To our customers,

Old Company Name in Catalogs and Other Documents

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Renesas Electronics website: http://www.renesas.com

April 1st, 2010
Renesas Electronics Corporation

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Microcomputer Tool Development Dept.
Renesas Solutions Corporation

Updating the USB Adapter Firmware

Thank you for using our product. Please read the notes listed below before use of the E6000H emulator with the USB adapter.

1. Overview

We have updated the USB adapter firmware in order to improve the performance of the E6000H emulator with the USB adapter connected. Before using the USB adapter, follow the procedure below to update your USB adapter firmware.

2. Procedure to Update the USB Adapter Firmware

The following steps are required for update of the USB adapter firmware.

2.1 Connecting the USB Adapter

Ensure that the USB adapter is connected to the host computer.

2.2 Checking the Version Numbers of the USB Adapter Firmware

To check the version numbers of the USB adapter firmware, execute "Usbwrite.exe" in the installation disk by double-clicking the file.

Note: "Usbwrite.exe" can be found on the following location:
"<drive>:\DRIVERS\USB\Usbwrite.exe" (<drive> is a name of the CD-ROM drive.)

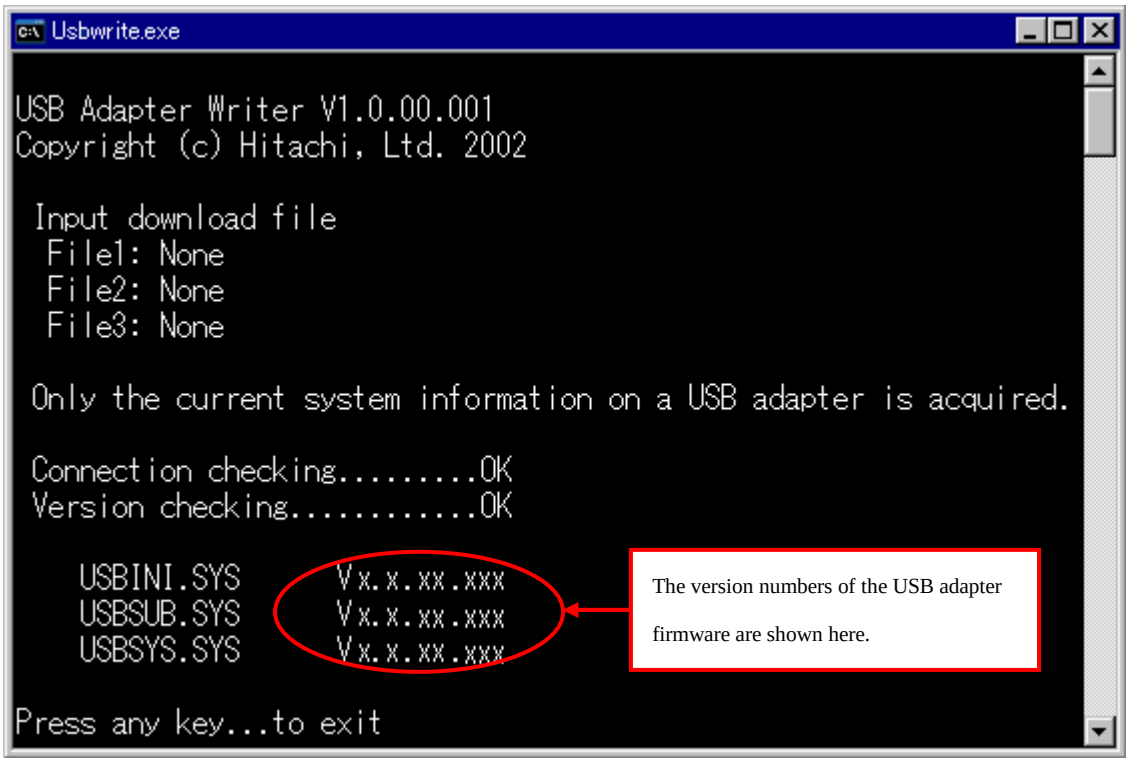

Figure 2.1 Checking the Version Numbers of the USB Adapter Firmware

No further steps are necessary when the shown version numbers (figure 2.1) are as follows.

USBINI.SYS V1.0.00.000

USBSUB.SYS V2.1.00.000

USBSYS.SYS V2.1.00.000

If different, go on to section 2.3, Updating the USB Adapter Firmware.

2.3 Updating the USB Adapter Firmware

The latest USB adapter firmware has been downloaded as a self-compressed file. Double-click this file to expand it in the directory you like. With this expansion, a folder "USBADPTERFIRM" will be created. Find the three files in the "USBADPTERFIRM" folder ("USBINI.SYS", "USBSUB.SYS", and "USBSYS.SYS"), then drag and drop them onto "Usbwrite.exe" (figure 2.2).

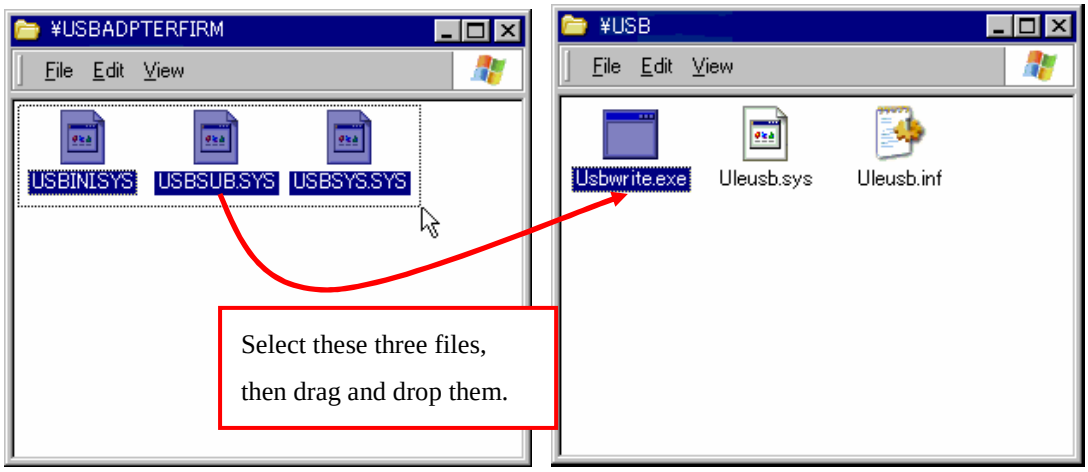

Figure 2.2 Drag and Drop of Three Files

This shows three groups of the version numbers: those of the USB adapter firmware dragged and dropped (Input download file), those of the USB adapter firmware currently installed in the USB adapter (Before), and those of the new USB adapter firmware to be installed after the update of the USB adapter firmware (After) (figure 2.3).

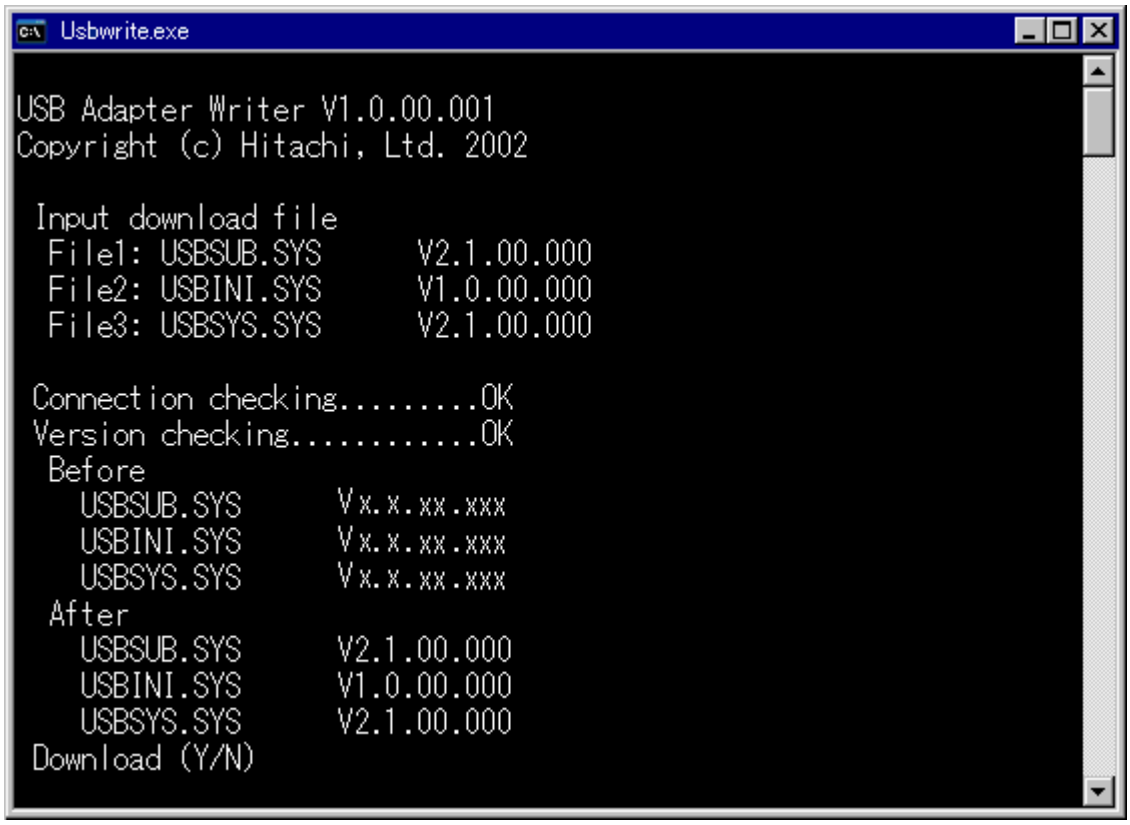

Figure 2.3 Showing Version Numbers of the USB Adapter Firmware

USBSUB.SYS V2.1.00.000

USBINI.SYS V1.0.00.000

USBSYS.SYS V2.1.00.000

After checking that the version numbers are the same as above, select "Y" to modify the USB adapter firmware or "N" to reject the modification.

If you have selected "Y", press the return key to exit the program after writing of the USB adapter firmware is completed (figure 2.4). Selecting "N" terminates the program immediately. Once you have selected "Y", do not remove the USB cable or terminate the program until writing of the USB adapter firmware is completed (figure 2.4). Otherwise, the USB adapter will not operate correctly.

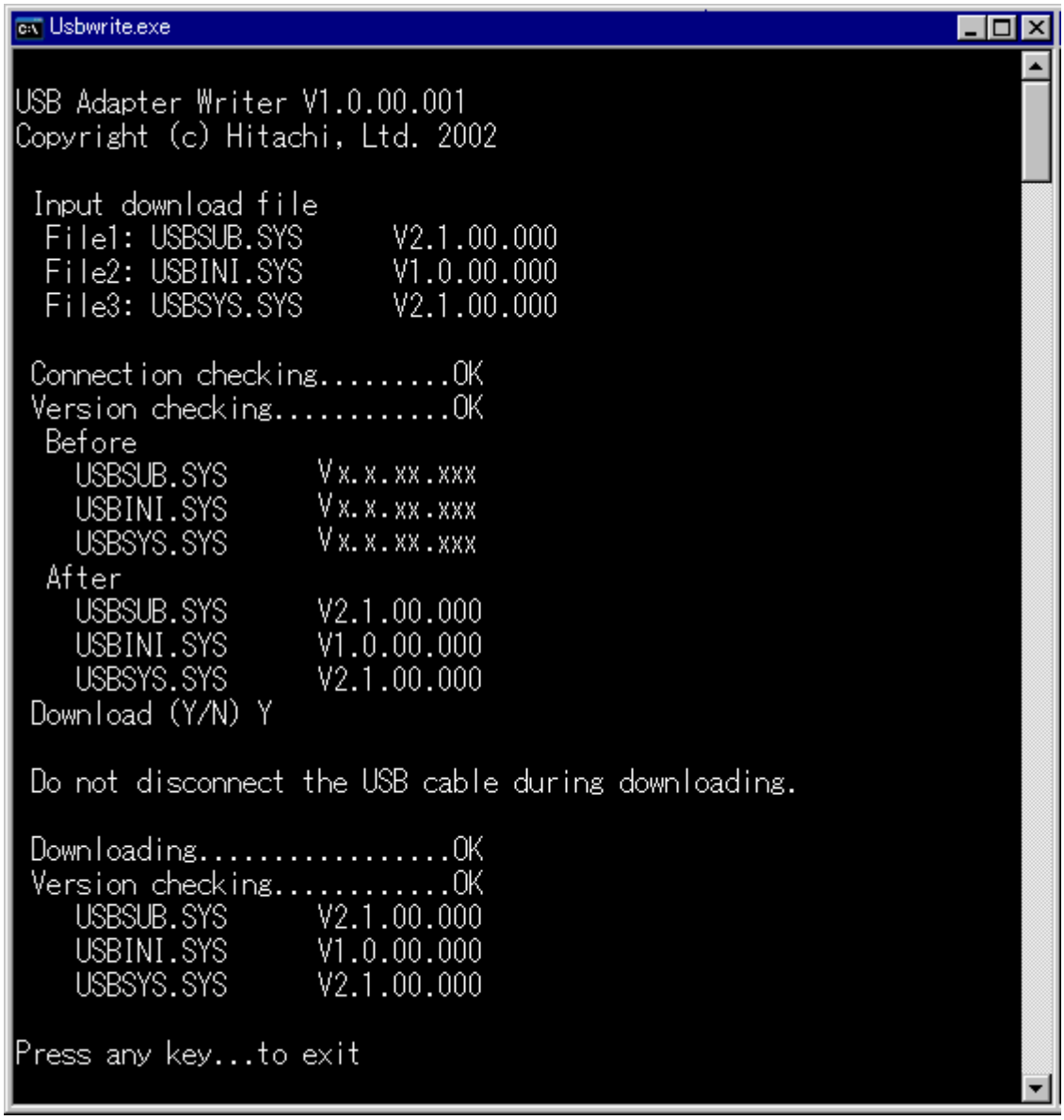

Figure 2.4 Writing of the USB Adapter Firmware Completed

2.4 Re-connecting the USB Adapter

Disconnect the USB adapter from the host computer. After checking the disconnection, re-connect the USB adapter to the host computer.

Update of the USB adapter firmware is now completed.

3. Support Information of the E6000H Emulator

Support information regarding the E6000H emulator, including the latest version of the HEW for E6000H, is available on our website. Please access the following URL: http://www.renesas.com/