

SEOUL D&S “MoconUpdateV3” Bender Update Manual

Edited by Junsung Lee (2016.10.19)

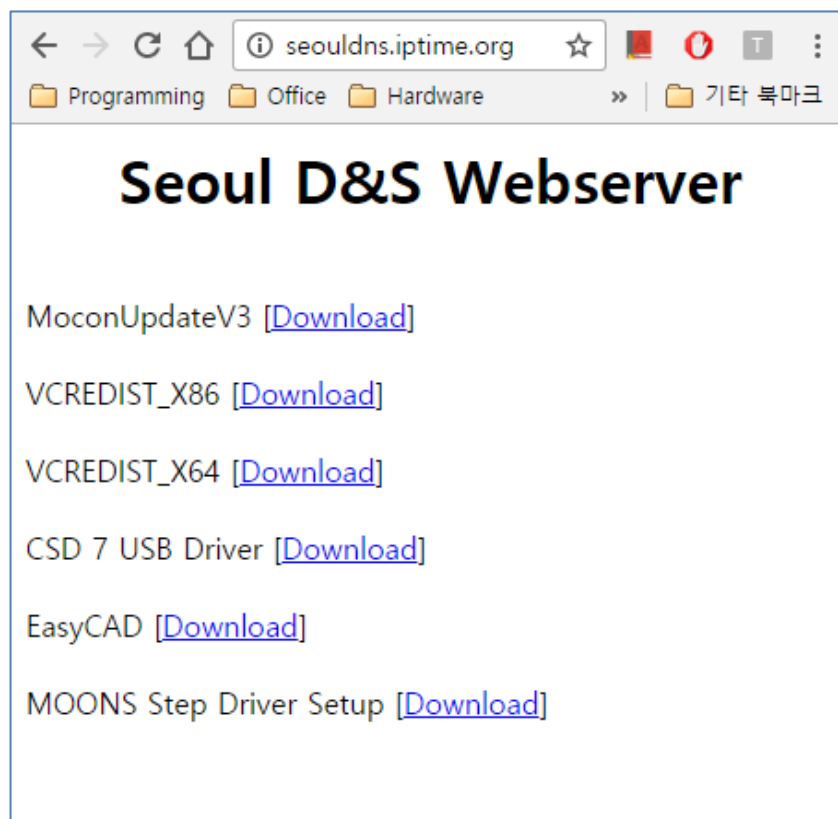
The “MoconUpdateV3” is update program for bender machines of Seoul D&S. this program get latest update files using internet. Therefore before using this, the machine that need to update must have internet connection. If machine couldn't connect to internet, you need download the update files at the other pc that can connect to internet. And copy the downloaded files to PC of the machine. then update by using local update function.

1. Turn on the machine.

Update process will work if machine has turned on. Therefore before the update process, make the machine status that is workable.

2. Connect “<http://seouldns.iptime.org>” using web browser.

(MS Internet Explorer, Google Chrome, Firefox)

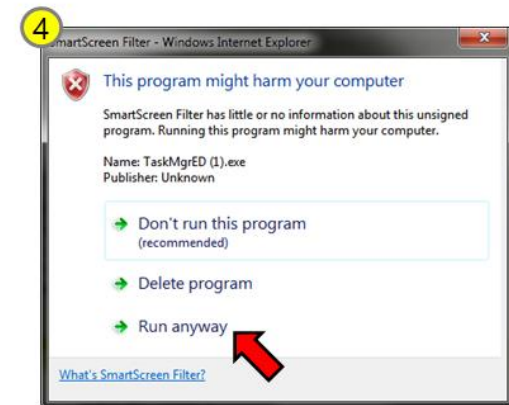
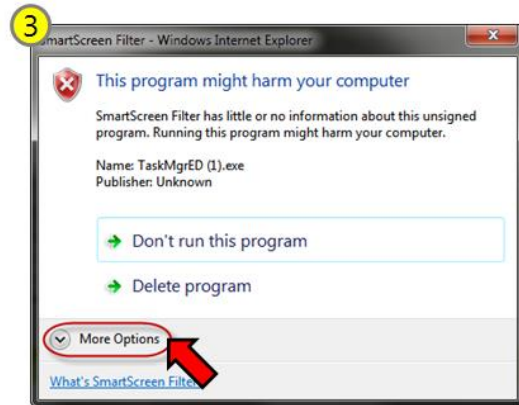


3. Download “MoconUpdateV3”.

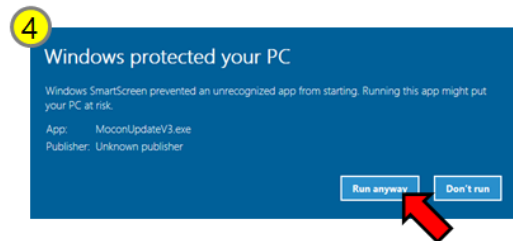
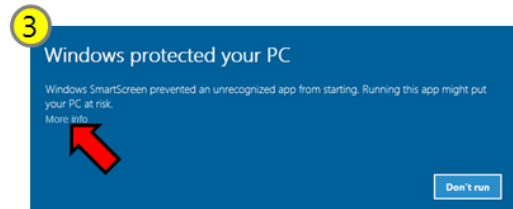
MoconUpdateV3 [Download](#)

Latest Web browser in latest Window 7, Window 8 and Window 10, may occur warning for download. Then follow the direction.

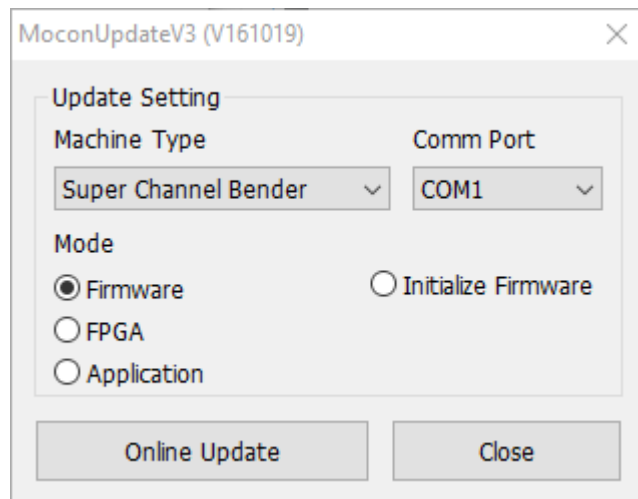
For Windows 7 with IE 11



For Windows 10 with IE 11

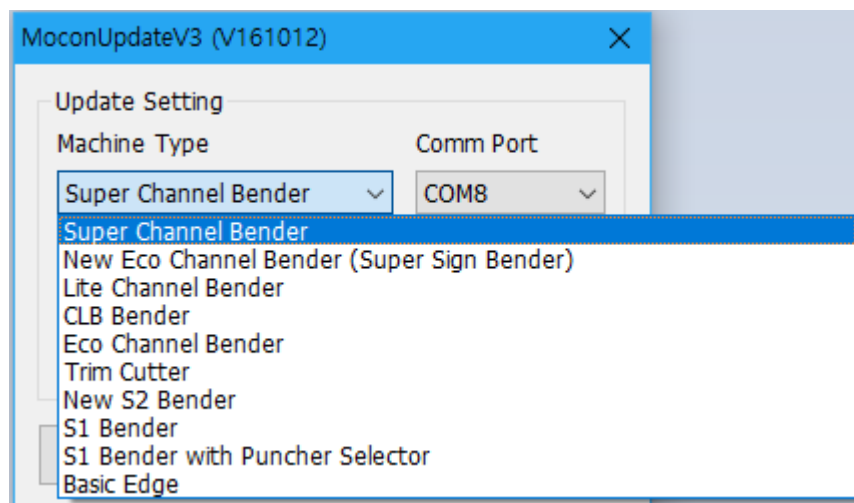


4. Update program "MoconUpdateV3" launch.



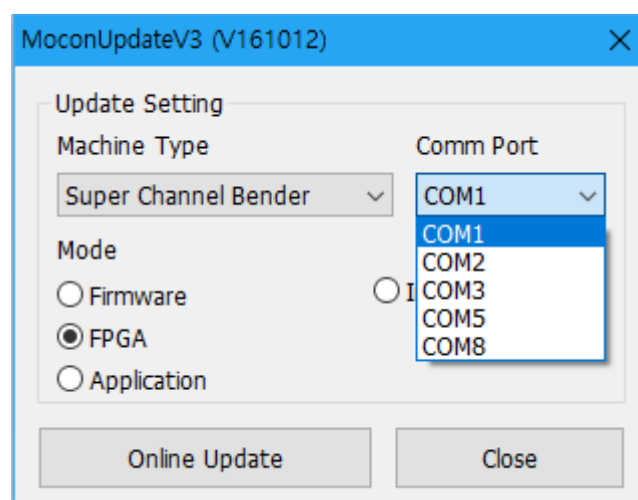
5. Select the machine type.

Select the same type as the current machine.



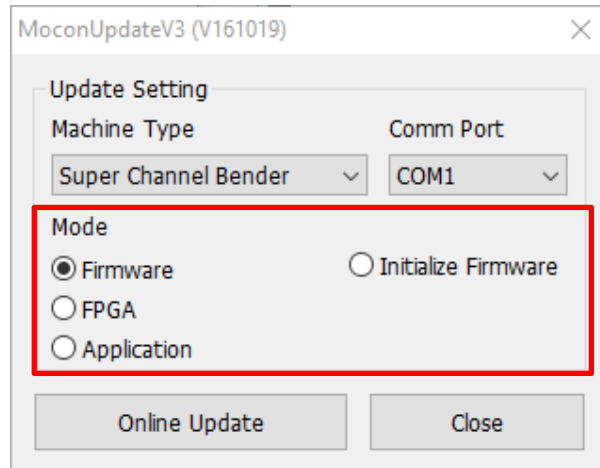
6. Select the communication port.

Select the communication port for update process. Typically port is "COM1".



7. Select the update mode.

- Firmware : Update a program in control board (For Machine work process)
- FPGA : Update a FPGA(Field Programmable Gate Array) rom image in control Board (For Motor control circuit)
- Application : Update or install an application latest stable version. (For EasyB)
if application was install, update program will be backup and update an application except with learning files (EL folder) and configuration files (CFG folder).
- Initialize Firmware : If failed while firmware update process, the control board do not work. In this situation, you need recover the control board by using this mode.



8. Click the "Online Update" button.

Click the "Online Update" button. Then this program show black console box and update process will start.

In "Firmware" and "FPGA" mode, if update process did not proceed automatically, turn off the "I/O Switch" or "Control Board Power" and turn on.

In "Initialize Firmware" mode, The "Boot Switch" in control board move to "BOOT" side. And turn off the "I/O Switch" or "Control Board Power" and turn on. Click the black console box, press "Enter/Return" key in keyboard. when initializing process is start, the "Boot Switch" in control board move to "RUN" side.

In "Application" mode, this mode will not make a problem.

9. Complete

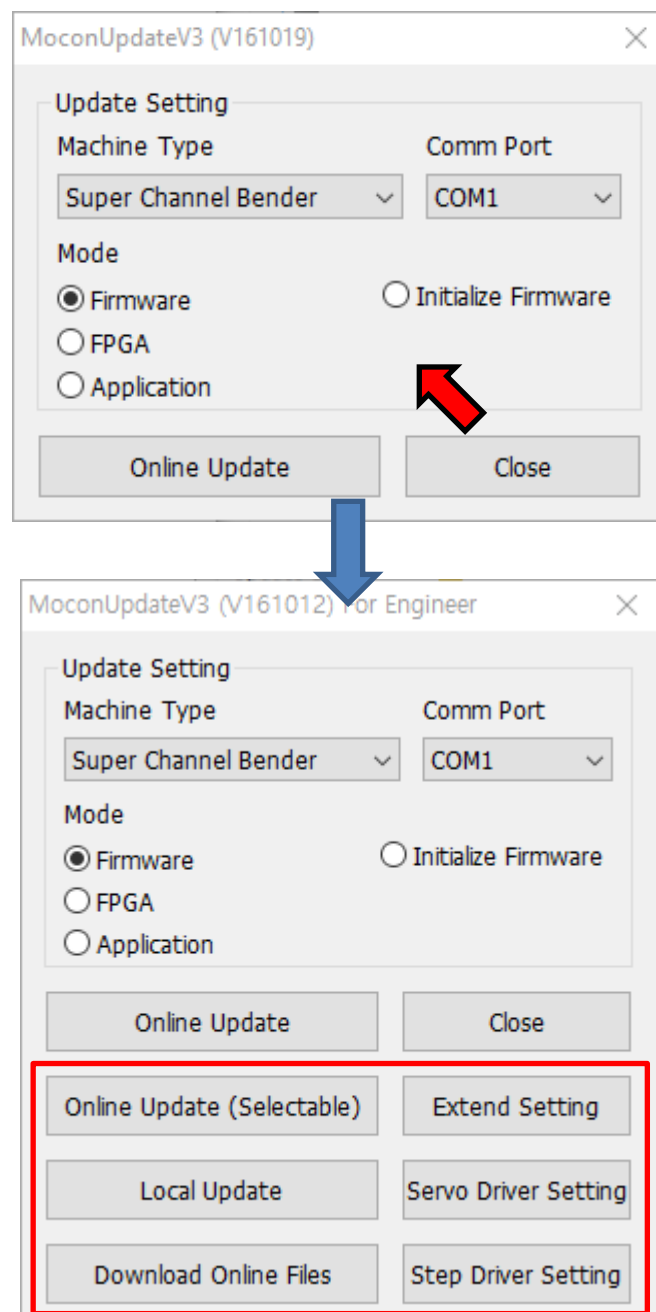
Update process is complete.

“MoconUpdateV3” For Engineer

The “MoconUpdateV3” has engineer mode. This mode need many knowledge about the machine. If you didn't have enough understanding of machine's mechanical and electrical working process, **Using this mode is not recommended.**

E1. Double Click the empty space of update program.

Double click the empty space of update program, then change the program to engineer mode.



E2. Description of engineer's function

A. Online Update (Selectable)

Basically "Online Update" button will update the machine using latest version.
But if you need to update with old version, Use the "Online Update (Selectable) button."
This function serve version selecting.

B. Local Update

If machine couldn't connect the internet, You can update by the "Local Update" button.
The "Local Update" button can update by saved files in hard disk or movable storage.
To download the necessary files, Where a PC that can connect internet, use the "Download online files" button.

C. Download Online Files

If you want download the update files, then use this button. It will download the all files about selected machine type to the folder was named machine type. The download folder is in folder that was executed the update program.

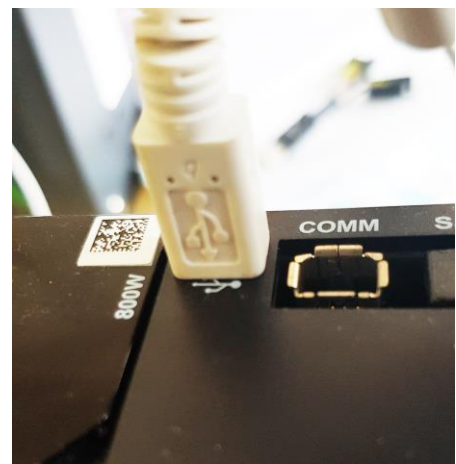
D. Extend Setting

If the machine had extend setting values, click the this button. Then show setting window.

E. Servo Driver Setting

This function setup the servo motor driver with setting preset on internet. It only support the CSD 7 Servo Motor Driver of RS Automation company.

Connect the setting cable between PC and Servo motor drive. The cable was served when machine was shipped.



Then servo driver's windows device driver is installed automatically. If PC didn't install this automatically, please download and install the CSD 7 USB driver from our homepage (<http://seouldns.iptime.org>). and restart the "MoconUpdateV3". Now you can select another comport except "COM1". (Typically it is "COM3" or "COM4".)

Click the "Servo Driver Setting" button, and you can select the setting preset. Select a suitable preset for each servo driver.

F. Step Driver Setting

Step driver setting function setup the "MOONS" Step motor drives with setting preset on internet. Connect the setting cable between PC and Step motor drive. And choose the setting preset and click the "OK" button.

