



Symbol MC9060: Set Up Wireless Persistent Configuration

The following procedures are for a Symbol MC 9060 with Pocket PC 2003 installed. (Note: T=Terminal, PC=Computer). You will need the following:

- Microsoft ActiveSync connection (cradle, serial adapter, etc.)
- RegSavePPC2003.exe
- Wireless Configuration Information

Cold Boot Terminal and Perform “Welcome” Procedures

- [T] Cold Boot terminal. If unit has been without power for a time, inserting the battery will start a cold boot. Otherwise, power on the unit, then press and hold the power button. After 5 seconds, the screen will change to one with the Symbol logo and at the top it will say “Release pwr key to warm boot”. Continue to hold the power key down until the screen goes blank. The entire process takes about 30 seconds.
- [T] After the cold boot completes, at the “Windows Mobile” screen, tap it to begin the setup process.
- [T] Perform the screen alignment by tapping the screen target where the 2 lines intersect 5 times (follow the onscreen instructions).
- [T] On the “stylus” screen, tap the **Next** button at the bottom.
- [T] At the “pop-up menus” screen, tap and hold the entry and tap **Cut** in the drop-down menu. Tap and hold the 11th on the calendar and tap **Paste** from the drop-down menu. Tap **Next** button at the bottom.
- [T] At the “location” screen, use the drop-down menu to select the appropriate time zone. Tap **Next** button at the bottom.
- [T] At the “complete” screen, tap the screen to begin to use the terminal.

Copy RegSave Program to Terminal

- [T] Put the terminal into the communication cradle and sync it with the PC using Activesync.
- [PC] On the Activesync screen, after the connection has been made, click the **Explore** icon on the toolbar. Double-click the **My Windows Mobile-Based Device** icon at the top of the file list, then double-click the **Application** folder. Note – the handheld icon may also be called My Pocket PC.
- [PC] Copy the **RegsavePPC2003.exe** utility program from the PC to the Application folder on the terminal. Tap **OK** button on the “File Conversion” message box.



- Make a note of the files in the Application folder in case you need to restore it to this state to redo the wireless configuration.

Run RegSave and Create Registry Template

- [T] Tap **Start | Programs | File Explorer**. Tap the grey bar at the top, then tap **My Device** to get to the root directory of the terminal. Tap **Application** to open the folder where you just copied the Regsave program.
- [T] Tap **RegsavePPC2003** to run the program.
- [T] On the top half of the screen (in the Registry frame), Tap **Create Template File** to begin the process of creating a cold boot template for the terminal.
- Tap **Create Template** on the next screen. Data will scroll through the small window on the device as it is being processed. A tone will sound when the process is done and a message box showing “Registry Template saved” will appear. Tap **OK**. Tap **Exit** at the bottom to leave the program.
- [T] Tap the **X** in the top right corner twice to get back to the main screen.

Set Wireless Configuration

- [T] Tap the **Mobile Companion** icon on the bottom right of the display. A window should pop up showing “Status, WLAN Profiles, Find WLANs, and Options”. Tap **WLAN Profiles**.
- [T] The WLAN Profiles list should contain a Default profile. Tap **New** button to create a new profile.
- [T] On the “Mode” screen, enter a descriptive name for the profile. Enter the ESSID for the network you will be connecting the terminal to. Leave the Operating Mode as Infrastructure and Country as USA.
- [T] Tap the **Authentication** button. On the “Authentication” screen, set it to None.
- [T] Tap the **Encryption** button. On the “Encryption” screen, select the correct entry from the drop-down menu. If you are entering a WEP key, select the correct key length. A 40-bit key is 10-characters long and a 128-bit key is 26 characters. Select Key 1 and tap **ResetKeys** button. Tap **Yes** on the “Adapter Status” message box. Use the keyboard or keypad to enter the correct WEP key. As soon as you enter the first new character, a confirmation message box will appear – tap **Yes**. Finish entering the WEP key. Note – when you finish entering the part of the key that fits in a box, the cursor should jump to the next box automatically. If it does not, you will need to tap the next box to move the cursor.



- [T] Tap the right arrow at the bottom to scroll the menu bar. Tap **IP Config** button. If your IP addresses are assigned automatically by a DHCP server, set the IP configuration to **DHCP**. If you must manually set an IP, select **Static** from the drop-down menu. Enter the correct data for IP Address, Subnet Mask, and Gateway. If you are using a DNS server, enter that IP address as well. Tap **OK** to write the configuration and return to the WLAN Profiles screen.
- [T] At the WLAN Profiles screen, tap and hold the **Default** profile entry. Tap the message box that comes up to “Disable the Profile”. You should see a small icon (circle with slanted line through it) that shows it is disabled. Tap Close at the bottom to finish.

Run RegSave and Save Registry “Differences”

- [T] Tap **Start | Programs | File Explorer**. If you are not already in the Application folder, tap the grey bar at the top, then tap **My Device** to get to the root directory of the terminal. Tap **Application** to open the folder where Regsave resides.
- [T] Tap **RegsavePPC2003** to run the program. On the top half of the screen (in the Registry frame), tap **Save Current Configuration**. Leave the paths and filenames as the defaults and tap **Save** at the bottom. If you get a message box about the IgnoreCE.Key file, just tap **Yes** to continue. A tone will sound when the process is done and a message box showing “Differences now saved ...” will appear. Tap **OK**. Tap **Exit** at the bottom to leave the program.
- [T] If you want to verify that the configuration is persistent, cold boot the terminal by pressing the power button for about 30 seconds. Go back into the Mobile Companion and check the profile (use the Status screens to check the settings).

Warning!!

If you need to change wireless settings, you *MUST* remove application software, cold boot the terminal and perform this process from the beginning – starting with a clean registry template! You cannot change a setting and run RegSave again.