



Application Note

Date: April 7, 2009

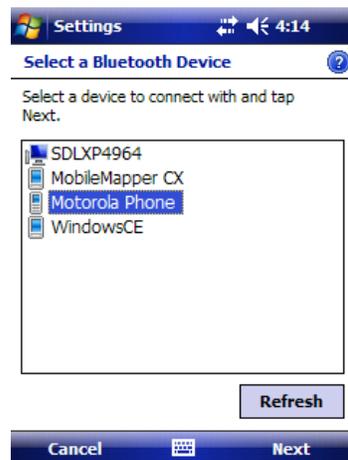
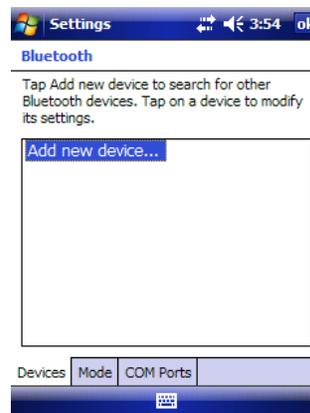
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Product: Mobile Mapper 6

Subject: Using a Mobile Mapper 6 with a data enabled cell phone

Being able to use applications that require an internet connection can be extremely useful in the field. This document will describe how to link a Bluetooth phone with your MM6 so that communication with the internet is possible on your device.

- On the MobileMapper6, go to **Start/ Settings/ Connections tab /Bluetooth**
- Prepare your cell phone for Bluetooth discovery and then tap **Add new device...**



- The MM6 will search for your phone
- When discovered, highlight the phone and tap **Next** in the lower right corner



- Enter a passcode of your choice and then hit next
- On the phone, you will be asked to accept the Bluetooth pairing request. Select Yes and then enter THE SAME code that you entered on the MM6

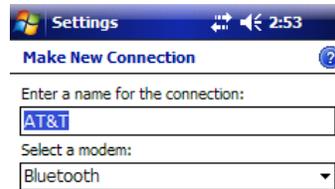
- If you choose, the default phone name can be changed on this screen. Make sure that **Dialup Networking** has a check and tap **Finish**



- You will return to the main Bluetooth screen. Click **ok** in the upper right of the screen to return to the **Connections** tab screen.
- Tap the **Connections** icon and then tap the link that says **Add a new modem connection** under **My ISP** (top Section)



- On the **Make New Connection** window, choose a name for your connection, select **Bluetooth** for the modem type, then tap **Next**



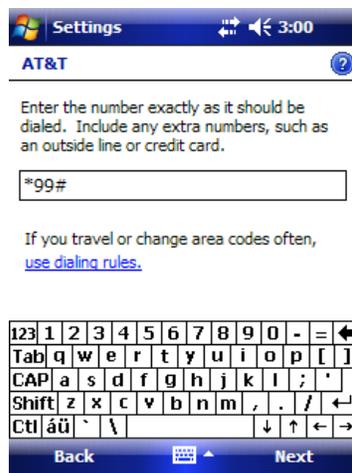
NOTE: After tapping **NEXT** a few seconds may pass before the next screen is displayed.

- On the next screen you are asked to choose a Bluetooth device. Highlight your phone from the list and tap **Next**

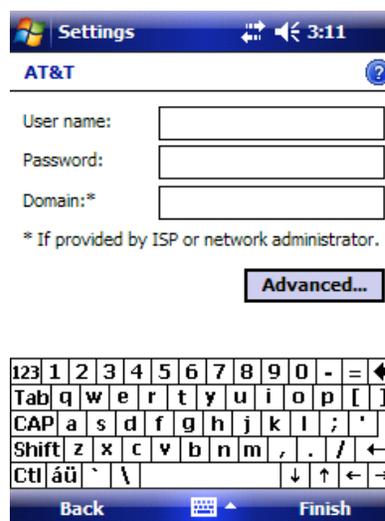


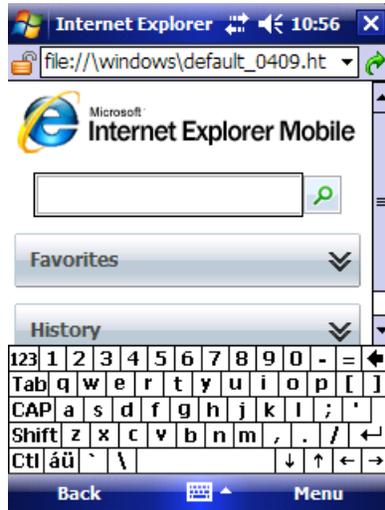
- Enter the number for the cell phone carrier that you are using and tap **Next**

NOTE: The number that goes in this field is not a 10-digit phone number. It is a key for communication with the cell phone and is dependant on the cell-carrier that you are using. In this case I have used AT&T's number. A few major US carriers are listed at the end of this document.



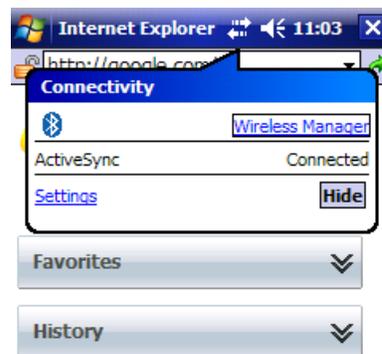
- Enter the Username and Password required by your Data Plan. Again, this varies by manufacturer and is included for the companies mentioned below. When entry is complete tap **Finish**.
- You will return to the main **Connections** window. A link called **Manage existing connection** that was not seen before is now present. Close all windows to return to the Today screen, then go to **Start/Internet Explorer**



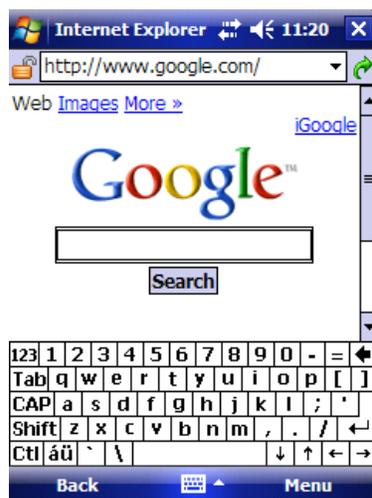


- Whether or not you are connected to the Internet, the Internet Explore Mobile home screen will be shown.
- Use the virtual keyboard to type in a familiar site like www.google.com and press the green arrow to the right of the address bar.
- The status of your connection can be seen by tapping on the two arrows to the left of the clock.

- For the making of this document, I am connected with ActiveSync which is shown in the **Connectivity** window. At this point yours will say **Dialing... *99#** (or whatever number you are using). When a connection is achieved the **Connectivity** window will display the name of the connection you previously set-up and the amount of time you have been connected.



NOTE: It is not possible to connect with ActiveSync and a cell phone simultaneously, though internet connectivity is shared with your desktop computer.



- On the Status bar at the bottom right of the Internet Explorer screen you will see the message **Loading** and then **Opening** before the main Google page appears. If you experience what is described here, then you have successfully configured a data connection on your Mobile Mapper 6!

NOTE: On the next page you will see a table listing some connection credentials for a few of the more common cellular carriers in the Western United States.

Cingular

Phone #: *99***1#
Username: ISP@cingulargprs.com
Password: CINGULAR1
Baud Rate: 115200
Dialing String:
&f&d2&c1+cgdcont=1,"IP","isp.cingular"

Verizon

Phone #: #777
Username: 10digitphone#@vzw3g.com
Password: vzw
Baud Rate: 115200
Dialing String: none

Nextel

Phone #: S=2
Username: none
Password: none
Baud Rate: 19200
Dialing String: none

Sprint

Phone #: #777
Username: none
Password: none
Baud Rate: 19200
Dialing String: none

AT&T

Phone #: *99#
Username: none
Password: none
Baud Rate: 115200
Dialing String: none

Altel

Phone #: #777
Username: 10digitphone#@alltel.net
Password: altel
Baud Rate: 115200
Dialing String: none

T-Mobile

Phone #: *99#
User Name: user
Password: wap
Baud Rate: 115200
Dialing String: none

NOTE: If you purchased a Cingular cell phone before they became AT&T, then you will use the credentials for Cingular in **Connection Settings**. Likewise, if you purchased your AT&T phone before or after the company was called Cingular, you will use the AT&T credentials