

# Software Release Notes

CN4  
 OS Series v4.41  
 SSPB Series v7.00

Windows Mobile 6.1 Professional (UMTS)

## Overview

This is the second release of Windows Mobile 6.1 and Intermec Value Add for the CN4 UMTS series handheld computers.

## Supported Hardware

All CN4A and CN4E UMTS configurations.

## Version numbers

Component	Current Version	Previous Version
OS	4.41.32.0018	4.20.29.0031
SSPB (SmartSystems Platform Bundle)	7.00.36.0555	7.00.36.0521

OS Components	Current Version	Previous Version
WLAN	1.1.3.41	1.1.3.41
WWAN - UMTS	1.1.4.8	1.1.4.8
SS reference client	3.46.07.0645	3.44.07.0628
GPS	GSWLT3.5.0_3.5.00.00-CL31P2.00	GSWLT3.5.0_3.5.00.00-CL31P2.00
PIC	2.32F	2.32D

SSPB Components (SmartSystems Platform Bundle)	Current Version	Previous Version
IVA cab file	IVA_5.06.72.3198	IVA_5.05.73.3131
Intermec Settings	Intermec_Settings_5.50.10.1155	Intermec_Settings_5.50.09.1078
Bluetooth cab file	5.06.72.3171	5.05.40.2927
Funk Supplicant cab file	FS_2.01.02.0302	FS_2.01.02.0302
Wavelink Enabler	4.06-22	4.06-22
InstallSelect cab file	IVA_5.06.72.3198	IVA_5.05.73.3131
Intermec DHCP cab file	1.2.6	1.2.6
IDL cab file	CESDK_4.02.00.1638	CESDK_3.02.00.1455
Printer Configlet cab file	2.10.13	2.10.11
ITC Auto cab file	3.00.00.23	3.00.00.23
Printer Support cab file	3.0.0.24	3.0.0.24
Document Capture (EMDI) cab file	1.01.00.0003	1.00.00.0024
Image Capture cab file	1.00.00.0021	1.00.00.0014
Power Profiler CPL	1.0.0.12	1.0.0.11
iGPS CPL	1.0.0.9	1.0.0.9

## New Functionality

- None for this second release of CN4 UMTS series.

## Defects Fixed In This Build

ID	Description Summary	Systems
31341	EMDI settings not syncing with Intermec Settings.	EMDI
31317 31320	No illumination possible from scanner when image capture is first opened.	Image Capture
31491 31492	Saved image issues with Image Capture application.	Image Capture
30864	Enabling Authentication from Intermec Settings for a connected Bluetooth printer.	IBI
30575	Add Image Capture settings to Intermec Settings.	Intermec Settings
30985 31011 31049 31180	Busy Icon displays when hiding some items in Intermec Settings.	Intermec Settings
31106 31107	Clock syncing issues with Intermec Settings.	Intermec Settings
30962	Reset Factory Defaults Ex Easy Set Label not resetting all defaults.	IVA
31339	Power Profiler not syncing with Intermec Settings.	Power Profiler
31461	Ensure all file system transactions are closed properly before powering down the SD Card on suspend.	SDMMC
02530	SmartSystems information not restoring to defaults.	SmartSystems
03696	Auto Provisioning failure on multiple devices.	SmartSystems
31459	EMDI slow to launch unlicensed version.	SmartSystems
30591	DTMF tone issues if using the SIP to dial the phone.	WWAN

## SRs Included In This Build

- None for this second release of CN4 UMTS series.

## Additional Information

The CN4 series handheld computer manual can be located at:  
[www.intermec.com](http://www.intermec.com) | Products | CN4 | Manuals

All downloads for the CN4 series handheld computer can be located at:  
[www.intermec.com](http://www.intermec.com) | Products | CN4 | Downloads

### Installation Instructions

SSPB – Please see the document included with the SSPB bundle  
OS – Please see the document included with the OS bundle

### SmartSystems Upgrade

Smartsystems Console 3.50 must be used for upgrading and configuring CN4 WM 6.1 devices.

### Application Support

#### Features Demo

The features demo application is available for download on the Intermec Software download site, as well as, through the Scan-to-Load feature. Instructions for Scan-to-Load are located on the product page.

### 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 CN4. Please contact Product Support for more details.

ID	Description Summary	Systems
26199	802.11 will always turn on after a reboot unless it is disabled with lconnect.	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
29213	Using the Microsoft Supplicant, Wi-Fi will not connect while the device is in an AD11 Ethernet Quad Dock.	802.11
29840	A static IP address will need to be assigned when in Adhoc mode.	802.11
30029 30053	Microsoft Supplicant may have authentication errors with TLS 802.1x.	802.11
30058	Microsoft Wireless Manager unable to refresh the Zero-Config profile when turn off and turn on WiFi radio.	802.11
30089	Connection icon not refreshed to show current status when 802.11 connection is lost, but Ethernet connection remains. Same with the other way around.	802.11 Ethernet
31462	Using Microsoft Supplicant and setting the security for WPA-TLS (or other security types that use server certificates), you can initially connect but after a reboot, an error message for Server Certificate validation error may appear.	802.11
31623 31624	Reboot of the device is required for changes in connection settings to take effect when set with an external Device Management System like SmartSystems.	802.11 Ethernet
30004	Alarm does not sound when set to "Sound alarms even when the device is set to silent or vibrate".	Alarm
30584	Attaching power to snap-on audio adapter may degrade audio from an external microphone.	Audio
30876	Must use Speakerphone on the device if using the phone while in a vehicle dock.	Audio
27449 30456	Installing Avalanche may fail requiring Avalanche to be re-installed.	Avalanche
25896 29883	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
29690	When beaming a file, the Bluetooth search window will exit when a Bluetooth passcode prompt is displayed.	Bluetooth
30055	Paired handhelds may not show the paired relationship in the Bluetooth control panel.	Bluetooth
31621	Running programs like CoPilot Live with a BT headset attached can introduce static in the audio at times. Headsets with newer background noise reduction technology work best.	Bluetooth
29231	Camera video is uneven when played back on a PC	Camera

30778	Easysset labels cannot be read with Multicode enabled	Data Collection
30962	Reset Factory Defaults Ex Easy Set label does not reset EA21 internal scanner settings to defaults. Must use individual Easy Set labels or Intermec Settings instead.	Data Collection
30484	Exchange server connection may fail after being out of coverage using WWAN data connection. Use sync setting of 'every 5 minutes' instead of 'as received'.	Email
31682	Storage Location for EMDI and Image Capture applications will accept "\\My Documents\" but not "\\My Documents".	EMDI Image Capture
29717	Partial FTP file transfers possible if disconnect device while transferring.	FTP
30092	Intermec Settings may become slow to respond after restore all defaults.	Intermec Settings
30527	Intermec Settings length mode not persisting for Bluetooth scanners.	Intermec Settings
31513 31610	Restore Defaults on Intermec Settings is not restoring all defaults in a couple areas: The GPS EE Data File Location remains as set instead of returning to <a href="ftp://epsfiles.intermec.com/eps_files/SWFiles/Sif22.cee">ftp://epsfiles.intermec.com/eps_files/SWFiles/Sif22.cee</a> , and the Profile Label remains as set in 802.11 > Funk Security instead of returning to "Profile_1".	Intermec Settings
26560	Scanning Plessey or Matrix 2of5 barcodes over 20 characters will cause an error requiring the device to be rebooted.	Scanner
30866	Reflective surface can corrupt the perspective of captured signature images	Signature Capture
27885	Some USB card readers may need to be reconnected after rebooting the device.	USB
30395	Some USB flash drives may be slow to be recognized and may need to be reinserted after resuming the device.	USB

## Version History

<b>Release Type</b>	<b>Version</b>	<b>Date Available</b>
<b>Initial Release:</b>	4.20.29.0031 7.00.36.0521	7/2009
<b>2<sup>nd</sup> Release:</b>	4.41.32.0018 7.00.36.0555	3/2010