**STM32CubeProgrammer setup for production**

Steps

1. Make sure you have administrator rights before proceeding.
2. Download the latest version of STM32CubeProgrammer [here](https://www.st.com/en/development-tools/stm32cubeprog.html#overview) then install it.
3. Once installed, copy the EEPROM external loader file [BR24L04W.stldr](file:///Z:\Production_Tools\STM32_External_Loaders) to [Loaders](file:///C:\Program%20Files\STMicroelectronics\STM32Cube\STM32CubeProgrammer\bin\ExternalLoader).
4. Launch STM32CubeProgrammer.

This is the screen you should get.

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Description automatically generated

1. Select required external loaders by clicking the ***EL*** button.

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Make sure to select both loaders:A screenshot of a computer

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1. Next, prepare the firmware flashing sequence by clicking the ***Arrow Down*** button.

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In the ***Download*** section, choose the firmware to program by using the ***Browse*** button.

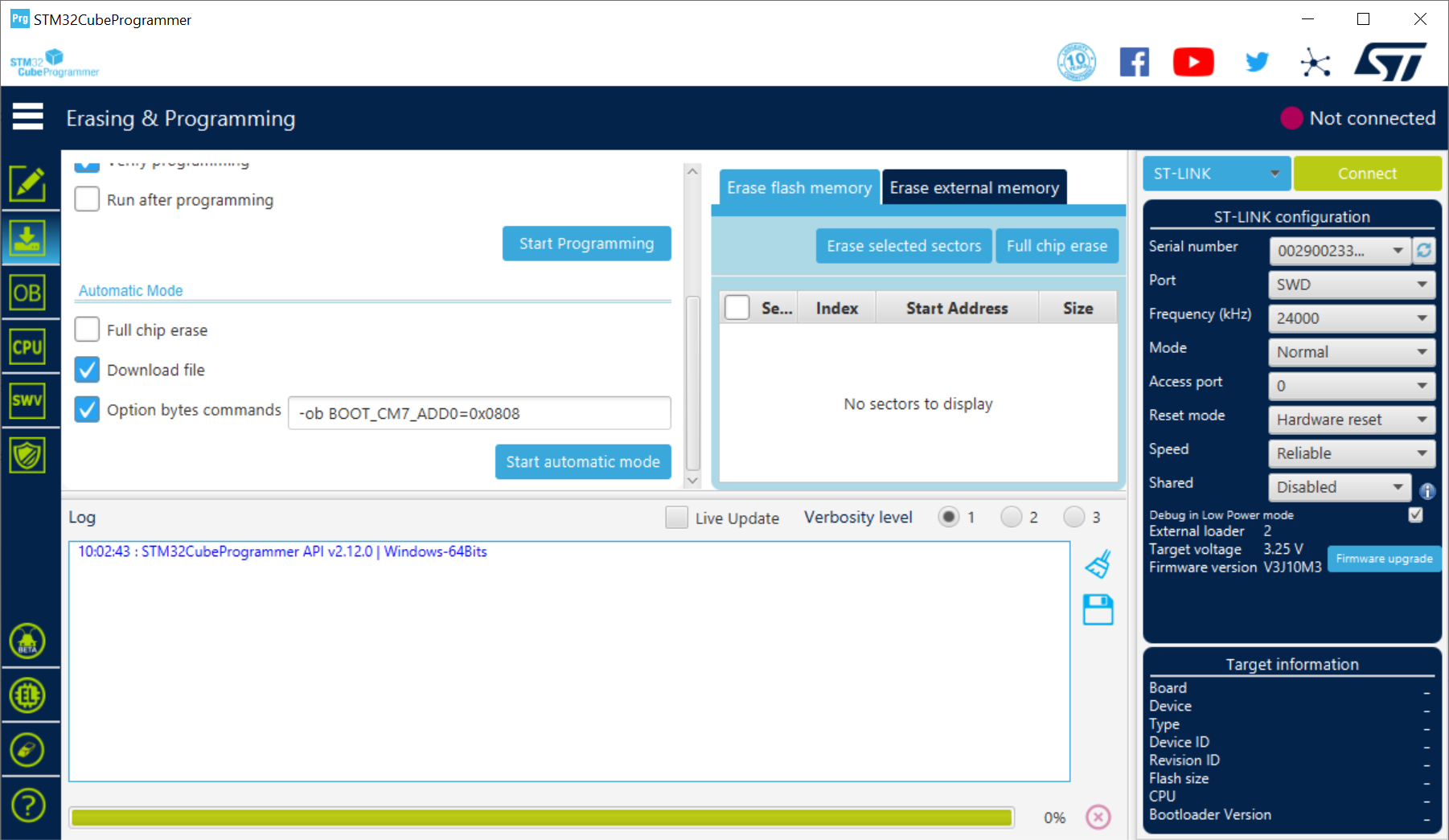
Then, apply the same settings as shown below.

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In the ***Automatic Mode*** section, apply the same settings as shown below.

Make sure to enter the option bytes commands string exactly as is.



1. Enable firmware flashing process by clicking the ***Connect*** button.

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1. Perform actual flashing process by clicking the ***Start automatic mode*** button.

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Once flashing completes, the following screen will show.

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Description automatically generated

As displayed in red in the ***Log*** window, disconnect the newly flashed device, then connect the next one to be flashed. This will automatically trigger the next programming process.

Once all devices have been programmed, click the ***Stop automatic mode*** to return to normal mode.

NOTE: Steps 1 to 6 need to be performed only once after installing the programmer software.

For further uses of the programmer, simply click the ***Arrow Down***, ***Connect***, and

***Start automatic mode*** buttons.