

How to configure MB6000 Serial Port Bridge mode

MB6000 has a configurable serial port. With this serial port, MB6000 can be used as DCE device to be connected with CISCO router's console port so that MB6000 can work as a backup WAN link.

Please follow below steps to configure MB6000 serial port bridge mode.

Go to MB6000 Web GUI-> Interfaces-> Internet access-> Networking-> Connection mode:

Connect mode

- Auto: Automatically dial up when power up.
- Dial on-demand: Dial up when LAN data request to access Internet.
- Manual: Manually dial up by client software or from web page.(see the [Status:Interface page](#))

Disconnect if no data packets sent or received for seconds

Select **Bridged with Serial**. When this type selected, the MB6000 acts as a modem between the cellular network and the serial port. You can attach a DTE device such as Cisco router or PC with the serial cable, and then initiate a PPP procedure on the those kinds of device.

Note: MB6000 can connect the 3G modem automatically when received a PPP connection request from a DTE device and disconnect it when received a PPP termination. This mode also support auto disconnect like dial on demand. Make sure the MB6000's serial speed is match with the one of DTE device. The serial speed can be set at Web GUI-> System-> Administration-> General:

The default speed is 9600bps. Please select a correct number which matches the serial speed of the DTE device. Wrong serial speed will cause failure.

System: Administration

General	
Hostname	<input type="text" value="MA155G340062"/> <small>Name of the gateway, without domain part e.g. mymb6000</small>
Serial Speed	<input type="text" value="9600bps"/>
ALG plugin	<input type="checkbox"/> SIP <input type="checkbox"/> H.323

Web Management Settings	
Username	<input type="text" value="public"/> <small>If you want to change the username for accessing the webGUI, enter it here.</small>
Password	<input type="password" value="....."/> <input type="password" value="....."/> (confirmation) <small>If you want to change the http password for accessing the webGUI, enter it here twice.</small>
webGUI protocol	<input checked="" type="radio"/> HTTP
webGUI port	<input type="text" value="80"/> <small>Enter a custom port number for the webGUI above if you want to override the default (80 for HTTP, 443 for HTTPS).</small> <input type="checkbox"/> Enable management from WAN, use port <input type="text" value="8080"/>

Advanced Management	
SNMP	<input type="checkbox"/> Enable SNMP Read-Only Community Name: <input type="text" value="public"/> ReadWrite Community Name: <input type="text" value="private"/> Trap Community Name: <input type="text" value="public"/> Trap Server : <input type="text"/> Trap interval : <input type="text" value="30"/> seconds

Please submit the modification in the configurations and reboot the device. Now MB6000 is ready to accept the AT command from its serial port.