

# Migration Guide for Intermec CN51 from CN50

## Current Mobile Computer

CN50

August 21, 2013



## Current Customer Situation

- Current product hardware technology is 4+ years old
- Current product operating systems were designed for keypad-centric applications and can't take advantage of newer processor architectures and more memory
- Smartphones running Android and iOS are very popular with consumers, more display-centric with rich graphical user interfaces and many useful applications, and users are asking why they can't have those same capabilities on their work device
- Requests for WLAN-only configurations
- Appreciate the value of rugged, on-the-job ergonomics & battery life
- Can't afford to disrupt operations

### CN51 Enhanced Features vs. CN50

Windows Embedded Handheld 6.5 (WEH6.5) and Android 4.1 OS options (vs. Windows Mobile 6.1 and WEH6.5) with TI 1.5 GHz OMAP4470 dual core multi-engine processor (vs. Qualcomm MSM 7600 528 MHz multi-processor architecture)

Larger 4.0 inch multi-touch display with WVGA (480 x 800 pixels) resolution (vs. 3.5 inch single-touch display with QVGA (240 x 320 pixels) resolution)

Increased memory, 1 GB RAM / 16 GB Flash (vs. 256 MB RAM / 512 MB Flash)

WLAN-only (802.11 a/b/g/n) configurations (not available with CN50)

EA30 and EA31 imager/scanner options (vs. EA21 and EA11)

Smart battery (not available on CN50)

Device Health Monitoring (not available on CN50)

CloneNGo Support (not available on CN50)

CN50 accessory support

### CN51 Total Benefit of Ownership

The WEH6.5 operating system and the option for an HTML5 browser provide the perfect bridge to new hardware designs and applications. The CN51 with the Texas Instruments OMAP4 processing capability provides the latest in system performance and power efficient architectures and the option for Android 4.1, rugged with enterprise enhancements, means investment protection for an extended useful life of the device. Customers have the capability to switch to Android on the CN51 to implement new applications for achieving their business objectives.

Designed for a superior user experience, the CN51's large, multi-touch, outdoor readable screen provides ample room for application viewing with less scrolling and greater productivity, as well as more space for capturing more legible signatures.

Four times the RAM and up to thirty-two times the FLASH combined with the OMAP processor allows for faster application execution and more on-board non-volatile memory reduces the need for removable memory.

802.11n improves connectivity and network performance in fringe or weak signal environments like warehouses where inventory is constantly changing.

The CN51's high performance imagers provide optimal barcode scanning capabilities even in low light scanning environments with unmatched motion tolerance and snappy scanning to eliminate costly delays and user frustration during scan-intensive applications.

The CN51's smart battery technology provides the capability to avoid premature battery replacement and extend the useful life of the battery by up to 50%.

25%-30% of service repairs are logged as no trouble found (NTF). On-board health monitoring on the CN51 provides insight into actual failure type, curtailing NTF incidents. Includes battery health by tracking impedance for intelligent battery management, avoiding premature replacement and extending life up to 50%.

Simplified, license-free, predictable, hands-free device configuration for faster deployment and maintenance.

CN51 supports the majority of the existing CN50 accessories including charging, docking, snap-on adapters, vehicle docks, communication, and FlexDock accessories.

**Worldwide Except NA, LATAM, Australia, and New Zealand**

Current CN50B Configurations	New CN51 Configurations	Keyboard	WAN	Language	CN50 Imager	CN50 O/S	CN51 O/S	CN51 Imager	CN51 Camera
CN50BNU1EN20	CN51AN1KCU2W1000	Numeric	UMTS/HSUPA	English	EA21	WM6.1	WEH6.5	EA30	Y
CN50BNU1LP20	CN51AN1KCU2W3000	Numeric	UMTS/HSUPA	All	EA21	WM6.1	WEH6.5	EA30	Y
CN50BNU1EN21	CN51AN1SCU2W1000	Numeric	UMTS/HSUPA	English	EA11	WM6.1	WEH6.5	EA31	Y
CN50BNU1LP21	CN51AN1SCU2W3000	Numeric	UMTS/HSUPA	All	EA11	WM6.1	WEH6.5	EA31	Y
CN50BNU1E220	CN51AN1KCU2W1000	Numeric	UMTS/HSUPA	English	EA21	WEH6.5	WEH6.5	EA30	Y
CN50BNU1L220	CN51AN1KCU2W3000	Numeric	UMTS/HSUPA	All	EA21	WEH6.5	WEH6.5	EA30	Y
CN50BNU1E221	CN51AN1SCU2W1000	Numeric	UMTS/HSUPA	English	EA11	WEH6.5	WEH6.5	EA31	Y
CN50BNU1L221	CN51AN1SCU2W3000	Numeric	UMTS/HSUPA	All	EA11	WEH6.5	WEH6.5	EA31	Y
CN50BQU1EN20	CN51AQ1KCU2W1000	QWERTY	UMTS/HSUPA	English	EA21	WM6.1	WEH6.5	EA30	Y
CN50BQU1LP20	CN51AQ1SCU2W3000	QWERTY	UMTS/HSUPA	All	EA21	WM6.1	WEH6.5	EA31	Y
CN50BQU1EN21	CN51AQ1SCU2W1000	QWERTY	UMTS/HSUPA	English	EA11	WM6.1	WEH6.5	EA31	Y
CN50BQU1LP21	CN51AQ1SCU2W3000	QWERTY	UMTS/HSUPA	All	EA11	WM6.1	WEH6.5	EA31	Y
CN50BQU1E220	CN51AQ1KCU2W1000	QWERTY	UMTS/HSUPA	English	EA21	WEH6.5	WEH6.5	EA30	Y
CN50BQU1L220	CN51AQ1SCU2W3000	QWERTY	UMTS/HSUPA	All	EA21	WEH6.5	WEH6.5	EA31	Y
CN50BQU1E221	CN51AQ1SCU2W1000	QWERTY	UMTS/HSUPA	English	EA11	WEH6.5	WEH6.5	EA31	Y
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CN50BNC5EN20	CN51AN1KCF1W1000	Numeric	CDMA Sprint US	English	EA21	WM6.1	WEH6.5	EA30	Y
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