

HandyPort Usage
Auto-connecting between HPSs and MSPP
Application Note

2004. 05. 20
AN-2010-3E

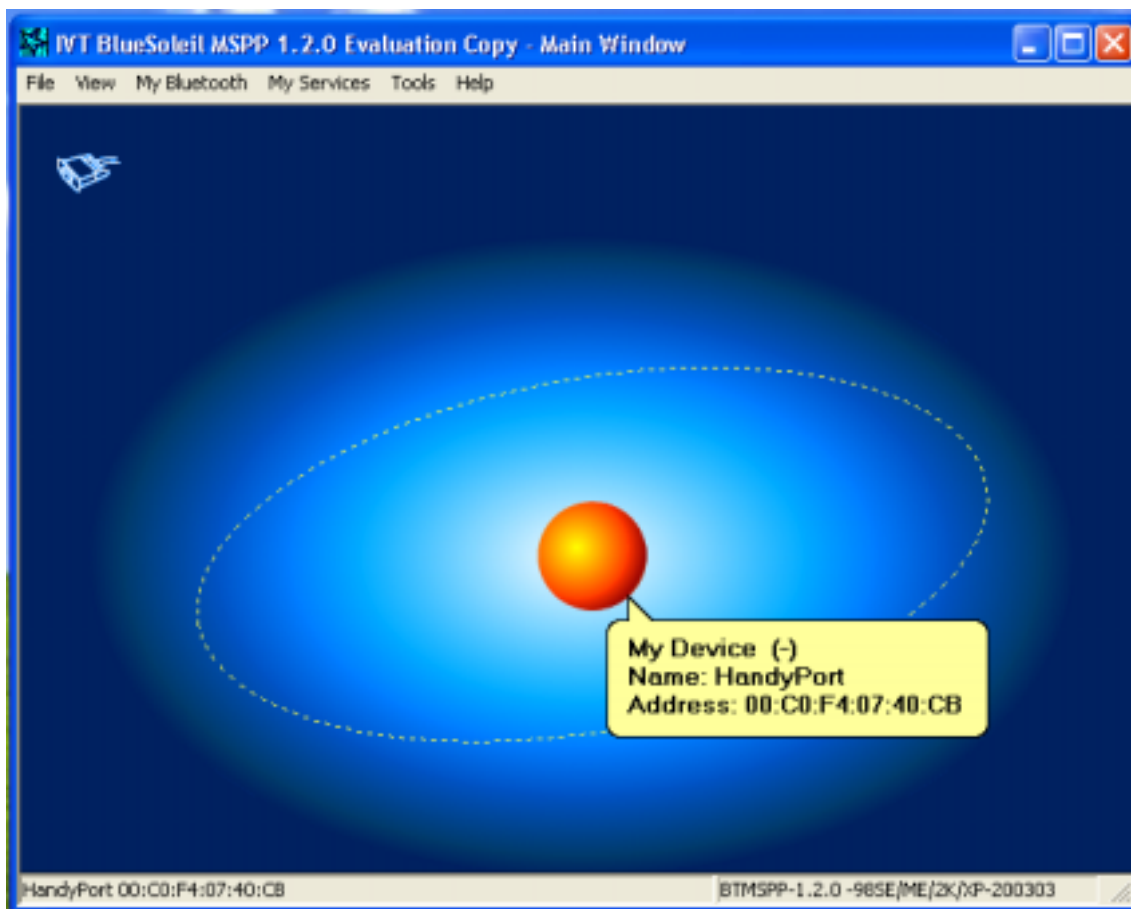


1. Settings

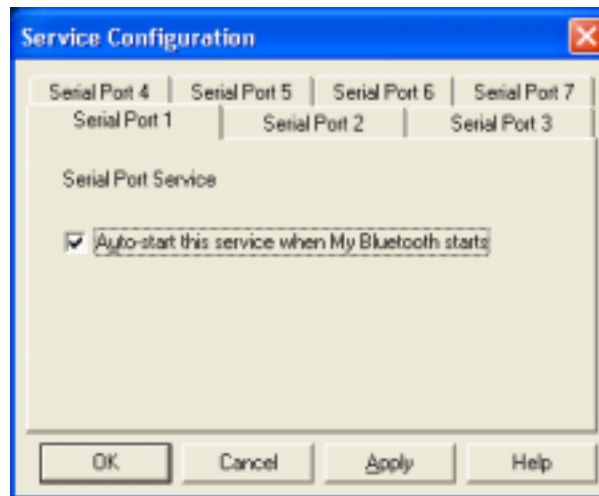
1.1. MSPP

You have to set the auto-start function for each Serial Port. Please be following the bellow steps.

Step 1: Start the MSPP by double-clicking the MSPP icon on the desktop. You can add the MSPP icon into “Startup” to auto-start with booting of your PC.



Step 2: Go to “My Services-> Properties” and enable the auto-start option for each Serial Port. You have to restart the MSPP to apply changes.



Step 3: Find out the address of MSPP for the HPS settings.



1.2. HPS (HPS-120)

The following are the procedure for the HPS settings.

Step 1: Connect a HPS to a COM port of PC and open a HyperTerminal. And switch (Power) on the HPS.

Step 2: Start the setup mode of HPS with pushing the RST button on the HPS.

Step 3: Hit the <Enter> and verify the current settings of HPS.

Step 4: Input a command 'M' and select '2', "REGISTER & CONNECT" mode.

Step 5: Input a command 'A' and type the address of MSPP.

Step 6: Input a command 'C' and select a desired serial service of MSPP. Each HPS has to have a unique number for this step. For an example, the MSPP has COM ports from 3 to 16. And you have enabled all of Serial Ports in the MSPP. If you select "1st" in this step, this HPS will use COM 3 on the MSPP whenever it connects to the MSPP. If you select "3rd", it will use COM 5 on the MSPP. And so on.

Step 7: Input a command 'V' and verify the settings.

Step 8: Input a command 'X' to apply the changes and reboot.

1.3. Verifying Auto-Connection from HPS

If a HPS is in the register-and-connect mode, it will try to make a connection when it startup. Once a link brings up, its LINK led will be turning on. You can see the bellow figure on the MSPP side.

