


Before You Start

System requirements

The following system features are required at a minimum to run SourcePoint™:

- Intel® Pentium® processor or better computer
- Microsoft® Windows® 95B (or later)/98/ME/NT 4.0 with SP4 (or later)/2000/XP
- 128 Mb RAM
- 60 Mb disk
- CD-ROM drive
- Serial connection port

 **Caution:** If your OS is Windows 95, you **MUST** use version B or later. If your OS is NT, you **MUST** have installed SP4 or later.

Hardware Installation

Step 1: Unpack the equipment

The following equipment should be in your box. If it is not, contact American Arium immediately.

ECM-S2 – ITP base unit

PBD-S2V personality module – for use with Intel P6-class processors

SourcePoint CD – Interface software

Serial cable – for serial connection

Reset adapter – yellow and black twisted pair cable

Documentation – manuals, etc.

Step 2: Connect the base unit to the host computer

1. Connect the serial cable between the host serial port and the base unit connector labeled TO PC.

Note: The factory default baud rate setting for the base unit is 57600 baud (DIP switches 1 and 3 up; all others down). Settings for other baud rates can be found in the ReadMe.txt file supplied SourcePoint.

Step 3: Connect the personality module

To prepare the personality module, see instructions provided separately in this box.

1. Connect the personality module to the target's debug/ITP port connector using the short 30-pin cable.*
2. Connect the personality module to the base unit at the connector on the front of the unit labeled DEBUG, using the longer 40-pin cable.

Note: Make sure the voltage setting is correct for the target system.

**If you do not have a debug port, you will have purchased a test access port (TAP) adapter. Instructions for installation are provided separately in this box.*

Step 4: Complete hardware connections

1. Connect the reset adapter (yellow and black twisted pair cable) to the target reset connector. Connect the other end to the base unit connector labeled TARGET RESET OUT on the front panel. There are two connector ports stacked on top of one another at the TARGET RESET port. Be sure to insert the cable end into the lower port. Connect the other end to the target wherever a reset switch normally would be connected.

Note: The reset adapter is not polarized and does not need to be connected in any particular orientation since it is effectively just a switch closure.

2. Connect the power supply to your power source and the back of the base unit at the port labeled POWER or PWR. Connecting the power supply will power up the base unit automatically.
3. Watch for the Status LED #1 is solid green and Status LED #2 to flash red on the base unit.
- 4.. Turn on the power to the target.
5. An "18" should appear in the LED display on the front panel of your base unit. If that number does not appear, try to load the software and read the readme.txt file. If this is not possible, contact American Arium support.

Note: After applying power to the target, LED #2 will stop flashing.

Status LED Indicators

Status LED #1: Solid green indicates the ECM-S2 is operating properly.

Status LED #2: Flashing red indicates the ECM-S2 cannot control or detect the target processor's PRDY# signal. If it is successful in controlling the PRDY# signal, it will be off (not illuminated). Flashing green indicates that the base unit has not been successful in receiving PRDY# after asserting PREQ#.

PWR LED: Solid red indicates that the power is on.

Software Installation

Step 1: Install SourcePoint

1. Place the SourcePoint software CD in your CD player.
2. Run the setup program.
3. During setup, you will be asked for the SourcePoint certification file. This file resides on a floppy disk that shipped with your unit. Insert the certification file diskette into your floppy drive when prompted.

Note: SourcePoint requires that a certification file be present in the SourcePoint directory to run SourcePoint; you will want to copy the file to the SourcePoint working directory.

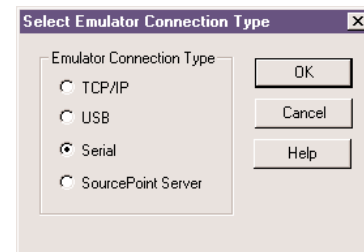
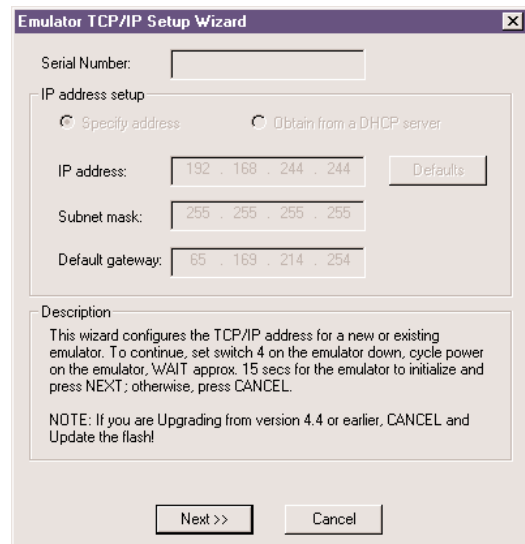
3. Select **Run SourcePoint** from the last screen of the InstallShield Wizard program.

Step 2: Configure SourcePoint

*Note: The first time you run SourcePoint, two dialog boxes open: the **Emulator Connection** dialog box on which is overlaid the **Emulator TCP/IP Setup Wizard**.*

Note: If you are updating your software from SourcePoint 4.4 or lower, you first will need to flash your unit. Instructions on updating flash can be found in the online help file and in the User's Guide.

1. The first time you run SourcePoint, two dialog boxes open: the **Emulator Connection** dialog box on which is overlaid the **Emulator TCP/IP Setup Wizard**. Close the wizard.
2. Click the **Add** button on the **Emulator Connection** dialog box.]
The **Select Emulator Connection Type** dialog box appears.
3. Click the **Serial** radio button.
The **Serial Connection Properties** dialog box displays.
4. Enter a name of your choice in the **Name** text box.
5. Click the **OK** button.
This will take you back to the **Emulator Connection** dialog box.
6. Click the **Select As Current Connection** button or double-click the highlighted IP address.
7. Click the **OK** button.



Correcting COM Port Problems

An **Initialization Error** dialog box appears if there is a problem communicating with the emulator.

To correct the problem:

1. Check the power to your emulator hardware. If the problem is not there, select the **Settings** button.
The **Emulator Connection** dialog box displays.
2. Click the **Properties** button.
The **Serial Connections Properties** dialog box displays.
3. Check the com port and baud rate to insure that they are set correctly.
4. Click the **OK** button.
The **Emulator Connection** dialog box redisplay.
5. Click the **OK** button.
6. Click the **Reset** button on the icon toolbar.

Other problems: If you encounter any other problems, please contact American Arium Technical Support at (877) 508-3970 toll free in the US, (714) 731-1661 outside the US, or send an email to support@arium.com for assistance.