Software Release Notes

CN3
OS Series v4.30
SSPB Series v7.00

Windows Mobile 6.1 Classic
Windows Mobile 6.1 Professional (GPRS)

Overview

This is a follow up release of Windows Mobile 6.1 for the CN3 series computers.

Supported Hardware

All CN3 and CN3E configurations, except those including the CDMA WWAN module.

Version numbers

Component	Current Version	Previous Version
OS	4.30.31.0014	4.00.20.0036
SSPB (SmartSystems Platform Bundle)	7.00.36.0548	6.00.27.0407

SSPB Components	Current Version	Previous Version
Wavelink Enabler	4.06-15	4.02-32
Funk Supplicant	2.01.02.0302	2.01.05.0285
CCX Version	v4	v4
SSRef Client	3.46.07.0642	3.40.00.0530
IVA/DCE	5.06.72.3191	5.04.40.2561
DHCP Client	1.2.6	1.2.3.1
IBI	5.06.72.3171	5.04.40.2542
IGPS	1.0.0.9	1.0.0.6
ImageCapture.CAB	1.00.00.0019	NA

New Functionality

- Image Capture
- SiRF InstantFix 2.2
- Internet Explorer 6
- Scan-to-Load
- Intermec Settings User Interface
- Auto-detect 802.11d channels based on geographical settings of the discovered AP
- Added a delay and retry in the bootloader to support larger mDOC parts on CN3

Defects Fixed In This Build

ID	Description Summary	Systems
28800	When using Microsoft Zero config to switch from ad-hoc mode to infrastructure mode, all ad-hoc settings must be removed and the computer rebooted.	802.11
30179	Microphone gain has to be reset after headset is disconnected.	Audio
28607	Making a connection to the USB/Serial COM port may cause the device to hang if the peripheral hardware is not present.	COM
30177	The first character of an alpha-numeric barcode will get truncated in scanned while using Remote Desktop Mobile.	Data Collection
31284	Scanner reflective surface settings do not persist through reboots.	Intermec Settings
30217	Keyboard or device lockups could occur if the device is suspended with the green or gold shift plane active.	Keyboard
27530	When enrolled with an SCMDM server the device will connect to the network every 20 minutes. If the device is suspended it may not wake successfully to establish the connection and require a reset to recover.	SCMDM

SRs Included In This Build

- SR09083101_SD_CN3_ALL
- SR07021601_AUD_WM50_NON-700_ALL
- SR07080600_AUD_CN3WM50_ALL
- SR08011600_AUD_CN3WM50_ALL
- SR08062700_AUD_CN3WM50_ALL
- SR08092300_AUD_CN3WM50_ALL
- SR08120300_AUD_WM61_ALL
- SR08121500_AUD_CN3WM50_ALL
- SR09011200_AUD_CN3WM61_ALL
- SR08111800_DCL_CN3WM6_ALL
- SR08080400_GPRS_CN3WM50_ALL
- SR08042800_SER_CN3WM50_ALL
- SR09012900_EBT_CN3WM61_ALL

Additional Information

The CN3 series handheld computer manual can be located at:
www.intermec.com | Products | CN3 | Manuals

All downloads for the CN3 series handheld computer can be located at:
www.intermec.com | Products | CN3 | Downloads

Installation Instructions
SSPB – Please see the document included with the SD Card or SSPB installs
OS – Please see the document included with the OS SSPB bundle

SmartSystems Upgrade
Smartsystems Console 3.50 or higher must be used for upgrade and configuration of CN3 WM 6.1.

When using the upgrade kit, upgrades over SmartSystems are only supported from previous WM6.1 builds. Upgrading from older versions may damage the CN3.

SDHC Support
SD Cards with sizes 4GB and larger are now supported during operation of the CN3. SDHC cards can not be used to update or upgrade the computer.

IP30 RFID Readers
WM 6.1 does include support for the USB and Bluetooth IP30 RFID handle.

Microsoft System Center Mobile Device Manager (SCMDM)
Customers experiencing issues with SCMDM should contact Intermec Product Support to ensure proper system configuration.

Application Support
Features Demo
The Features Demo application is available on the download site mentioned above, as well as, through the Scan-to-Load feature.

SR and User Content Install
The SmartSystems transfer agent has been updated to allow for automatic SR installation on cleanboot and for custom user install steps.

SR Install
Cabfiles placed in a \Flash File Store\SSPB\Srs folder will be installed after the SSPB is installed on a clean boot.

The process of a cleanboot is now: *initial boot* -> SSPB install -> *reboot* -> DCE install -> SRs copied to cabfiles -> *reboot* -> SRs installed -> *reboot if required*

User Content Install

The SmartSystems transfer agent will now look for a folder called UserAutoInstall on the flash file store then proceed to execute any _sstransferagent.xml located in that folder. This allows users to hook into the transfer agent install process and have applications or configurations applied on a clean boot. This _sstransferagent.xml needs to be created and it is recommended to use the one located in FFS\SSPB as a starting template.

Transferagent will check for the xml file each time the system boots but will only execute the file one time once found.

The process of a cleanboot is now: *initial boot* -> SSPB install -> *reboot* -> DCE install -> SRs copied to cabfiles -> User content xml run -> *reboot* -> contents in \cabfiles installed -> *reboot if required*

Known Errata

Below are the currently known issues with the CN3. Please contact Product Support for more details.

ID	Description Summary	Systems
25990	Changing the 802.11 channel requires a reboot to take effect.	802.11
26199	802.11 will always turn on after a reboot unless it is disabled with Iconnect.	802.11
28388	It is recommended to uninstall the Funk Supplicant with InstallSelect located in the windows directory if Microsoft Zero config is used.	802.11
28173	The audio snap-on adapter is not recommended for phone use.	Audio GPRS
27449	Installing Avalanche may fail and result in a "Missing Registry Keys" error requiring Avalanche to be re-installed.	Avalanche
25896	Connecting BT devices may display "Cannot Connect" error message after pass code is entered. The device is actually connected and no additional action is required.	Bluetooth
31507	If the GPS hardware com port setting is restored to defaults through Intermec Settings, it will not be correct. Please reset it to COM 3 via the External GPS application found under System Settings.	GPS
26560	Scanning Plessey or Matrix 2of5 barcodes over 20 characters will cause an error requiring the device to be rebooted.	Scanner
27885	USB Card readers attached to the CN3 will need to be reconnected after a reboot.	USB

Version History

Release Type	Version	Date Available
2nd **Release:**	4.30.31.0014 7.00.36.0548	11/2009
Initial Release:	4.00.20.0036 6.00.05.0404	9/2008