

Application Note

Date: April 7, 2009 Author: Jonathan Draffan

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...**

Settings		# ◀€ 3:54	ok
Bluetooth			
Tap Add new d Bluetooth devic its settings.	evice to sear es. Tap on a	ch for other device to modi	fy
Add new de	vice		
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😚 Settings 💦 👫 4:14	
Select a Bluetooth Device	2
Select a device to connect with and tap Next.	
SDLXP4964 MobileMapper CX Motorola Phone WindowsCE	
Refrest	1
Cancel 🔤 Next	

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

윩 Settings	# # 4 € 4:30)
Enter Passco	de	?
Enter a passco connection with	de to establish a secure 1 Motorola Phone.	
Passcode:		

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- If you choose, the default phone name can be changed on this screen. Make sure that Dialup Networking has a check and tap Finish
- Settings
 Image: Control of the setting setting

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hit next

entered on the MM6



• You will return to the main Bluetooth screen. Click **ok** in the upper right of the screen to return to the **Connections** tab screen.

Enter a passcode of your choice and then

 On the phone, you will be asked to accept the Bluetooth pairing request. Select Yes and then enter THE SAME code that you

• 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

Settings 👫 📢 3:00
AT&T
Enter the number exactly as it should be dialed. Include any extra numbers, such as an outside line or credit card.
*99#
If you travel or change area codes often, use dialing rules.
123 1 2 3 4 5 6 7 8 9 0 - = 🗲
Tab q w e r t y u i o p []
CAP a s d f g h j k l ; '
Shift z x c v b n m , . / ←
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Back 🔤 🔶 Next

- 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

🚰 Settings	‡ ‡ 4 € 2:53
Make New Connection	on 😰
Enter a name for the co	nnection:
AT&T	
Select a modem:	
Bluetooth	-

-



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.

将 Settings	‡ ‡ 4 € 3:11
AT&T	0
User name:	
Password:	
Domain:*	
* If provided by	ISP or network administrator.

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- 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 <u>www.google.com</u> 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.

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 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.

<u>Cingular</u>

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

<u>Verizon</u>

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

<u>Nextel</u>

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

<u>Sprint</u>

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

<u>AT&T</u>

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

<u>Altel</u>

Phone #: **#777** Username: **10digitphone#@alltel.net** Password: **alltel** 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