Software Release Notes

CN3 Series v 3.25

Windows Mobile 5.0 Premium
Windows Mobile 5.0 GPRS
Windows Mobile 5.0 CDMA

Overview

This release was completed to "roll up" specified SR cabfiles, implement full suspend on CDMA, and add other functionality listed below.

Supported Hardware

All CN3 and CN3E configurations.

Version numbers

Component	Current Version	Previous Version
OS	3.25.15.0141	3.23.13.0055
SSPB (SmartSystems Platform Bundle)	5.50.23.0362	5.30.13.0265

SSPB Components (SmartSystems Platform Bundle)	Current Version	Previous Version
Wavelink Enabler	4.02-27	3.50-51
Funk Supplicant	2.01.02.0263	2.01.00.241
CCX Version	v4	v3
SSRef Client	3.31.03.0391	3.20.00.0249
DCE	5.03.59.2363	5.02.55.1967
DHCP Client	1.2.1.1	1.1.14
IBI	5.01.00.0005	4.03.00.005
IGPS	1.0.0.6	1.0.0.5

New Functionality

- CDMA full suspend/resume
- SDHC SD card support
- Snap-On adapter support: RS232/DEX, Ethernet, Audio, USB host/client
- Persistent screen calibration
- Iconnect control of phone and Bluetooth power
- CCX v4
- SR and User content install support
- IP30 RFID reader support
- PW50 Support
- Automatic download of extended ephemeris data

Defects Fixed In This Build

ID	Description Summary	Systems
25311	Avalanche must be installed manually on WAN terminals	Avalanche
25585	Suspending with the camera preview window up will increase the likelihood of a blank or scrambled preview screen and incorrect photos.	Camera
25588 25633	Camera preview window blank or scrambled when first launched.	Camera
22403	GPRS device will enter unattended mode without a SIM present. This will leave the device in a higher power state and drain the battery. When operating without a SIM it is recommended to put the device in Flight Mode to disable the WAN radio.	GPRS
21104	The GPRS terminal may wake up from a suspend when the radio receives information from the network.	GPRS
23338	While in user idle, CDMA will not wake on SMS messages	CDMA
22659	After upgrading the operating system on a computer, it may be necessary to remove the battery for 10 minutes if the touch screen does not allow calibration.	Touchscreen
23643	WAAS and GPS power management are not compatible and can not be enabled at the same time. In the control panel Fix Interval must be zero or Enable WAAS/EGNOS must be disabled.	GPS
23265	CDMA devices will automatically reboot when the battery is replaced.	CDMA
23525	If "keep audio connected at suspend" is checked in the Bluetooth Audio control panel GPRS devices will not receive phone calls while in suspend.	GPRS
25118	Application settings can not be changed from a backup in SmartSystems	SmartSystems
25100	Refreshing Intermec settings multiple times can cause an SSClient error. A reboot is required to recover.	Intermec Settings
24669	Power profiling – Screen off time must be set with the power profile applet instead of Intermec Settings	Intermec Settings

SRs Included In This Build

SR07111900_AUD_CK61WM50_ALL
SR08011600_AUD_CN3WM50_ALL
SR07120400_BTH_CN3WM50_ALL
SR07120300_REG_CN3WM50_ALL
SR07113000_EBT_CN3WM50_ALL
SR07071200_KEY_CV30WM50_ALL
SR08011600_USBF_CN3WM50_ALL
SR08021200_SD_CN3WM500_ALL
SR08040900_SER_CN3WM50_ALL
SR08042800_SER_CN3WM50_ALL

Additional Information

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

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
Upgrades are only supported from the last previously released version. 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 the computer.

CDMA Full suspend/resume
The CDMA versions of the CN3 and CN3e handhelds now support the standard full suspend mode. To support this mode it is necessary to update the radio firmware by downloading and installing the appropriate cab for your provider. **Review the upgrade procedure included with the firmware prior to upgrading. Incorrect installation may damage your radio.**

Verizon
http://epsfiles.intermec.com/eps_files/eps_devsupport/builds/CN3_CDMA_4.04.03_Verizon_firmware.zip

Sprint
http://epsfiles.intermec.com/eps_files/eps_devsupport/builds/CN3_CDMA_4.04.02_Sprint_firmware.zip

Telus
http://epsfiles.intermec.com/eps_files/eps_devsupport/builds/CN3_CDMA_4.04.01_Telus_firmware.zip

Bell Mobility
http://epsfiles.intermec.com/eps_files/eps_devsupport/builds/CN3_CDMA_4.04.01_Bell_Mobility_firmware.zip

AllTel
http://epsfiles.intermec.com/eps_files/eps_devsupport/builds/CN3_CDMA_4.04.01_Alltel_firmware.zip

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*

Errata

ID	Description Summary	Systems
27684 27457	When trying to reboot, the device may not reboot successfully and result in the reset button to be pushed.	Power Management
27751	DHCP client will fail to request a new IP when manually renewed.	DHCP
28020	The audio snap-on adapter is not recommended for phone use with GPRS.	Audio GPRS
27600	Suspending a CDMA terminal while attached to a PW50 will cause DEX to be non-functional and require the terminal to be removed from the PW50, suspended/resumed and placed back into the PW50.	DEX
27641	Scanning plessy or Matrix 2of5 barcodes over 20 characters will cause an error requiring the device to be rebooted.	Scanner
27617	USB Card readers attached to the Cn3 will need to be reconnected after a reboot.	USB
26728	Installing Avalanche may fail and result in a "Missing Registry Keys" error requiring Avalanche to be re-installed.	Avalanche
26910	SDHC Cards can not be used to upgrade the device	SD Card
Prior Issues		
23318	Playback of video recorded with the camera may be shaky.	Camera
20635	If system audio is routed to the Bluetooth headset prior to a phone call, the audio will be routed to the system speaker after the call.	Audio
23521	MicroPDF417 and Codablock A are mutually exclusive and only one should be enabled at a time.	Scanner
25412	Avalanche does not work on Korean language OS	Avalanche

Version History

Release Type	Version	Date Available
OS Release **SSPB Release**	3.25.15.0141 5.50.23.0362	7/25/2008
OS Release	3.23.13.0055 5.30.13.0265	12/3/2007
OS Release **SSPB Release**	3.21.13.0041 5.30.13.0265	10/17/2007
OS Release **SSPB Release**	3.20.13.0019 5.25.12.0221	6/25/2007
OS Release **SSPB Release**	3.10.09.0057 5.00.00.0213	4/12/2007
OS Release **SSPB Release**	3.10.09.0053 5.00.00.0209	4/02/2007
OS Release **SSPB Release**	3.00.03.0080 5.00.02.0096	12/14/2006
Initial GPRS Release:	3.00.03.0061 5.00.02.0090	11/17/2006
Initial Premium **Release:**	3.01.06.0047 5.00.02.0085	11/08/2006