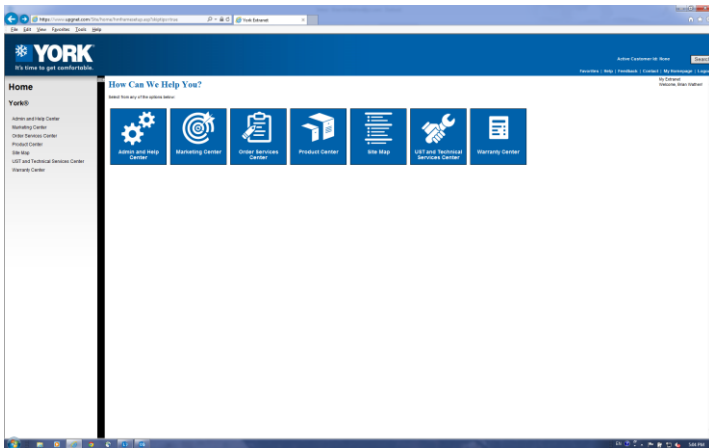
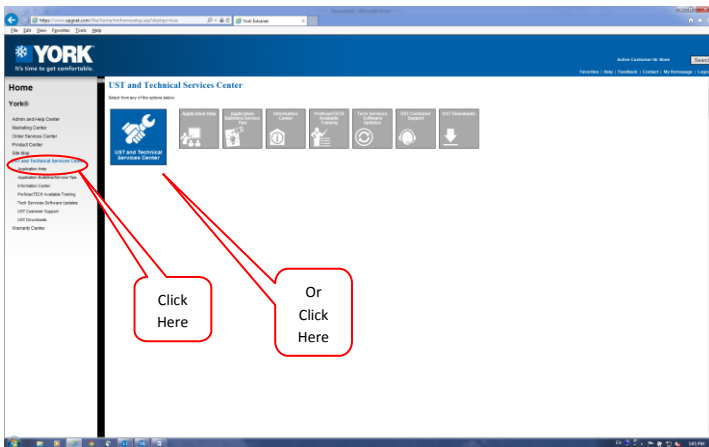


Process for downloading Simplicity® SE (Smart Equipment) control firmware.

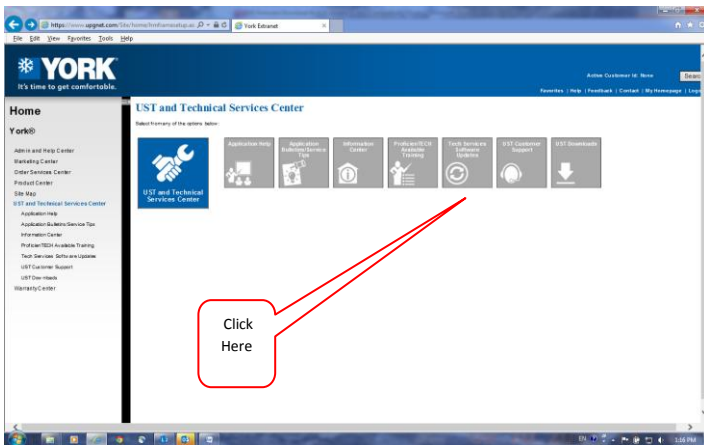
Step 1- Visit and sign onto UPGnet. Once signed in screen will appear as shown below.



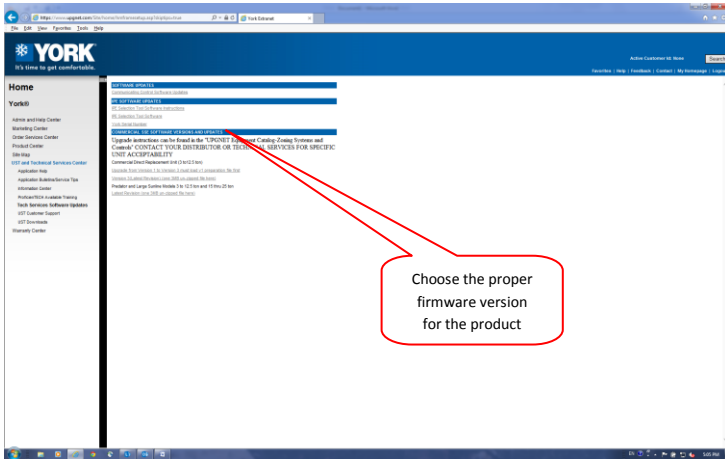
Step 2- Click on either the text link on the left panel titled “UST and Technical Services Center” or click on the icon with the same name displaying a wrench.



Step 3- Click on the “Tech Services Software Updates” link as shown below.

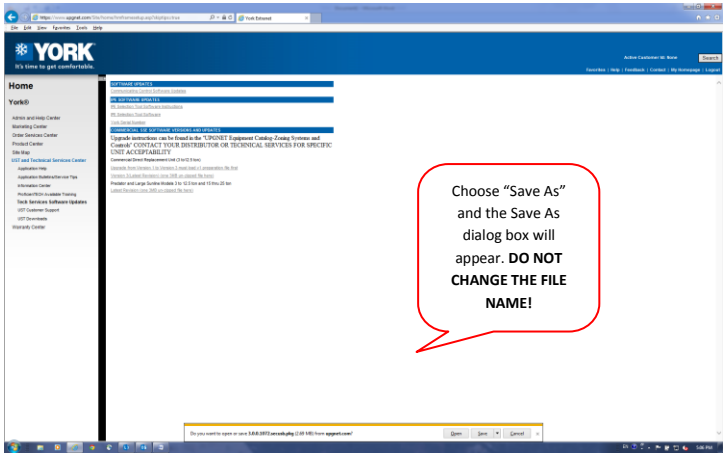


Step 4- Chose the proper version of Simplicity SE firmware for the products as described below.

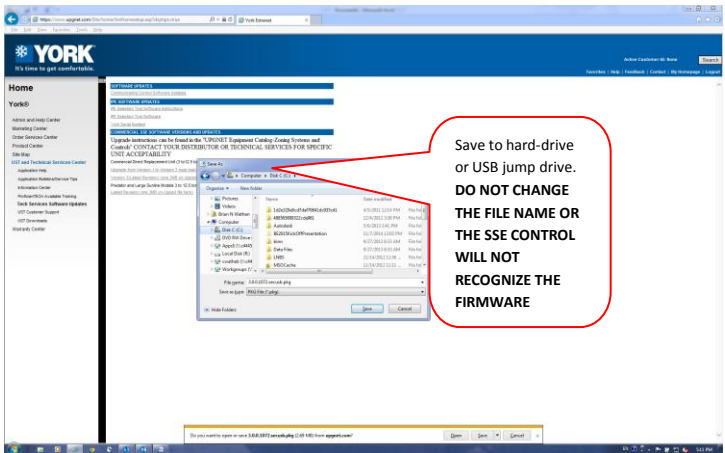


Note!! If updating a CDR product from version 1.0.0.* to 3.0.0*** firmware. The UCB must be updated using the update file 3.0.0.1072.v1upgrade.secusb.pkg firmware before updating to V3.0.0.*****

Step 5- Save the firmware directly to the computers hard drive or a USB Flash Drive. Must use a Flash Drive to update actual UCB control firmware!



Step 6. Save the firmware directly to the computers hard drive or a USB Flash drive.



Updating the program in the Simplicity UCB

Load the appropriate files to a clean USB Flash Drive as indicated in the prior five steps. (Files located on UPGNET>UST and Technical Services Center>Tech Services Software Updates)

Take note of what the base screen looks like.

Step 1- Place USB Flash Drive into USB port on controller

Screen will read:

USB WAIT

Then:

USB OK



Note!! If updating a CDR product from version 1.0.0.* to 3.0.0*** firmware. The UCB must be updated using the update file 3.0.0.1072.v1upgrade.secusb.pkg firmware before updating to V3.0.0.*****

Next Page...

Step 2- Press Joy Stick down

Screen will read:

**Status
>Alarms**

Step 3- Press Joy Stick lever down four times until the screen below appears. If the Update screen is scrolled past you return by pressing the joy stick lever up until the Update screen appears.

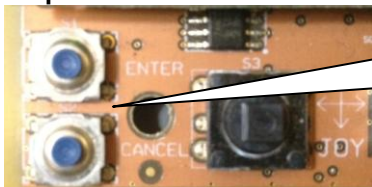
Screen will read:

**Contrler (Controller)
>Update**



Joy Stick toggles up/down & left/right.

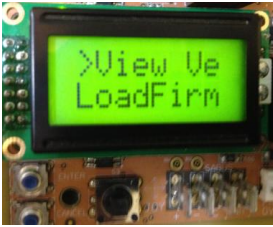
Step 4- Press ENTER



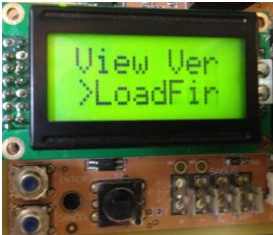
Enter and Cancel buttons.

Screen will read:

**>View Ver (Version)
Load Firm**



Step 5-Toggle Joy stick down so the arrow is next to
>Load Firm



Step-6 Press **ENTER**

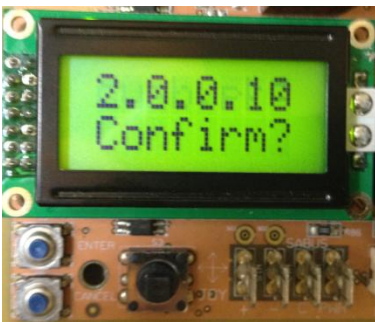
Screen shows software versions present on the USB Flash Drive, such as >1.0.0.1101.secusb.pkg, 3.0.0.1072.secusb.pkg or other versions that have been loaded onto the USB Flash Drive. Scroll up or down to view firmware versions on the drive. Select the desired firmware file (3.0.0.1072 version in this example).

Next page...

Step 7- Press **ENTER**

Screen will read:

Confirm?



Step 8- Press **ENTER** again.

Screen will read **FWU WAIT** then the program will load.

This could take up to 10 minutes or more. The screen contents will change several times during the update so be patient...

Wait until base screen reappears. Re-programming is complete.

Cycle power to the unit and wait again for re-boot start-up.

If loading more than one file, example upgrading CDR unit from version 1, you should cycle power after loading the first file and again after the last file is complete.

It is a good practice to conduct a "RE-LEARN" from within the menu after the file(s) have been upgraded if the function of the unit does not appear to be normal.