Maximize Every Minute
To stay ahead in today’s highly competitive business environment, warehouse operations managers need to contain costs and gain additional efficiencies wherever possible. The Intermec CV41 vehicle-mount computer provides the ideal balance of operator usability, application performance, and ease of deployment and maintenance—all of which leads to improved forklift operator performance and gives you a true business edge.

The CV41 delivers the freedom and flexibility to work the way you want. It is perfectly-sized for forklift applications, reducing visual obstruction and simplifying installation compared to full-screen devices. It is easy to standardize across your forklift fleet and resilient enough to handle tough distribution center environments. In addition, the CV41 offers the accuracy, productivity, and safety of hands-free voice directed work. In fact, it is the only Windows® CE vehicle-mount computer on the market with Vocollect VoiceCatalyst.

In a day where every second counts, the innovative on-off ignition sensing guarantees the CV41 is ready to work the moment your operator turns the key. When your operator needs to switch forklifts, the UPS back-up battery reduces reconnect and reboot time while a unique quick-mount dock design allows for easy, one-hand docking and undocking of the CV41. The touchscreen and keyboard are also designed to be field replaceable, so it is easy to fix damaged or worn items without having to box up and mail in for service.

The CV41 seamlessly integrates with any forklift, any network, any facility, anywhere in the world. Its comprehensive network options include 802.11a/b/g with Cisco® CCxv4 certification and integrated Bluetooth® for best-in-class wireless range, roaming reliability and security—even in areas where you might experience low signal levels or intermittent connections. The CV41 also comes with the option of a Qualcomm Gobi WWAN/GPS wide-area radio for connectivity beyond the four walls of your facility.
Flexible Features
Sped by an efficient 1.6 GHz Intel® Atom Z530 processor, the CV41 features the Microsoft Windows CE 6.0 operating system for application development flexibility. The 20 cm (8 in) WVGA (800x480) LED-backlit display also supports an optional brighter outdoor display.

Built to withstand extreme temperatures, the CV41 operates across -30°C to +50°C (-22°F to +122°F) and also supports an optional touchscreen defroster for cold storage and freezer environments.

Migration Made Easy
If you currently have Intermec vehicle mount computers in use, the CV41 provides the quickest and easiest migration path to replace aging equipment. Workers will find the CV41 comfortable, familiar and easy to master as the keypad layout is consistent with the entire Intermec mobile computer line. Included with the CV41, the Intermec Client Pack terminal emulation and industrial browser software provides fast, reliable and secure connection to your warehouse management system. In addition, Intermec developer toolkits save you time in migrating your application software and deploying in multi-device environments.

Best of all, the CV41 is just one element of the most comprehensive warehouse logistics solution available from a single company—extending your choices, simplifying IT support and providing you all the services you’ll need down the road.

Environmental
Operating Temperature: -30° to +50°C (-22° to 122°F)
Storage Temperature: -30° to +60°C (-22° to +140°F)
Optional screen defroster recommended for cold storage
Rain & Dust Resistance: IP66
Crash: SAE-J 1455

Power Supply and UPS
Integrated 10-60 VDC isolated power supply
Optional external power converters:
• AC input for 90-240 VAC
• Extended range DC input for 60-150 VDC
Integrated Uninterruptible Power Supply (UPS)
• Field-replaceable, rechargeable lithium-ion, 30 minutes life at -20° C

Operating System
Microsoft Windows® CE 6.0

Hardware
Memory: 1 GB DDR2 SDRAM
Mass Storage: 1GB flash with user installable expansion slot supporting additional 1-4GB SD card
Microprocessor: Intel® Atom Z530 1.6GHz
Display: 20 cm (8 in) WVGA 800x480 LED backlit display
Standard:
• 400 NIT indoor display
• Light sensor for automatic brightness adjustment
• Field-replaceable resistive touchscreen, glove compatible
Optional:
• 900 NIT outdoor display
• Touchscreen defroster
• Screen blanking
Keypad:
Backlit 64 key QWERTY keyboard with number pad and 10 function keys, universal keyboard overlay legend supports VT220, 3270, 5250, all keys (except modifiers) mappable

Software
Device Management: Intermec SmartSystems™ support includes ScanNGo provisioning for use alone or with device management software from Intermec ISV’s
Device Health Monitoring: Onboard diagnostics application; Remote access capability (requires Intermec ISV partners)
Application Development: Intermec Developer Library www.intermec.com/dev
Host Connectivity: Factory loaded Intermec Client Pack with Intermec Terminal Emulation (VT220/ANSI, 3270, 3270), and Intermec Lock-Down Industrial Browser

Integrated Radios
Wireless LAN: 802.11 a/b/g
Security: WiFi Certified; WPA and WPA2 Security Authentication: 802.1x

Environmental:
Radio:
Integrated Bluetooth 2.0+EDR, Class II
Integrated Windows® CE 6.0	OS
Integrated Uninterruptible Power Supply (UPS)

Cisco Compatibility: CCXv4 Certified
Antenna: Dual internal antennas or optional dual external antennas
Optional Gobi 2000™ WWAN/GPS Radio: Dual external antennas, Data only, A-GPS included
UMTS/HSPA: 3.75G Release 6, 800, 850, 900, 1900 & 2100 MHz frequency bands, GSM/GPRS/EDGE compatible
CDMA: EV-DO Release A, 800, 1900 MHz frequency bands
Bluetooth: Integrated Bluetooth 2.0+EDR, Class II

Data Collection Scanner Support
• Tethered serial scanner (+5V powered)
• TetheredUSB bar code scanner
• Tethered RFID reader
• Bluetooth

Voice and Audio Support
• Supports Vocool VoiceCatalyst with wireless headset
• Supports VoIP and push-to-talk applications from Intermec ISV partners
• Integrated microphone
• Integrated stereo speakers with adjustable volume control

Interfaces
1 USB 2.0 Host Port, 1 USB 1.1 Client Port, 2 RS-232 COM ports, 1 CAN-BUS port, 1 Headset port, DC power input and ignition input, RF Antenna ports for WiFi(2), WWAN (1) & GPS (1)

Lifecycle Solutions and Services
Intermec Global Services provides customers and partners with best-in-class lifecycle solutions and services. Get INControl™ with robust device-management solutions. Protect your investment with Intermec Medallion® Support Services. For more information about Intermec’s lifecycle solutions and services, please visit us at http://www.intermec.com/services

Accessories
Multiple RAM® mounted options, screen blanking unit, data and adapter cables, removable antenna kits, bar code scanners (tethered and wireless), printers and media

Regulatory Approvals and Compliance
Safety: UL 60950-1, CSA C22.2 no. 60950-1, EN 60950-1, IEC 60950-1
Emissions:
FCC Part 15, subpart B, class A; EN 55022, Class A
Buandaries:
UL 60950-1, CSA C22.2 no. 60950-1, EN 60950-1, IEC 60950-1

Field Technician Replaceable/Installable Components
• Keyboard
• Touchscreen
• UPS Battery
• Expansion SD card

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