Saving the configuration settings of the Intermec 7XX PocketPC terminal

The purpose of this document is to describe to users of the Intermec 7XX (710, 720, 750, and 760) terminal a method used to save the terminal configuration to the terminal compact flash card, such that on a cold boot (manual or after a flat battery) the unit may be configured automatically to the settings prior to the cold boot.

The Intermec 7XX terminal utilises the Microsoft PocketPC operating system, when in use the terminal settings are saved to RAM. During the cold boot process the contents of RAM are destroyed. To overcome the issues of reconfiguring the terminal following a cold boot (System settings such as IP address, device preferences, screen calibration), Intermec have released the software tool RegFlush.

The function of RegFlush is to capture a snap shot of the registry settings of the terminal and store the file to the compact flash card. Following a cold boot the system will reload the terminal settings using the RegFlush file. This will now provide time savings in having to configure the terminal to the settings prior to the cold boot.

To activate the RegFlush utility, please use the following steps;

- 1. Load the RegFlush utility to the terminal CABFILES directory using ActiveSync
 - i. Make sure you have an ActiveSync session between the host computer and the terminal.
 - ii. Browser to the terminal from the ActiveSync application using Explore



iii. The host computer will now communicate with the terminal and the following screen will appear on the computer display

			_ [] ×
Help			
当Folders 🥑 🦄	i 🔍 X in) II-	
			• 260
Name /	Size	Туре	Modified
My Packet PC		System Folder	
and the second se			
	122 bytes	Vext Document	6/11/199
	11. 11.		
	🚺 Mobi	le Device	2
	Name Mare My Pocket PC Derivani Templates PPCscipt.tot	Anne / Bize My Packet PC Descand Templates Percentpl.txt 122 bytes	Name Size Type My Packet PC System Polder My Packet PC System Polder Burners File Folder Packanal File Folder Templates File Folder PrCscript.txt 122 bytes

Select My Pocket PC

The host computer will now browse into the terminal.

Go to the folder My Pocket PC -> Storage Card -> CabFiles

iv. Using Windows Explorer on the host computer copy the file regflush.CAB to the terminal CabFiles folder. When this is done the following will be display;

File Conv	version				
•	Microsoft ActiveSync may need to convert files when synchronizing between your mobile device and this desktop computer.				
	Note: A converted file might not contain all information found in the original file.				
	OK Help				

Select OK to continue. The RegFlush program will now be copied to the terminal.

- 2. The next step will be to install the RegFlush program.
 - i. The first step is to select Start -> Programs -> File Explorer



Unique Micro Design Pty Ltd (A.B.N. 29-007-419-490) 200 Wellington Road, Clayton, Victoria 3168, Australia http://www.umd.com.au 7-5010-xxx Page Tel: +61-3-9582-7000 Fax: +61-3-9582-7001 E-mail: umd@umd.com.au DOC-AN-163 Issue 1 - 05/02/2003

🖅 File Explorer	*	12:34 🗙			
🖪 CabFiles 🗸		Name 🚽			
₿внтѕ	1/11/03	2.68M			
😽 ISCPDataColl	9/4/01	1.20M			
🔆 ISCPDevMgmt	9/4/01	1.12M			
netpack	9/4/01	434K			
े regflush	9/11/01	4.34K			
regflushp	9/5/01	4.34K			
			Re rur	0	program

iii. Select the program RegFlush by tapping it once.

3. Once the installation is completed the operator must setup the unit to their requirements.

4. Once the unit is setup to the operator's requirements the next step is to execute the RegFlush utility, such that the configuration may be saved to the compact flash card. Please follow the steps outlined below to execute the RegFlush utility.



Once the program is executed (simply tap the Registry Save), the following screen will appear.



Unique Micro Design Pty Ltd (A.B.N. 29-007-419-490) 200 Wellington Road, Clayton, Victoria 3168, Australia http://www.umd.com.au

Important notes

- 1. When updating the Operating System it will be necessary to delete Registry.sys from the Storage card folder on the terminal. After deleting Registry.sys you can proceed to update the operating system, configure the terminal, and then run the Registry Save program. Deleting Registry.sys will delete the system settings, and this is necessary because of changes that can occur between the old operating system and the new operating system.
- 2. The Registry Save program will not save files extracted to the Pocket PC device, it only saves the registry. Any files that are needed to be reinstalled after a cold boot should be put into a CAB file so they will be automatically extracted on every cold boot.
- 3. The Registry Save program will not restore the system password.
- 4. The Registry Save program only takes a snapshot of the registry, it does not automatically save any future changes to the registry. You must remember to run the Registry Save program after making any system changes that need to be saved.
- 5. The registry is loaded from the Storage card before any CAB files are extracted. A CAB file can overwrite registry entries.
- 6. The RegFlushKey() API and the Registry Save program will only work with Pocket PC 2000 version 2.07 or greater any Pocket PC 2002 version.