



IBD Firmware Upgrade Procedure

Date: 3/4/2021

Firmware revision: v0.03 and greater

This document applies to updating software of the BUC component of the Phase Combined System. This component can be identified by model numbers starting with IBD found on the side of the unit. The PAA components of the Phase Combined System contain different software and are updated by a different procedure. The figures may show different file names and are meant only as a representation of the pages.

Step 1: Figure out the IP address of the unit and log on to it using the web browser at port number 8080. Let's say if the unit is at IP address 192.168.1.21, then open the browser to <http://192.168.1.21:8080>

You will see a page as shown in Figure: 1

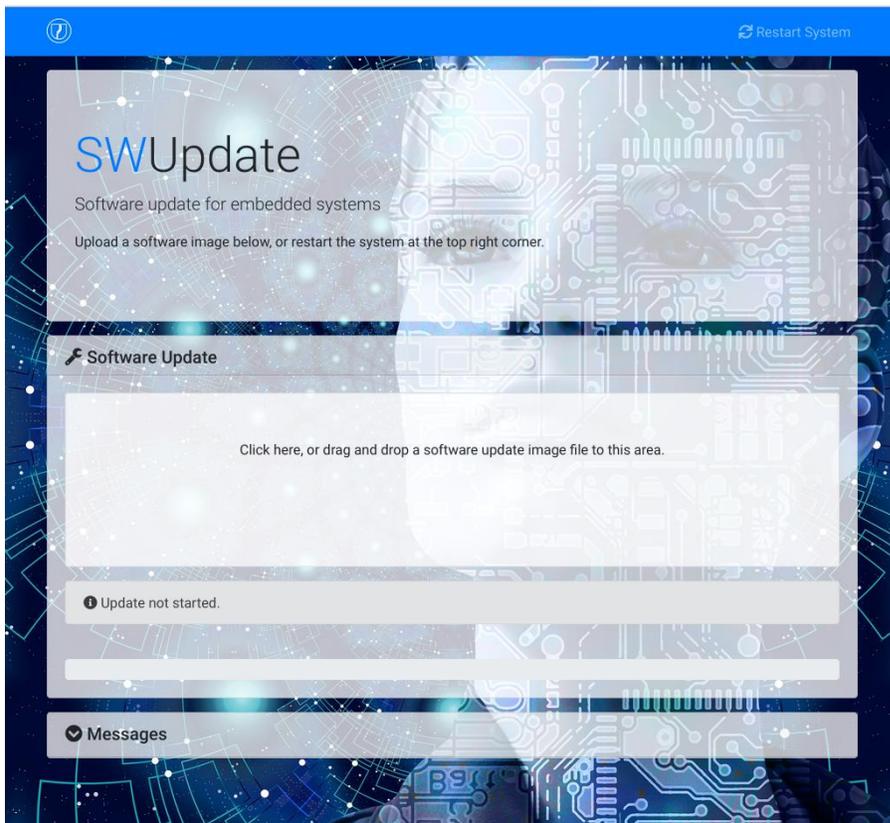


Figure 1: Software Update Web Page

Step 2: Download the zip file that has the firmware. It should look like ibd_v0_05.zip. You will need to unzip the file. Look for the file named ibd_v0_05.swu. Use this file to upgrade the firmware. On the web page click on the area where it says Click here.

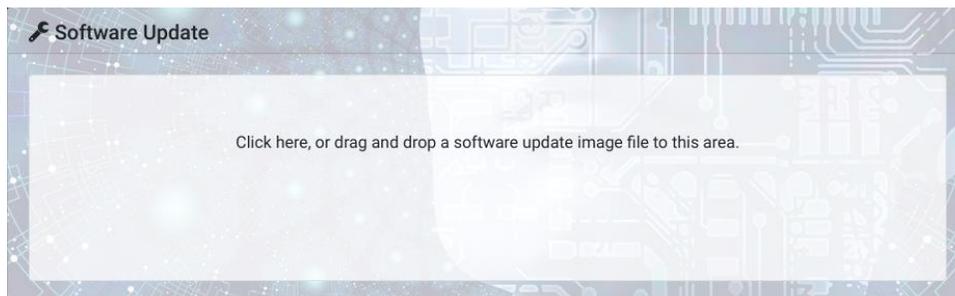
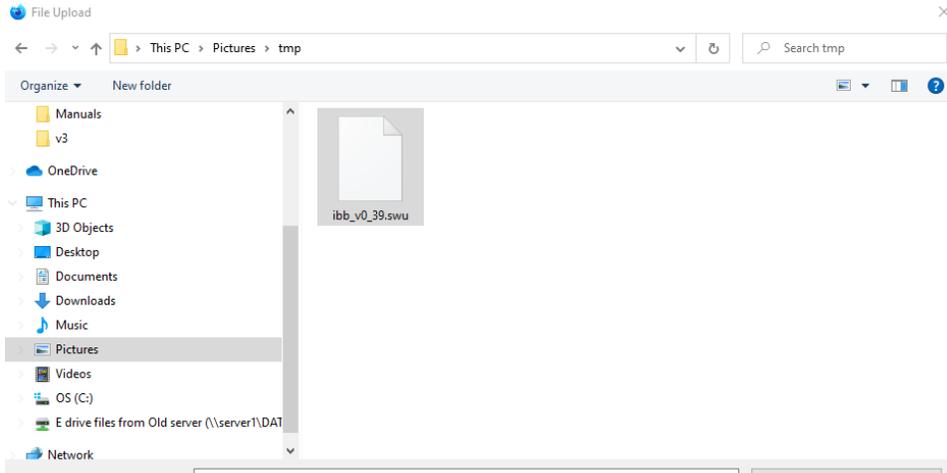


Figure 2: Software update place to click

Step 3: Find the ibd_v0_05.swu file and click OK. The firmware upgrade process will start.



It will look similar to Figure 4.

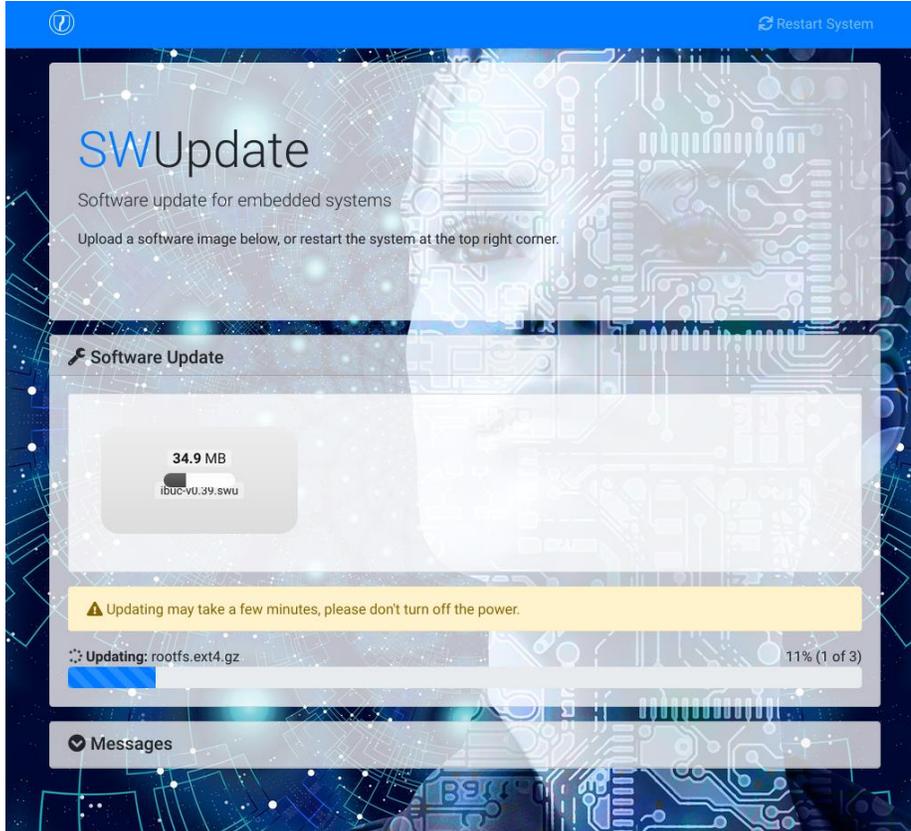


Figure 4: Software update progress

Step 4: Wait for the progress indicator to say that it is completed and waiting for the device to reboot.

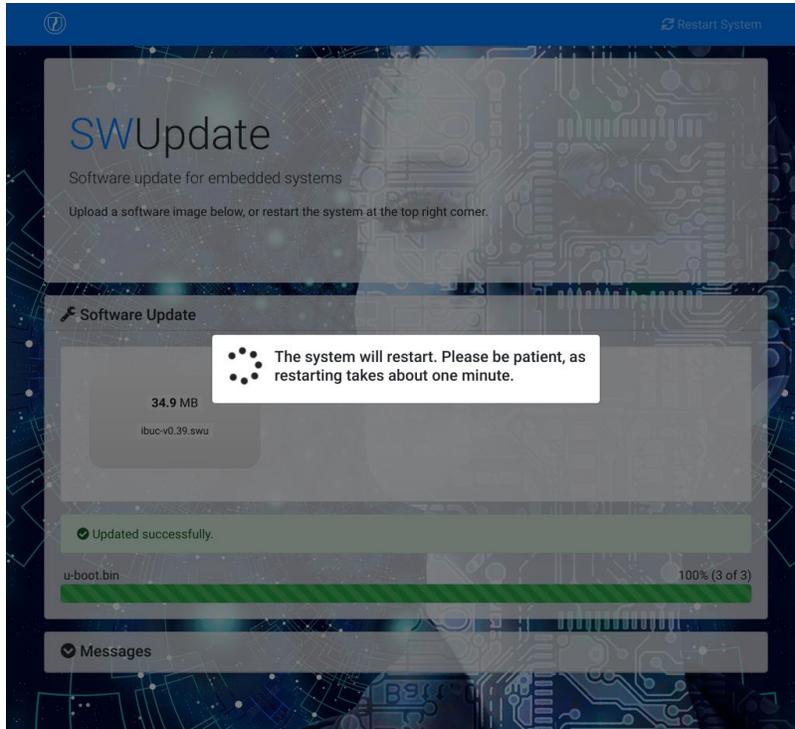


Figure 5: Software Update Wait for Reboot

Upon completion the web page will come back to the original page asking for firmware upgrade. The unit is updated and can be used now.

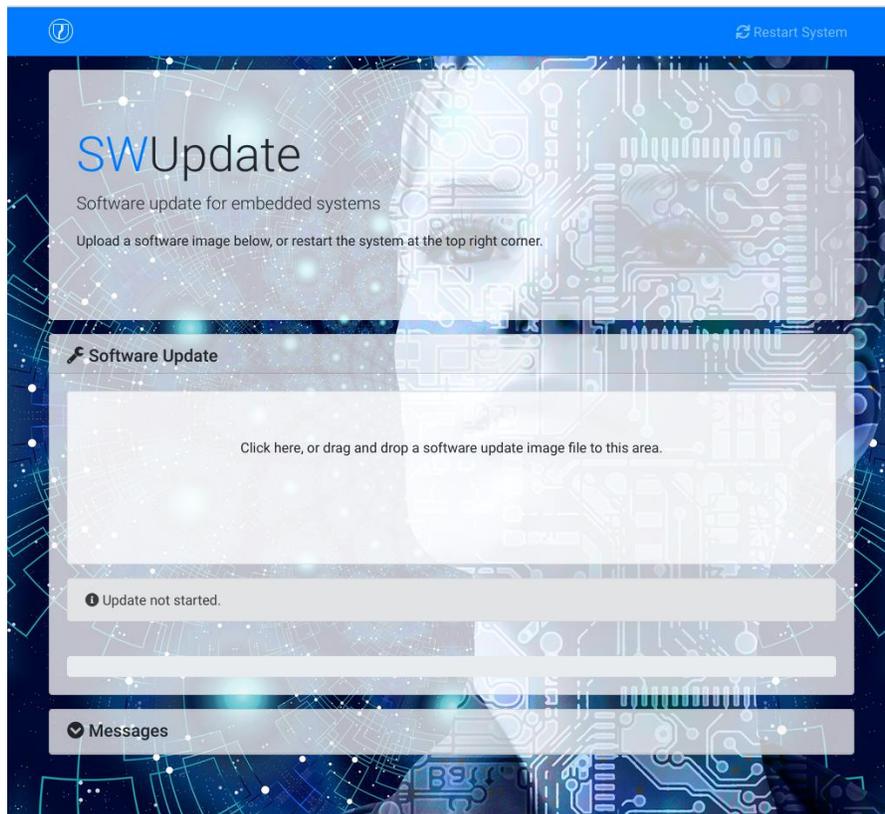


Figure 6: Software Update done