# Updating the USB Host Driver

## Overview

This document provides detailed instructions on how to update the Arium USB host device driver.  The document includes two procedures: one for Microsoft® Windows® 2000 and the other for Microsoft® Windows® XP.

## Windows 2000 Driver Update Procedure

This procedure applies to the updating of the Arium USB device drivers for the Arium ECM-20, ECM-30, ECM-50, and SC-1000 emulators.  Follow the instructions below to update the Arium USB device driver on Windows 2000:

1. Connect the emulator to the host through USB.

2. Launch the Device Manager and expand the Universal Serial Bus controllers icon to display the list of USB devices.

3. Confirm that an entry shows the caption corresponding to the emulator.  The caption will be one of the following: "American Arium ECM-20/30 USB Port", "American Arium ECM-50 USB Port", or "American Arium SC-1000 USB Port".

4. Double-click this entry to display the device Properties page.

5. Click the Driver tab to display the Driver property sheet.

6. Click the Update Driver button to launch the Upgrade Device Driver Wizard.

7. Click the Next button to continue.  The Upgrade Device Driver Wizard displays the "Install Hardware Device Drivers" page.

8. Select "Display a list of the known driver" option.

9. Click the Next button.  The Upgrade Device Driver Wizard displays the "Hardware Type" page.

10. Select "Other devices".

11. Click the Next button.  The Upgrade Device Driver Wizard displays the "Select a Device Driver" page.  This page presents the "Have Disk…" button.

12. Click this button.  The Upgrade Device Driver Wizard displays the "Install from Disk" dialog box.  It presents a list of check boxes.

13. Select the "Specify a Location" check box.

14. Click the Next button.

15. Click the Browse button.

16. Open the folder or location where the new Arium USB driver resides.  Normally, this is the USB_Drivers\Windows2000 folder within the folder where you installed SourcePoint. The dialog box shows the file AriumUsbW2K.inf.  The Upgrade Device Driver Wizard returns to the open file dialog box with the instructions to insert the manufacturer's installation disk.  In the text box, it displays the path to the new Arium USB driver.

17. Click the OK button.  The Upgrade Device Driver Wizard displays the "Select a Device Driver" page.  This

page presents a list of American Arium emulator models.  The name of your currently connected device will be highlighted in gray.

18. Click the Next button.  The Upgrade Device Driver Wizard displays the "Start Device Driver Installation" page.  It displays the name of the driver for the connected emulator.

19. Click the next button.  The Upgrade Device Driver Wizard displays the "Completing the Upgrade Device Driver Wizard" page.  This page informs you that Windows has finished installing the software for the device.

20. Click the Finish button.  The device properties page displays the Driver property sheet with the new driver version number.

21. To confirm that Windows upgraded the USB device driver, click the Driver Details button.  The Driver File Details page displays information about the USB driver.  The file version should also show the new version number.

## Windows XP Driver Update Procedure

This procedure applies to the updating of the Arium USB device drivers for the Arium ECM-20, ECM-30, ECM-50, and SC-1000 emulators.  Follow the instructions below to update the Arium USB device driver on Microsoft® Windows® XP:

1. Connect the emulator to the host through USB.

2. Launch the Device Manager and expand the Universal Serial Bus controllers icon to display the list of USB devices.

3. Confirm that an entry shows the caption for your emulator.  It should display on of the following: "American Arium ECM-20/30 USB Port", "American Arium ECM-50 USB Port", or "American Arium SC-1000 USB Port".

4. Right-click this entry and display the pop-up menu.

5. Select "Update Driver…" to launch the Hardware Update Wizard.  The Hardware Update Wizard displays the "Welcome to the Hardware Update Wizard" page.  This page shows two radio buttons.

6. Select "Install from a list or specific location (Advanced)".

7. Click the Next button to continue.  The Hardware Update Wizard displays the "Please choose your search and installation options" page.  This page presents the "Search for the best driver in these locations" option as the default.

8. Click the "Include this location in the search:" check box.  Use the browse button to update the path to the new driver files. Normally, this is the USB_Drivers\WindowsXP folder within the folder where you installed SourcePoint.

9. Click the Next button to continue.  The Hardware Update Wizard displays a dialog box warning that the driver has not passed Windows Logo testing.

10. Click the "continue anyway" button.  The Hardware Update Wizard displays the "Completing the Hardware Update Wizard" page.  This page notifies that the wizard has finished installing the software for the American Arium USB Port.

11. Click the finish button.

12. Launch the Device Manager and display the property page for the Arium USB driver.

13. Click the Driver tab.  The page displays the new driver date and the new driver version.