

The logo for Intermec, featuring the word "Intermec" in a bold, sans-serif font. The letter "I" is stylized with a diagonal slash through it. The logo is positioned on the left side of the page, partially overlapping a large, light gray circular graphic that resembles a stylized atom or a complex orbit.

Intermec



Instructions

CV60 Recovery CD

Intermec Technologies Corporation
Worldwide Headquarters
6001 36th Ave.W.
Everett, WA 98203
U.S.A.

Technical Communications
550 Second Street SE
Cedar Rapids, IA 52401
U.S.A.

www.intermec.com

The information contained herein is provided solely for the purpose of allowing customers to operate and service Intermec-manufactured equipment and is not to be released, reproduced, or used for any other purpose without written permission of Intermec Technologies Corporation.

Information and specifications contained in this document are subject to change without prior notice and do not represent a commitment on the part of Intermec Technologies Corporation.

© 2003-2006 by Intermec Technologies Corporation. All rights reserved.

The word Intermec, the Intermec logo, Norand, ArciTech, Beverage Routebook, CrossBar, dcBrowser, Duratherm, EasyADC, EasyCoder, EasySet, Fingerprint, i-gistics, INCA (under license), Intellitag, Intellitag Gen2, JANUS, LabelShop, MobileLAN, Picolink, Ready-to-Work, RoutePower, Sabre, ScanPlus, ShopScan, Smart Mobile Computing, TE 2000, Trakker Antares, and Vista Powered are either trademarks or registered trademarks of Intermec Technologies Corporation.

There are U.S. and foreign patents as well as U.S. and foreign patent applications pending.

Document Change Record

This page records changes to this document. The document was originally released as Revision A.

	Date	Description of Change
C	07/2006	Written for version 2.00 (RoHS), these instructions replaced PowerQuest information with Symantec Ghost information.

Contents

- Before You Begin iv
 - Safety Information iv
 - Global Services and Support iv
 - Who Should Read These Instructions? vi
- Introduction 1
 - Using Network Connections to Restore an Image 1
 - Client (CV60 PC) 1
 - Server (Personal Computer) 1
 - CD-ROM Drive Sharing 1
 - File Sharing on your Server (Personal Computer) 2
 - Creating a Bootable Floppy Disk 2
 - Creating a Custom Image Restore Floppy 3
 - Running the Boot Floppy Disk Restore on the CV60 4
 - Restoring an Image on the CV60 (Using the CD-ROM) 4
- Booting 5
 - Warm Boot 5
 - Cold Boot 5

Before You Begin

This provides you with safety information, technical support information, and sources for additional product information.

Safety Information

This section explains how to identify and understand notes that are in this document..



Note: Notes either provide extra information about a topic or contain special instructions for handling a particular condition or set of circumstances.

Global Services and Support

Warranty Information

To understand the warranty for your Intermec product, visit the Intermec web site at www.intermec.com and click **Service & Support**. The Intermec Global Sales & Service page appears. From the Service & Support menu, move your pointer over **Support**, and then click **Warranty**.

Disclaimer of warranties: The sample code included in this document is presented for reference only. The code does not necessarily represent complete, tested programs. The code is provided “as is with all faults.” All warranties are expressly disclaimed, including the implied warranties of merchantability and fitness for a particular purpose.

Web Support

Visit the Intermec web site at www.intermec.com to download our current manuals (in PDF). To order printed versions of the Intermec manuals, contact your local Intermec representative.

To download a PDF manual

- 1 Visit the Intermec web site at www.intermec.com.
- 2 Click **Service & Support > Manuals**.
- 3 In the **Select a Product** field, choose the product whose documentation you want to download.

Visit the Intermec technical knowledge base (Knowledge Central) at intermec.custhelp.com to review technical information or to request technical support for your Intermec product.

Telephone Support

These services are available from Intermec Technologies.

Service	Description	In the U.S.A. and Canada, call 1-800-755-5505 and choose this option
Order Intermec products	<ul style="list-style-type: none"> • Place an order. • Ask about an existing order. 	1 and then choose 2
Order Intermec media	Order printer labels and ribbons.	1 and then choose 1
Order spare parts	Order spare parts	1 or 2 and then choose 4
Technical Support	Talk to technical support about your Intermec product.	2 and then choose 2
Service	<ul style="list-style-type: none"> • Get a return authorization number for authorized service center repair. • Request an on-site repair technician. 	2 and then choose 1
Service contracts	<ul style="list-style-type: none"> • Ask about an existing contract. • Renew a contract. • Inquire about repair billing or other service invoicing questions. 	1 or 2 and then choose 3

Outside the U.S.A. and Canada, contact your local Intermec representative. To search for your local representative, from the Intermec web site, click **Contact**.

Who Should Read These Instructions?

These instructions are written for the person who is responsible for installing, configuring, and maintaining the CV60 Vehicle Mount Computer. These instructions provide you with information on how to install, configure, and troubleshoot the recovery of the CV60.

Before you work with the recovery CD, you should be a trained service person or one familiar with forklift truck service and maintenance.

Introduction

The CV60 Recovery Tools CD-ROM restores the partition on a CV60 Vehicle Mount Computer. The CV60 Recovery Tools CD can be shared from a server and executed on a client CV60 PC. More specifically, the CV60 Recovery Tools CD can:

- When used with *Symantec Ghost*, you can take a snapshot of a CV60 main hard drive partition and convert the image to a Ghost (GHO) file to restore on other systems. *You must install a full copy of the Symantec Ghost Solution Suite onto the server.*
- Update the CV60 partition with any provided GHO file.



Note: This folder must be shared between the CV60 Computer and the server. For example, “C:\CV60base\Update.”

Using Network Connections to Restore an Image

Client (CV60 PC)

The client CV60 must have the following before doing the network recovery partition:

- Phoenix BIOS version 1.21 or later
- 10BaseT connection to a Network
- an attached PS/2 keyboard
- a USB floppy drive

Server (Personal Computer)

The server must have a 10BaseT/100BaseT connection to a NetBEUI or TCP/IP network and can be running Windows 2000 or XP before restoring Windows CE, XP Professional, or XP Embedded on the CV60 Computer.

CD-ROM Drive Sharing

Share the contents of the CV60 Recovery CD among the client CV60s. *Note that drive D:\ is used for this example.* Insert the CV60 Recovery CD-ROM in the server CD-ROM drive, then do the following to share the drive:

- 1 From the Windows desktop, double-click **My Computer**, then right-click the CD-ROM drive for a pop-up menu.
- 2 Select **Sharing** to access the CD-ROM Properties window, then click **Shared As** to enable the applicable fields. Type

“CDROM” for the share name, click OK to quit, then exit My Computer.


File Sharing on your Server (Personal Computer)

Copy the **Images** and **Bin** folders from the Recovery Tools CD ROM to your hard disk for sharing. Share the folder to which you copied them.

Creating a Bootable Floppy Disk

1 Insert the CV60 Recovery CD into your CD-ROM drive.

CV60 Mobile Computer Recovery Tools CD



Please read the following license agreement carefully.
Scroll down to see the rest of the agreement.

INTERMEC END USER LICENSE AGREEMENT

Important: Carefully read this End User License Agreement (EULA) before installing or using the Software. You may use the Software only if you agree to be bound by the terms of this EULA. If you do not agree to the terms of this EULA, you may NOT use the Software and you MUST return the Software and/or the equipment on which it is installed to Intermec for a refund.

ANY INSTALLATION OR USE OF THE SOFTWARE INDICATES YOUR AGREEMENT TO BE BOUND BY THE TERMS AND CONDITIONS OF THIS EULA.

Do you accept the terms of the preceding License Agreement?
If you select No, you will exit the Recovery Tools CD.

- [Yes, I accept this agreement.](#)
- [No, I do not accept this agreement.](#)

2 Select **Yes, I accept the agreement** for the main menu.

3 Select **Create a Bootable Floppy Disk** from the menu to start the Boot Disk Builder application.

CV60 Mobile Computer Recovery Tools CD



Welcome to the Recovery Tools CD-ROM for the Intermec CV60 Mobile Computer.

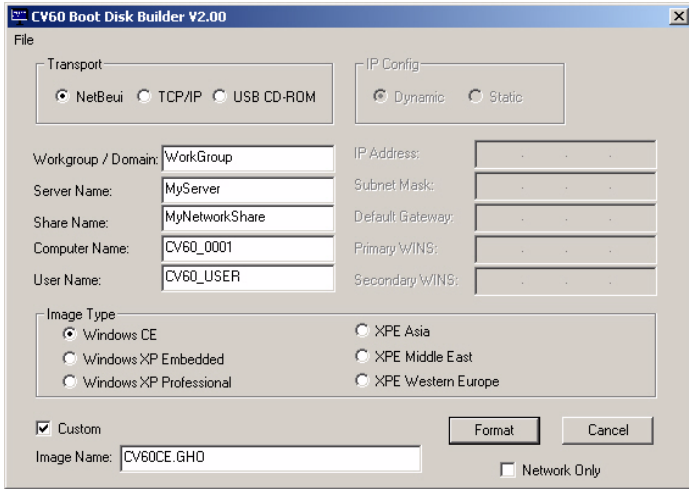
Please make a selection:

- [Create a Bootable Floppy Disk](#)
Create a floppy disk that will recover your CV60 Mobile Computer.
- [View the CV60 Recovery Tools User's Manual](#)
Documentation on how to use the components included on the CV60 Recovery Tools CD.
- [Visit Intermec's Web Site](#)
Learn more about the products and services that Intermec can provide.

[Exit the Tools CD](#)

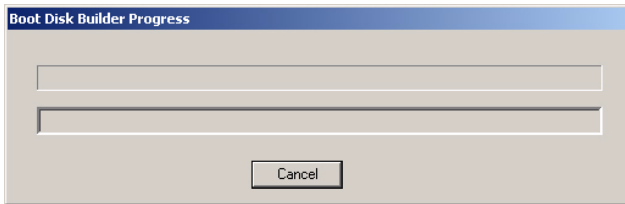
Copyright 2003 Intermec Technologies Corporation. All rights reserved.

- 4 Enter the required information about **Workgroup/Domain**, **Server Name**, **Share Name**, **Computer Name** and **User Name** into the text boxes. This information is saved for network login when you run the floppy disk setup for network restore.



Creating a Custom Image Restore Floppy

- 1 Select an **Image Type** for the operating system.
- 2 Check **Custom** to create a custom image.
- 3 Click **Format** to have Boot Disk Builder create the boot disk.



Note: When building a custom image recovery floppy, you *must* specify a unique image name (other than the default) in the text box.

Running the Boot Floppy Disk Restore on the CV60



Note: The network recovery boot menu will prompt you to enter the user name and password. If the user name is correct, press **Enter** to continue.

- 1 Plug a USB floppy disk drive to one of the USB ports on the CV60.
 - a Check the BIOS settings for floppy disk boot.
 - b Press **[F2]** to enter the setup.
 - c Make sure the setting is at the top of the **Boot** list.
- 2 Place the boot floppy disk into the USB floppy disk drive.
- 3 Boot the CV60.
- 4 The recovery process will prompt you for user name and password list. If you create a password list, the next time you boot from the floppy, it will not ask you for user name and password again.
- 5 The CV60 loads the *Symantec Ghost Utility* from the network location you specified in the Boot Disk Builder menu.
- 6 When the restore is finished, power off the CV60 and remove the USB floppy drive.
- 7 Power the CV60 back on. Your image should be restored.

Restoring an Image on the CV60 (Using the CD-ROM)

- 1 Plug a USB CD-ROM drive to one of the USB ports on the CV60.
 - a Check the BIOS settings for CD-ROM boot.
 - b Press **[F2]** to enter **Setup**.
 - c Make sure the CD-ROM Drive setting is at the top of the **Boot** list.
- 2 Place the Recovery Tools CD into the USB CD-ROM drive.
- 3 Boot the CV60.
- 4 The CV60 will load *Symantec Ghost Utility* from the CD-ROM and restore the image.

- 5 When the restoration is finished, power off the CV60 and remove the USB CD-ROM.
- 6 Power the CV60 back on and your image should be restored.

Booting

If the system freezes or locks up during normal operation, you can reset the system by performing a reboot. The reboot method depends on the desired state of the CV60 PC system.

Warm Boot

Perform a warm-boot when you need to clear the system's memory to run another program but do not want the PC to perform a self-test.



Note: You must have a keyboard or keyboard emulator attached to the system before performing a warm-boot. Terminal emulations remap the keyboard, thus a warm-boot is not possible from within this program.

- 1 Press <Ctrl> + <Alt> + simultaneously on the keyboard to force the system to boot.
- 2 Reload the desired software application, if necessary.

Cold Boot

Perform a cold-boot when the screen is frozen, or the system is otherwise locked up. The cold-boot is essentially a power-up sequence. Press the power ON/OFF switch to shut off the CV60, then press the switch again to reset the CV60 PC back on.



Worldwide Headquarters

6001 36th Avenue West
Everett, Washington 98203
U.S.A.

tel 425.348.2600

fax 425.355.9551

www.intermec.com

CV60 Recovery CD Instructions



P/N 962-054-073C