

PX750_WM61_ADDON_1.0.830

Software Release Notice

8/18/2010

Release Date: 2010.06.25

Release Images: Part

Released @ Itertaion 4

PX750_WM61_CLA_WWE_ADDON_1.0.830_F220k [1099007]

Release History:

PX750_WM61_CLA_WWE_1.0.830 (WM61.830.3 Released@2010-06-25)

PX750_SCRIPT_TO_CE5_1.0.830 (WM61.830.2 Released@2010-06-25)

7505_WM61_CLA_KOREAN_2.1.724 (WM61.724.1 Released@2009-05-07)

7527_WM61_CLA_WWE_1.0.659 (WM61.659.5 Released@2009-03-09)

7505_WINCE_5_MULTI_4.0.626 (7505.626.4 Released@2008-11-06)

7505_WINCE_5_MULTI_3.0.598 (7505.598.5 Released@2008-07-21)

7505_WINCE_5_MULTI_2.0.585 (7505.585.1 Released@2008-05-09)

7505_WINCE_5_MULTI_0.4.578 (7505.578.3 Released@2008-04-15)

7505_WINCE_5_MULTI_0.3.568 (7505.568.2 Released@2008-03-18)

7505_WINCE_5_MULTI_0.1.536 (7505.536.4 Released@2008-02-19)

Build Dependencies:

7505BooSt [830.1] Server Build Mar 24

7505BooSt ~ fpga 5.7

7505PCon [830.1] Server Build Mar 24

AKU 1.5.75

BTRestore Tools.711.1 [3.0.711_C099o] ~ components/BTRestore/BTRestore_WM5.zip 1.2

DevicescapeAgent: 828.1_1.5.3679

WWAN Component: 829.1_C180p ~ components/wwan/WWAN_WM5.zip 1.8

px750BooSt [857.1] Server Build Jun 01

px750Keyboard [859.1] Server Build Jun 01

px750PCon [858.1] Server Build Jun 01

Special Instructions

1 Same Special Instructions and Limitations as build 830.3

SOFTWARE CHANGES

This section provides a list of software changes made since the last Release.

16 *check-in(s), that is/are italic, has/have configuration or parameter changes.*

830.1

[- PRJ 111 \(7505pocketpc. 7527pocketpc. bohicawince. wwan\) Update GPRS operator database](#)

[- PRJ 115 \(7505pocketpc. 7527pocketpc. bohicawince\) Correct exception in error log service.](#)

[- PRJ-115 \(7505pocketpc. 7527pocketpc. bohicawince\) Bluetooth: Ported changes from Stingray.](#)

[- PRJ-115 \(7505pocketpc. 7527pocketpc. bohicawince. wwan\) Update GPRS operator database](#)

[- PRJ-115 \(7505pocketpc. 7527pocketpc. bohicawince. wwan\) Update GPRS operator database](#)

[SCR-19134: WBS-741: WWANUI did not display new sms icon or notification in the system tray after device wakes up from suspend](#)

[- SCR-19134.2. SCR-30351. SCR-30855 \(7505pocketpc. 7527pocketpc. bohicawince. wwan\) GsmPower: Indicate SMS received during suspend](#)

[SCR-19866: Improve Bluetooth on Windows CE 5.0 platform.](#)

[- SCR-198661.1 \(7505pocketpc. 7527pocketpc. bohicawince. opentekterm\) New Bluetooth Subsystem for](#)

[WinCE.](#)

[- SCR-19866.11 \(7505pocketpc, 7527pocketpc, bohicawince\) Fixed server builds.](#)

[- SCR-19866.3 \(7505pocketpc\) Checked-in omitted a file.](#)

[SCR-20058: \(WM6.1\) IKON Traditional Chinese decode code 39 barcode, it shows the result is code 93](#)

[- SCR-20058.2 \(7505pocketpc, 7527pocketpc, bohicawince, localization\) Fixed 'Code 39' translation in additional Control Panels, for Traditional Chinese.](#)

[SCR-30130: Scanner: Allow scan good/bad beeps to be configurable by end user](#)

[- SCR-30130 \(7505pocketpc, 7527pocketpc, bohicawince, opentekterm\) Added configurable good / bad scan beep settings into 7527pocketpc SCS registry](#)

[- SCR-30130.3 \(7505pocketpc\) Expanded the new functionality of configurable good / bad scan beep / .WAV into 7505pocketpc](#)

[SCR-30351: MD SDK not notifying of incoming SMS message when device wakes up from suspend](#)

[- SCR-19134.2, SCR-30351, SCR-30855 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) GsmPower: Indicate SMS received during suspend](#)

[SCR-30362: ARC: Add delay before attempting to launch ARC Downloader on startup.](#)

[- SCR-30362 \(7505pocketpc, 7527pocketpc, bohicawince\) Add 10s delay when starting ARC service.](#)

[SCR-30389: SE955 fails to initialize on power up](#)

[- SCR-30389 \(7505pocketpc, 7527pocketpc, bohicawince\) Added change so the scanner driver will recover in case of an error when reinitializing the scanner configuration on a resume.](#)

[SCR-30404: Bluetooth manager hangs trying to power on disabled Bluetooth hardware](#)

[- SCR-30404 \(7505pocketpc, 7527pocketpc\) Bluetooth: Manager should recognized disabled Bluetooth hardware.](#)

[SCR-30463: USB to Ethernet adapter does not detect network cable disconnection](#)

[- SCR-30463 \(7505pocketpc, 7527pocketpc, bohicawince\) Added thread to the ADMTekLanUsb driver to monitor the link status.](#)

[SCR-30468: HopperPhoneFocus: refresh tool with the updated Hopper.exe binary](#)

[- SCR-30468.4 \(7505pocketpc, 7527pocketpc\) HopperPhoneFocus: updated with Hopper.exe dated 7/16/2009 from August 1st 2009 LTK](#)

[SCR-30518: WJ RFID: 'Connect' command fails on many devices](#)

[- SCR-30518 \(7505pocketpc, 7527pocketpc, bohicawince\) Prevent erroneous reads of Modem Control Register in 16550 Serial Driver.](#)

[SCR-30525: WWAN: Add support for Cinterion MC75i modems](#)

[- SCR-30525.3 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Enable multiplexer for Cinterion MC75i](#)

[- SCR-30525.4 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Fix broken server build](#)

[SCR-30541: Checkin latest version of totalrecall component](#)

[- SCR-30541.1 \(7505pocketpc, 7527pocketpc, bohicawince\) Update to latest iteration of TotalRecall](#)

[- SCR-30541.2 \(7505pocketpc, 7527pocketpc, bohicawince\) Added latest iteration of TotalRecall](#)

[SCR-30550: "Enable auto-connect for" drop down does not list newly created data connections](#)

[- SCR-30550, SCR-30551 \(7505pocketpc, 7527pocketpc\) Phone Cpl-Fixed to update AlwaysOn connection list and initiate a data connection if AlwaysOn is enabled](#)

[SCR-30551: "Enable auto-connect for" does not auto connect without manually initiating connection first](#)

[- SCR-30550, SCR-30551 \(7505pocketpc, 7527pocketpc\) Phone Cpl-Fixed to update AlwaysOn connection list and initiate a data connection if AlwaysOn is enabled](#)

[SCR-30571: Hermes: Add API for commonly used error handling functions](#)

[- SCR-30571 \(7505pocketpc, 7527pocketpc, bohicawince\) Hermes: Create an API for the error handling service](#)

[SCR-30614: WWAN: Improve reliability of packet data attach for Siemens HC25](#)

[- SCR-30614 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Improve reliability of packet data attach for Siemens HC25](#)

[SCR-30622: RIL - Add support for Cinterion MC75i modem](#)

[- SCR-30622.1 \(7505pocketpc, 7527pocketpc, bohicawince\) MUXDRV - Upgrade mux driver to 1.3.0.0](#)

[- SCR-30622.2 \(7505pocketpc, 7527pocketpc\) RIL - Upgrade MC75 RIL to 1.3.3.0](#)

[SCR-30626: The GSM couldn't back to enable unless enable it manually or warm reset the device after shutdown the device then replug the SIM and resuming the device](#)

[- SCR-30626 \(7505pocketpc\) RHA - Fixed to power up the radio after removing battery when device is shutdown](#)

[- SCR-30626.2 \(7505pocketpc\) RHA - Fixed to power up the radio after removing battery when device is shutdown](#)

[SCR-30637: Hermes: Rework control panel UI.](#)

[- SCR-30637.1 \(7505pocketpc, 7527pocketpc, bohicawince\) Update Status tab in Hermes control panel.](#)

[- SCR-30637.10 \(7505pocketpc, 7527pocketpc, bohicawince\) Rearrange Hermes control panel tab order. Add registry keys to allow hiding tabs.](#)

[- SCR-30637.11 \(7505pocketpc, 7527pocketpc, bohicawince\) Determine actual NetLog and RilLog status.](#)

[- SCR-30637.12 \(7505pocketpc, 7527pocketpc, bohicawince\) Display utilities status on Hermes status tab.](#)

[- SCR-30637.13 \(7505pocketpc, 7527pocketpc, bohicawince\) File open dialog now uses WM softkey buttons for select and cancel options.](#)

[- SCR-30637.14 \(7505pocketpc, 7527pocketpc, bohicawince\) Corrected data abort in EHS.](#)

[- SCR-30637.2 \(7505pocketpc, 7527pocketpc, bohicawince\) Merged RilLog and NetLog tabs into a single Utilities tab.](#)

[- SCR-30637.3 \(7505pocketpc, 7527pocketpc, bohicawince\) Cleaned up interface between Utilities tab and utilities.](#)

[- SCR-30637.4 \(7505pocketpc, 7527pocketpc, bohicawince\) Added Settings tab to Hermes control panel.](#)

[- SCR-30637.5 \(7505pocketpc, 7527pocketpc, bohicawince\) Allow hidden folders to be visible when selecting the log folder.](#)

[- SCR-30637.6 \(7505pocketpc, 7527pocketpc, bohicawince\) Update EHS service to always indicate the current logfile instead of the next logfile.](#)

[- SCR-30637.7 \(7505pocketpc, 7527pocketpc, bohicawince\) Dr. Watson dumps are now logged in the Hermes log file. Renamed DSC to Dr. Debug.](#)

[- SCR-30637.8 \(7505pocketpc, 7527pocketpc, bohicawince\) Separated Dr. Watson and TekEHS dump folders.](#)

[- SCR-30637.9 \(7505pocketpc, 7527pocketpc, bohicawince\) Hermes status tab now uses listview to give individual item status.](#)

[SCR-30638: Update RRS barcode menu options to GS1 Databar in SCS and ICS.](#)

[- SCR-30638 \(7505pocketpc, 7527pocketpc, bohicawince, localization, opentekterm\) Updated RSS barcode options to GS1 Databar in SCS](#)

	- SCR-30638.5 (7505pocketpc, 7527pocketpc, bohicawince, imager) Localized GS1 DataBar strings.
	SCR-30647: [WM6.1]The UI of "Notification" tab in "Sound & Notification" has overlap and the dropdown lists are empty
	- SCR-30647 (7505pocketpc, 7527pocketpc) Update Windows Mobile 6.1 builds to AKU 1.5.75.
	SCR-30689: DSC: Clean up the error handling service
	- SCR-30689 (7505pocketpc, 7527pocketpc, bohicawince) DSC: Clean up the error handling service
	SCR-30712: RIL: Band selection does not work for MC75i
	- SCR-30712 (7505pocketpc, 7527pocketpc) RIL: Correct band selection for Cinterion MC75i
	SCR-30717: Decrease MIC gain in Speaker Phone mode for HC25 rel 2 in order to address echoing.
	- SCR-30717 (7505pocketpc) HC25R2 - Reduce microphone gain in speaker mode to pass approval
	SCR-30719: Adjust MC75 audio settings to improve Handset performance.
	- SCR-30719 (7505pocketpc, 7505WinCE) MC75 - Corrected audio settings for Handset mode
	SCR-30726: 7505 Pro (WM6.1): Changed Date and Time and being saved to RTC after terminal warm resets (LTK 9310)
	- SCR-30726 (7505pocketpc, 7527pocketpc, bohicawince) Added a delay after waiting for the ShellAPIReady event to avoid failing the registration for time change notification.
	SCR-30730: WM6.1: ikon Pro: Terminal do not accept password input until the modem finish initializing
	- SCR-30730 (7505pocketpc) RIL- Added RetriesForECCAccess in the registry
	SCR-30735: DSC: Enable the error handling service
	- SCR-30735 (7505pocketpc, 7527pocketpc, bohicawince, devicescapeagent, sdkwince) DSC: Enable the error handling service
	SCR-30738: WindowDialog: dialog helper class not correctly destroyed on exit, which can result in crashing on dialog-close
	- SCR-30738.2 (7505pocketpc, 7505wince, 7527pocketpc, 7527wince) WindowDialog (and OutputWindow): dialog helper class correctly destroys modeless-dialog and hidden-window on exit
	SCR-30756: WWAN: Improve debugging of SIM-related problems
	- SCR-30756 (7505pocketpc, 7527pocketpc, bohicawince, wwan) WWAN: Improve debugging of SIM-related problems
	- SCR-30756.2 (7505pocketpc, 7527pocketpc, bohicawince, wwan) Correct server build for WWAN component
	- SCR-30756.3 (7505pocketpc, 7527pocketpc, bohicawince, wwan) Correct server build for WWAN component
	SCR-30771: Disabling of the Power Management Dialogue box not working properly
	- SCR-30771 (7505pocketpc, 7527pocketpc, bohicawince) Prevent displaying the suspend dialog on resume, if the option is disabled in the registry.
	SCR-30774: Unable to turn on USB Hub when HC25 radio is nont configured in BooSt
	- SCR-30774 (7505pocketpc, 7525hdk, 7527pocketpc, bohicawince) Modified PeripheralControl driver so it will stay loaded, if no WWAN radio is configured.
	SCR-30781: The I2C driver should not be loaded twice on Windows Mobile 6 devices
	- SCR-30781 (7505pocketpc, 7527pocketpc) Prevent I2C driver from loading twice on WM 6.1 devices.
	SCR-30788: Add Bluetooth HID profile support to WinCE 5.0
	- SCR-30788 (7505pocketpc, 7527pocketpc, bohicawince) Added Bluetooth HID profile support to WinCE5.
	SCR-30792: Update Bluetooth Manager language translations.

[- SCR-30792.1 \(7505pocketpc, 7527pocketpc, bohicawince\) Fixed BthManager resource localization.](#)

[SCR-30801: Update WWAN component to the release 769.1](#)

[- SCR-30801 \(7505pocketpc, 7527pocketpc, bohicawince\) Update WM6.1 and WinCE 5.0 head with WWAN component 769.1](#)

[SCR-30808: WWAN: Avoid driver lock-up with Siemens HC25](#)

[- SCR-30808 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Avoid driver lock-up with Siemens HC25](#)

[SCR-30813: CE5.0: After clean start OS, scanning mode behavior of SE955 scanner is inconsistent with what's being configured in SCS](#)

[- SCR-30813.2 \(7505pocketpc, 7527pocketpc, bohicawince, localization, opentekterm\) Update languages' resource files after an English .rc change.](#)

[SCR-30817: Cannot build Windows Mobile on PCs with MKS Toolkit 9.2.3 installed.](#)

[- SCR-30817 \(7505pocketpc, 7527pocketpc, bohicawince\) Fixed makefile, so we can build Windows Mobile products when MKS Toolkit 9.2.3 or newer is used.](#)

[SCR-30819: WWAN: Incorrect voice muting when retrieving waiting call for MC75/MC75i](#)

[- SCR-30819 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Correct voice muting when retrieving waiting call for MC75/MC75i](#)

[- SCR-30819.2 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Correct voice muting when retrieving a waiting call for MC75/MC75i](#)

[SCR-30832: Allow the option for AGPS to establish a data connection for WWAN devices.](#)

[- SCR-30832 \(7505pocketpc\) Updated A-GPS downloader to attempt data connection with Connection Manager.](#)

[- SCR-30832.2 \(7505pocketpc, bohicawince\) Refactored network connection support in A-GPS downloader.](#)

[SCR-30855: 7505 ce5 mc75v4 Suspend mode SMS message is checkable only by Warm resetting the device or receiving a waking up mode SMS message](#)

[- SCR-19134.2, SCR-30351, SCR-30855 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) GsmPower: Indicate SMS received during suspend](#)

[SCR-30865: Support Marvell SDIO8686 Radio on iKon](#)

[- SCR-30865.30 \(7505boost, 7505pcon, 7505pocketpc, 7527pocketpc, bohicawince\) Branch merge: From iKon.Sep02.SDIOMUX to Main](#)

[- SCR-30865.31 \(7505pocketpc, 7527pocketpc\) Update modified resource files](#)

[- SCR-30865.32 \(7505pocketpc, bohicawince, px750pocketpc\) Update Devicescapeagent component](#)

[- SCR-30865.33 \(7505boost, 7505pcon, 7505pocketpc, bohicawince\) Set variant bit for -800 MLB in all images](#)

[SCR-30868: Localization: New BT Manager requires further translation](#)

[- SCR-30868.2 \(7505pocketpc, 7527pocketpc, localization\) Updated Bluetooth chinese resource files, based on recent additions to the glossaries.](#)

[SCR-30870: Add Registry entries to recognize Device id 3 as Cradle Modem](#)

[- SCR-30870 \(bohicawince, px750boost, px750pcon\) Added docking port ID=3 for the single dock with modem cradle.](#)

[SCR-30872: os is up and running but mfg application is not started](#)

[- SCR-30872 \(7505pocketpc, 7527pocketpc, bohicawince\) MfgSupport: Moved the registration with SCS when the WaitForScan command is executed for the first time.](#)

[SCR-30875: RA2041: Radio does not power back on if the CF slot is disabled and enabled quickly in Power](#)

Properties

[- SCR-30875 \(7505pocketpc, 7527pocketpc, bohicawince\) Display busy cursor when powering ON/OFF the CF slot and wait for the operation to be completed successfully.](#)

[- SCR-30875 \(7505pocketpc, 7527pocketpc, bohicawince\) Verify the operation was done successfully when enable/disable the slots in "Devices" tab from Power cpl.](#)

SCR-30876: Issues opening GPS serial port COM2

[- SCR-30876 \(7505pocketpc, 7505wince\) Improve A-GPS serial port behaviour to allow use with the .NET applications](#)

SCR-30877: WWAN: Correct Coverity warnings

[- SCR-30877 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Correct Coverity warnings](#)

SCR-30885: WWAN radio shuts down in suspend

[- SCR-30885 \(7505pocketpc, 7527pocketpc\) RHA - Avoid false report of modem power state](#)

SCR-30888: Bluetooth Manager: Available serial port list shows all ports.

[- SCR-30888 \(7505pocketpc, 7527pocketpc, bohicawince\) Bluetooth Manager: Fixed serial port detection problem.](#)

SCR-30902: Add a flag in Boost to convert Cold Reset to Clean Reset

[- SCR-30902 \(7505boost\) Added a new configuration flag that will cause cold boots of the OS to be treated as clean boots](#)

SCR-30903: Update add-on cab version number for WM 6.1 images.

[- SCR-30903 \(7505pocketpc, 7527pocketpc\) Update Add-on cab version number to 4.0 for 7527 and 7505 WM 6.1.](#)

SCR-30905: Correct the loading of I2C driver on 7527 WM 6.1.

[- SCR-30905 \(7505pocketpc, 7527pocketpc\) Correct the loading of I2C driver on 7527 WM 6.1.](#)

SCR-30910: Fix buffer overflow in supplied CLM code

[- SCR-30910 \(7505pocketpc, 7505wince\) Fixed minor buffer overrun in CLM code \(AGPS\)](#)

SCR-30916: WBS-741: Unable to bring the WWANUI back to the foreground from the systemtray

[- SCR-30916 \(bohicawince, wwan, 7505pocketpc, 7527pocketpc\) WWANUI - Put WWANUI into the foreground](#)

[- SCR-30916.2 \(wwan, bohicawince, 7505pocketpc 7527pocketpc\) WWANUI- Fixed to display WWANUI in Task Manager correctly](#)

SCR-30920: Ikons with CE5 and HC25 R1 hang when running the PVV or Hammer suspend resume test.

[- SCR-30920 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Avoid driver lock-up on suspend](#)

SCR-30930: Hermes: Split header file according to API, IOCTL and log functionality

[- SCR-30930 \(7505pocketpc, 7527pocketpc, bohicawince\) Hermes: Split the header file for the error handling service](#)

SCR-30932: RA2041: Integrate Summit 2.02.24 driver

[- SCR-30932 \(7505pocketpc, 7527pocketpc, bohicawince, sdkwince, wintermx\) RA2041: Integrated 2.02.24 Summit driver version for RA2041 radio](#)

SCR-30935: WWANUI: Avoid potential race condition

[- SCR-30935 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWANUI: Avoid potential race condition in event handler](#)

SCR-30947: Scan angle defaults back to normal.

[- SCR-30947 \(7505pocketpc, 7527pocketpc, bohicawince\) Removed Scan Angle parameter from SCS](#)

[SCR-30959: RIL: PAP Authentication fails with HC25 v 2.05](#)

[- SCR-30959 \(7505pocketpc, 7527pocketpc\) RIL - Configure the PPP authentication method on the module](#)

[SCR-30962: WBS-741: Voice call remained connected on SUSPEND when WiFi is enabled](#)

[- SCR-30962 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Avoid driver lock-up on suspend](#)

[SCR-30965: Move multi-image building scripts to common/shared location.](#)

[- SCR-30965 \(7505pocketpc, 7527pocketpc, bohicawince\) Moved multi-image build scripts to non-OS specific locations.](#)

[SCR-30985: WWAN: PAP Authentication fails with HC25 v 2.05](#)

[- SCR-30985 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Correct PAP authentication for Siemens HC25 Rel. 2](#)

[SCR-31016: Bluetooth: Bluetooth Manager lockup when Bluetooth turned off for Windows Mobile.](#)

[- SCR-31016 \(7505pocketpc, 7527pocketpc, bohicawince\) Bluetooth Manager hangs in Windows Mobile when Bluetooth is turned off.](#)

[SCR-31036: Bluetooth: Bluetooth Service IOCTL does not return when the Bluetooth is off from the beginning.](#)

[- SCR-31036 \(7505pocketpc, 7527pocketpc, bohicawince\) Bluetooth: Bluetooth Service IOCTL calls return FALSE when Bluetooth is off.](#)

[SCR-31037: WM61 798.1 Mc75i/Mc75 Phone Settings no response after the tab Diagnostics Opening and Closing before the data updated completely](#)

[- SCR-31037 \(7505pocketpc, 7527pocketpc\) PhoneCpl - Fixed to deactivate diagnostics tab correctly](#)

[SCR-31050: Add support for Neo -400 board \(624 MHz\)](#)

[- SCR-31050 \(bohicawince, px750boost, px750pcon\) Added support for 624MHz core clock on Neo.](#)

[SCR-31059: Fix BTUART error handling of read failures](#)

[- SCR-31059 \(7527pocketpc, 7505pocketpc, bohicawince\) Branch merge: From NEO.Nov12.WM61 to main](#)

[SCR-31092: Update to the 793.2 WWAN component.](#)

[- SCR-31092 \(7505pocketpc, 7527pocketpc\) Update to the 793.2 WWAN component.](#)

[SCR-31093: Back-up the latest checkin for Summit driver 2.02.24 and go back to 2.01.59 version.](#)

[- SCR-31093 \(7505pocketpc, 7527pocketpc, bohicawince, wintermx\) Back-up the latest checkin for Summit driver 2.02.24 and go back to 2.01.59 version.](#)

[SCR-31103: WWAN: Allow data connection with HC25 Rel. 2 and certain USIMs](#)

[- SCR-31103 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Allow data connection with HC25 Rel. 2 and certain USIMs](#)

[SCR-31129: WM61 Pro 7527 WAP3 Clean reset making mc75/mc75i radio disable](#)

[- SCR-31129 \(7505pocketpc, 7527pocketpc, bohicawince\) RIL - Delay MC75 RIL start time to meet some module timing requirements](#)

[SCR-31133: Dr. Debug header file problems.](#)

[- SCR-31133 \(7505pocketpc, 7527pocketpc, bohicawince\) Dr. Debug include file corrections](#)

[SCR-31142: Bluetooth: Add support for NetworkPolicy Configuration in WM6.1](#)

[- SCR-31142 \(7505pocketpc, 7527pocketpc\) Bluetooth: Added support for WM6.1 NetworkPolicy Configuration support to Bluetooth subsystem.](#)

[SCR-31143: Newer WM6.1 OS builds have a new IE Mobile and the text is both too small to read and can not be changed.](#)

[- SCR-31143 \(7505pocketpc, 7527pocketpc\) Update IE6 to use scaling on our higher DPI screens for](#)

[7527/7505 WM6.1](#)

[SCR-31147: Update WWAN component on main for WM 6.1 WAP3 support.](#)

[- SCR-31147 \(7505pocketpc, 7527pocketpc\) Update to WWAN component 793.3](#)

[SCR-31165: Migrate HC25 V2 audio settings to audio parameters](#)

[- SCR-31165 \(7527pocketpc, 7505pocketpc\) RIL - Always set the audio mode to HANDSET on HC25 radio when no call exists](#)

[SCR-31238: Include certificate enrollment utility enroll.exe for Windows Mobile](#)

[- SCR-31238 \(7505pocketpc, 7527pocketpc\) Added Enroll to Windows Mobile 6.1 7505 and 7527](#)

[SCR-31247: Wake On AC Power not functioning correctly against an IKON](#)

[- SCR-31247 \(7505pocketpc\) Allow external power to wake the iKon from suspend when configured.](#)

[SCR-31249: The state of the incoming call is not updated correctly if call is received in suspend.](#)

[- SCR-31249 \(7505pocketpc, 7527pocketpc\) RIL - Disable SLCC if multiplexer is not used](#)

[- SCR-31249.2 \(7505pocketpc, 7527pocketpc, bohicawince\) Fixed broken server build](#)

[SCR-31271: Create scripts to enable configurable boot device](#)

[- SCR-31271 \(7505pocketpc, 7527pocketpc\) Create scripts to enable configurable boot device](#)

[SCR-31281: RIL - Add support for Windows Mobile 6.5](#)

[- SCR-31281.1 \(7505pocketpc, 7527pocketpc, bohicawince\) HCUSB - Upgrade to version 1.1.1.0](#)

[SCR-31293: Neo enhancement: Add support for HHP in Boost and OS](#)

[- SCR-31293 \(bohicawince, px750boost\) Add support for HHP imager to Neo](#)

[SCR-31325: Add support for TrioRail TRM-3a GSM-R module](#)

[- SCR-31325 \(7505pocketpc, 7527pocketpc, bohicawince, wwan\) WWAN: Add support for TrioRail TRM-3a GSM-R modem](#)

[SCR-31356: Add px750pocketpc to proj](#)

[- SCR-31356.2 \(bohicawince, px750boost, px750keyboard, px750pcon, px750pocketpc\) Branch merge: From NEO.Nov12.WM61 to Main](#)

[- SCR-31356.3 \(px750pocketpc\) Create localized version of new resource files](#)

[- SCR-31356.4 \(px750pocketpc\) Add support to NEO WM6 to use DSA](#)

[- SCR-31356.5 \(bohicawince, px750pocketpc\) Fix server build](#)

[- SCR-31356.6 \(px750pocketpc\) Fix zero byte file](#)

[SCR-31388: Update WWAN component for upcoming full release of 7505pocketpc.](#)

[- SCR-31388 \(7505pocketpc\) Update WWAN component to Build 829.1 for 7505 release.](#)

830.2

[SCR-31272: Detect, and report, battery is approaching EOL.](#)

[- SCR-31272 \(bohicawince, px750pcon\) Add cycle-counting to WA3006 battery packs on Neo, for use by a new Battery Quality service](#)

[SCR-31401: NEO Fails Image Update LTK Tests](#)

[- SCR-31401 \(px750pocketpc\) Pass all Image Update LTK tests](#)

[SCR-31424: Date and time return to default after being set.](#)

[- SCR-31424 \(bohicawince, px750pocketpc\) Port WM6.1 time change notification fixes to NEO](#)

	SCR-31448: Enroll.exe missing in Neo Classic	
<input type="checkbox"/>	- SCR-31448 (px750pocketpc) Add Enroll.exe to the Add-On Cab	
	SCR-31457: WM61 830 Neo Classic failed LTK test case 7016 DirectDraw_Test.log	
<input type="checkbox"/>	- SCR-31457 (px750pocketpc) Pass LTK Test 7016 DirectDraw Test	
	SCR-31463: WM61 830 Neo Classic failed LTK test case 7000 Display driver IOCTLs	
<input type="checkbox"/>	- SCR-31463 (px750pocketpc) Pass LTK test 7000 Display Driver IOCTLs	
	SCR-31468: WM61 830 Neo Classic failed LTK test case 5076 Internet Explorer 6 mouse cursor behavior	
<input type="checkbox"/>	- SCR-31468 (px750pocketpc) Enable cursor support for IE6	
	SCR-31489: Add USB Cradle Modem Driver to Add-On CAB	
<input type="checkbox"/>	- SCR-31489 (px750pocketpc) Add cradle modem driver to the add-on Cab	
	SCR-31518: 624 MHz NEOs turn on without user intervention when removed while charging in quad chargers.	
<input type="checkbox"/>	- SCR-31518 (px750pcon) Clear RTC alarms on cold reset	
	SCR-31527: Wireless Statistics do not detect network card when Wi-Fi Config is used	
<input type="checkbox"/>	- SCR-31527 (7505pocketpc, px750pocketpc) Add support for Marvell Wi-Fi radio to Wireless Statistics control panel	
	SCR-31556: Neo Classic missing NetLog from Dr. Debug	
<input type="checkbox"/>	- SCR-31556 (px750pocketpc) Add NetLog to Add-On Cab	
	SCR-31567: <Locked Blue+Enter> key combo should not be allowed to suspend Neo Classic	
<input type="checkbox"/>	- SCR-31567 (px750pocketpc) Disable suspend button if blue-lock enabled	
	SCR-31570: Neo classic do not show the "Suspend" box that prevents user from reume/suspending the terminal too quickly	
<input type="checkbox"/>	- SCR-31570 (px750pocketpc) Enable suspend delay dialog	
	SCR-31647: Neo Classic: Custom settings needs to enable "Enber emulates d-pad action key" check box by default	
<input type="checkbox"/>	- SCR-31647 (px750pocketpc) Remap enter key to action key by default	
830.3		
	SCR-31343: Continuous Scan Mode fails after multiple resets	
<input type="checkbox"/>	- SCR-31343 (7505pocketpc, 7527pocketpc, bohicawince, px750pocketpc) Intermec EV15: Workaround for EV15 sending bad data during warm resets.	
	SCR-31626: Neo Classic do not turn on intermittently after over night suspend/resume test with active Wifi connection	
<input type="checkbox"/>	- SCR-31626.1 (px750pocketpc) Allow USB to wake the device	
<input type="checkbox"/>	- SCR-31626.2 (px750pocketpc) Prevent getting stuck in unattended mode	
	SCR-31712: Neo Classic wakes up (device turns on) after midnight	
<input type="checkbox"/>	- SCR-31712 (bohicawince, px750pocketpc) Support unattended mode on NEO	
	SCR-31727: Message box text cut off on Add-on Cab installation	
<input type="checkbox"/>	- SCR-31727 (px750pocketpc) Adjust LTEXT dimension in the message box	
	SCR-31770: Neo Classic: Scan dot stays on after suspend when scan mode set to "Aim with Scan: 2 trigger pulls"	
<input type="checkbox"/>	- SCR-31770 (bohicawince, px750pocketpc) Updated Symbol decoded scanner on Neo to prevent firing scan beam in suspend.	

[SCR-31774: Keyboard Controller has same I2C address as HHP Imager](#)

[- SCR-31774 \(bohicawince, px750boost, px750keyboard, px750pcon\) Change keyboard microcontroller I2C address.](#)

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[SCR-31936: Neo: EV15 scan beam intermittently stays on \(without scan key press\) when "continuous scan" mode is enabled](#)

[- SCR-31936 \(bohicawince, 7505pocketpc, 7527pocketpc, px750pocketpc\) Prevent scan beam from remaining on after trigger release with continuous mode and double click enabled.](#)

[- SCR-31936 \(px750pocketpc\) Branch Merge: From main to release branch wm61.F040.830](#)

CONFIGURATION PARAMETER CHANGES

This section provides a list of configuration / parameters changes made since the last Release.

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[SCR-30637.10 \(7505pocketpc, 7527pocketpc, bohicawince\) Rearrange Hermes control panel tab order. Add registry keys to allow hiding tabs.](#)

Parameters:			
	[HKEY_LOCAL_MACHINE\ControlPanel\Ehs] "Group"=dword:1 "Hide"=dword:0 "UseRegTabs"=dword:1		
	[HKEY_LOCAL_MACHINE\ControlPanel\Ehs\100] @="Status" "TabIndex"=dword:0 "Hide"=dword:0		
	[HKEY_LOCAL_MACHINE\ControlPanel\Ehs\200] @="Settings" "TabIndex"=dword:1 "Hide"=dword:0		
	[HKEY_LOCAL_MACHINE\ControlPanel\Ehs\300] @="Utilities" "TabIndex"=dword:2 "Hide"=dword:0		

[SCR-30647 \(7505pocketpc, 7527pocketpc\) Update Windows Mobile 6.1 builds to AKU 1.5.75.](#)

Configuration:			
	System environment variable WMROOT600_DIR should be updated to point to the installation directory of the new AKU (default C:/WM61570).		

[SCR-30717 \(7505pocketpc\) HC25R2 - Reduce microphone gain in speaker mode to pass approval](#)

Parameters:			
	[HKEY_LOCAL_MACHINE\Software\RIL\HC25\Audio\HC25\2\Speakerphone] "SNFImicAmp2"=dword:4		
	[HKEY_LOCAL_MACHINE\Software\RIL\HC25\Audio\HC28\1\Speakerphone] "SNFImicAmp2"=dword:4		

[SCR-30719 \(7505pocketpc, 7505WinCE\) MC75 - Corrected audio settings for Handset mode](#)

Parameters:			
	Reduced radio output 12dB: RIL: [HKEY_LOCAL_MACHINE\Software\RIL\Audio\Handset] "BbcGain"=dword:2 (0 = 0 dB , 1 = -6dB , 2 = -12dB , 3=-18dB, 6dB steps)		

WWAN: [HKEY_LOCAL_MACHINE\Drivers\BuiltIn\WaveDev\WWAN\Siemens\MC75\Handset] "BbcGain"=dword:2
Added 6dB on the codec: RIL: [HKEY_LOCAL_MACHINE\Drivers\PisionTeklogix\WWAN\MC75\WaveDev] "GSMVolumeMin"=dword:A "GSMVolumeMax"=dword:0
WWAN: [HKEY_LOCAL_MACHINE\Drivers\PisionTeklogix\WWAN\MC75\WaveDev] "GSMVolumeMin"=dword:A "GSMVolumeMax"=dword:0

[SCR-30730 \(7505pocketpc\) RIL- Added RetriesForECCAccess in the registry](#)

Parameters:			
	[HKEY_LOCAL_MACHINE\Software\Microsoft\RIL\HC25] "RetriesForECCAccess"=dword:2		

[SCR-30832 \(7505pocketpc\) Updated A-GPS downloader to attempt data connection with Connection Manager.](#)

Configuration:			
	The following registry key configures the connection timeout value (default is 60 seconds): [HKEY_LOCAL_MACHINE\Drivers\BuiltIn\AGpsDownloader\Config] "ConnectionTimeout"=dword:3C		

[SCR-30870 \(bohicawince, px750boost, px750pcon\) Added docking port ID=3 for the single dock with modem cradle.](#)

Parameters:			
	The following registry keys were added: [HKEY_LOCAL_MACHINE\Services\TekDTSvc\DockPort\3] "FriendlyName"=mui_sz:"TekDTSvc.dll,#187" "Icon"="TekDTSvc.dll,-307" "SmallIcon"="TekDTSvc.dll,-307" "SDKDescription"="Single Dock with Modem"		

[SCR-30932 \(7505pocketpc, 7527pocketpc, bohicawince, sdkwince, wintermx\) RA2041: Integrated 2.02.24 Summit driver version for RA2041 radio](#)

Configuration:			
	Populate power saving mode to newly created profiles (CAM = 0, Max = 1, Fast = 2). [HKEY_LOCAL_MACHINE\Comm\SDCCF10G1\Parms\Configs\DefaultConfigSettings] "PowerSave"=dword:0		

[SCR-30959 \(7505pocketpc, 7527pocketpc\) RIL - Configure the PPP authentication method on the module](#)

Parameters:			
	[HKEY_LOCAL_MACHINE\Software\Microsoft\RIL] "SetGPRSAuthentication"=dword:3 ; //CHAP and PAP (CHAP first)		
	These values are possible: 1: PAP only 2: CHAP only 3: CHAP and PAP (CHAP first)		

[SCR-31093 \(7505pocketpc, 7527pocketpc, bohicawince, wintermx\) Back-up the latest checkin for Summit driver 2.02.24 and go back to 2.01.59 version.](#)

Parameters:			
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The following registry key was removed:
[HKEY_LOCAL_MACHINE\Comm\SDCCF10G1\Parms\Configs\DefaultConfigSettings]
"PowerSave"=dword:0

[SCR-31129 \(7505pocketpc, 7527pocketpc, bohicawince\) RIL - Delay MC75 RIL start time to meet some module timing requirements](#)

Parameters:

[HKEY_LOCAL_MACHINE\Software\Microsoft\RIL\MC75]
"MinFirstStartTick"=dword:13880 ; 80 sec

[SCR-31247 \(7505pocketpc\) Allow external power to wake the iKon from suspend when configured.](#)

Parameters:

[HKLM\System\CurrentControlSet\Control\Power]
"WakeUpEnables":dword (|= 1 to set external power as wakeup)

[SCR-31249 \(7505pocketpc, 7527pocketpc\) RIL - Disable SLCC if multiplexer is not used](#)

Parameters:

Disable ^SLCC when mux is not used:
[HKEY_LOCAL_MACHINE\Drivers\PisionTeklogix\WWAN\HC25\RIL]
"EnableSLCC"=dword:0

Enable ^SLCC when mux is used (mux is needed when HC25 built-in GPS is used)
[HKEY_LOCAL_MACHINE\Drivers\PisionTeklogix\WWAN\HC25R2\RIL]
"EnableSLCC"=dword:1

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[SCR-31272 \(bohicawince, px750pcon\) Add cycle-counting to WA3006 battery packs on Neo, for use by a new Battery Quality service](#)

Configuration:

The service is configured using the following keys:
[HKEY_LOCAL_MACHINE\Services\BatteryStatus]
"Dll"="BatteryStatusService.dll" ; Settings used by Services.exe
"Prefix"="BSS"
"Keep"=dword:1
"Order"=dword:B
"Index"=dword:0
"DisplayName"="Battery Status Service"
"Description"="Service for monitoring and displaying battery quality"
"Flags"=dword:0 ; Enable service by default. Set to 4 to disable

; Flag to allow customer to control whether the pop-up Battery State dialog appears on each power-on
"ShowPopupOnResume"=dword:1 ; If 0, no dialog shown

; Amount of time GUI keeps the Battery State dialog on display (one value per age band)
"ShowWhenNew"=dword:4 ; (in seconds)
"ShowWhenUsed"=dword:7
"ShowWhenOld"=dword:A
"ShowWhenUnknown"=dword:0

; When cycle count exceeds these thresholds, pack moves to next age level
"CycleThreshUsed"=dword:12C ; 300 (Customers should tune these
"CycleThreshOld"=dword:190 ; 400 values to suit their site)

[SCR-31567 \(px750pocketpc\) Disable suspend button if blue-lock enabled](#)

Parameters:

The following registry key has been removed:
[HKEY_LOCAL_MACHINE\HARDWARE\DEVICES\KEYBD]
blueLockEnSuspend"=dword:1

[SCR-31647 \(px750pocketpc\) Remap enter key to action key by default](#)

Parameters:			
	Removed the registry key: [HKEY_LOCAL_MACHINE\HARDWARE\DEVICEMAP\KEYBD\scanCodeRemapNormal] "0x003C"=dword:001c000d Added the registry key: [HKEY_LOCAL_MACHINE\HARDWARE\DEVICEMAP\KEYBD\scanCodeRemapNormal] "0x001F"=dword:001c000d		

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