. The value read from registry with REGSTR_TURBO_RATE key must be assigned to apConfig.EnableTurboRate. The old version is assigned to apConfig.EnableTxBurst.

Install Shield:

1. Modified RT6x to fit Windows X64 and added two features: select default utility; and Tx burst mode.

IS_STA_6X_D61_1.0.1.0_D2500_3.0.4.0_RU_1.0.5.0_072005_1.0.1.0

Driver: [RT61]

1. Support H/W Radio On/Off on GPIO#5.
2. Update the programming RF sequence.
3. Extend Variable IE's buffer and secure the buffer to stop overflow.
4. Fixed RTS Frame duration calculation.
5. R17 value selection (Low/High) before connecting to an AP.
6. Enable TX rate auto fallback from OFDM to CCK 1M, 2M on(B/BG/ABG).
7. Update Firmware. Do not program GPIO except LED Mode #2.

[RT2500]

1. Extend Variable IE's buffer to record variable IE from the beacon.
2. Fixed the LEAP compatible issue with Funk Radius Server.

UI:

1. Add "Enable TCP Window Size" check box to the Advanced tab in Windows 2K and XP.



2. WIN-X64's ZeroConfig/Raconfig switch error. Fix it using RegOpenKeyEx() parameter's AccessMode add KEY_WOW64_64KEY in WIN-X64.
3. The UI must reconnect to an open-system AP if an Active Item is deleted from the Profile tab.
4. Fix the WPAPSK 64bit problem.
5. Change to link to different Aegis Version.
 - a. AegisE5.dll 3.3.2.2
 - b. AegisE2.dll 3.3.2.2
 - c. AegisISP Protocol 3.4.3.0
 - d. Installer 3.3.0.5

Install Shield:

1. Fix install problems on Windows 98/ME.
2. Fix enumeration problems.
3. Preinstall when devices don't exist.

IS_STA_6X_D61_1.0.0.0_D2500_3.0.3.0_RU_1.0.0.0_061705_1.0.0.0

Driver:

1. Fixed connect to random SSID when the driver is loading.
2. Make sure BBP is ready before programming BBP.
3. If miss firmware bin file, used internal firmware inside of driver.
4. Set R17 to low bound value when operating a site survey.
5. Add Front End type control.

UI:

1. Merge the RT2500 and RT61 utility.

Install Shield:

1. Merge RT2500 and RT61 within the same install package.