Release Notes for
Version 1.2.1, 1.2.2, 1.2.5, and 1.2.6 of Windows® Embedded Handheld for the Archer²

December 2013

These notes provide important information for Juniper Systems release of the Microsoft Windows Embedded Handheld (formerly Windows Mobile) 6.5 operating system for the Archer². These notes may also include important hardware information for the device.

Documentation and software updates are available from:

http://www.junipersys.com/Juniper-Systems/support

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These release notes contain the following sections:

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Important Notes

- **Hold-to-zoom is a new feature on Archer2.** Hold-to-Zoom is a feature that gives the user a method to temporarily zoom in on an area of the display to make it easier to access

touchscreen controls. This feature is accessed by pressing and holding the P1 key and then tapping the area of the screen that you want to zoom. Full details of this feature are provided in the owner's manual.

▪ **Encrypted SD card cannot be used for OS update.** The device cannot perform an OS update with an SD card that has been encrypted. Before running an OS update, verify that the encryption option in Start > Settings > System > Encryption is disabled.

▪ **Customizing the backlight on your device display to optimize visibility and power consumption.** The backlight can be adjusted to improve display visibility. Using brighter backlight settings will consume more power. It is recommended that you customize backlight brightness to optimize display visibility and battery usage to fit your environment and usage [3090].

▪ **Hardware OK button.** The enter button and the center button on the direction pad can be *pressed and held* to send an "OK" to the application for screens that may not display an OK button and screens where the OK button does not work. This is most useful in applications that were designed for an earlier version of Windows Mobile, and it can also be found on some of the built-in applets. As an example, go to Start > Settings > Personal > Input, then change the input method to Block Recognizer or Letter Recognizer and select Options. Although the on-screen OK button is not responsive, the hardware OK button will work [2385].

Known Issues

These issues are open in this version of the Operating System.

Audio
▪ Some audio files play louder than others [6262]

Barcode Connector / Barcode Scanner

- Starting Barcode will sometimes report an error when GPS is active [6379]

- Barcode scanner reports Code 39 BNR on a No Read [6358]

- MSI Plessey barcode with MOD10_MOD11 checksum does not decode [6351]

- Barcode scanner won't decode some Code 93 barcodes when using suffixes of <LF><CR> [6348]

- In Barcode connector, when reading code 32 a tab as a suffix is ignored. [6336]

Bluetooth

- Pairing with a HID device such as a Bluetooth keyboard sometimes fails when accessing the option to pair by going to Settings > Connections > Wireless Manager. It seems to work more reliably when accessed by pressing and holding on the Bluetooth icon on the JS Home screen [6725].

Camera

- When the camera white balance is set to auto, it does not correctly adjust when used in outdoor, sunny conditions. For more accurate pictures, the user needs to manually set the white balance to "Sunny." [6909]

Cell Modem

- When setting up the data connection for the cellular modem for the first time, the option to "Automatically configure connection" may fail to trigger the setup process and just refreshes the screen. As a workaround, it is possible to continue attempting to select that option until it activates or to make sure that the cellular radio is powered on and then reset the device. When the device boots, it will automatically attempt to configure the cellular radio if it is on and there is a valid SIM card present. [6707].

General

- English is the only language available in this build [6503]

- When the devices goes into suspend mode, there is sometimes a period of several seconds during which the device will not power on when the power button is pressed. This is because some components take time to shutdown properly, and the system does not allow the shutdown process to be interrupted [6623].

GNSS

Power

- Device with 0% battery resumes with dark screen a few minutes after low battery suspend [6540]

Touchscreen

- Using a stylus on the touchscreen may leave gaps in lines when drawing [6307]

Wi-Fi

- Wireless networks list may be incomplete [6404]

- The device may fail to associate with some networks that use WPA-PSK or WPA2-PSK [6848]. The user may observe that the device temporarily reports that the network is not available. The workarounds for this issue are to wait about one minute, and the device will reconnect automatically, or the user may turn off Wi-Fi on the JS Home screen and the turn it back on to manually reconnect.

Resolved Issues

These issues are resolved in this version of the Operating System.

GNSS

- In version 1.2.2, GNSS no longer fails to find satellites [7095]

- In version 1.2.2, an issue with the GNSS / GPS control panel applet was fixed [7099]

General

- In version 1.2.2, an issue with GetSystemTime() was fixed [7103]

- In version 1.2.5, an issue that sometimes caused the cellular modem and USB peripherals to become inaccessible after a suspend / resume cycle has been fixed [7111, 7114]

- In version 1.2.6, an issue that sometimes caused GNSS signal interference when operating in cold temperatures has been addressed [7170]

Closed Issues

These issues are closed and will not be changed or fixed.

- When performing barcode scans using Excel Mobile, the scanned value will be 0 if the visual indicator option in the Barcode Connector software is enabled. If scanning into Excel Mobile, make sure that the visual indicator option is disabled [6335].

- Adobe Flash Lite runs at a high priority and consumes most of the available CPU cycles. This causes other applications and processes to function slowly or improperly. This issue appears when navigating to websites that have Adobe Flash content [2626].

- Some USB flash drives are not recognized [2270]. For details, please refer to the Juniper Systems website and navigate to the article titled "USB Flash Drive compatibility" in the support knowledge base.

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