Modicon MC80 Controller
BMKC80x03xx Firmware SV1.7
Upgrading Guideline



Internal

1 INTRODUCTION

This document gives an introduction on how to upgrade Firmware from SV1.6 to SV1.7.

NOTICE
FIRMWARE UPGRADE Please update the FW to SV1.6 firstly if current version is lower than SV1.6. **Failure to follow these instructions can result in equipment damage.**

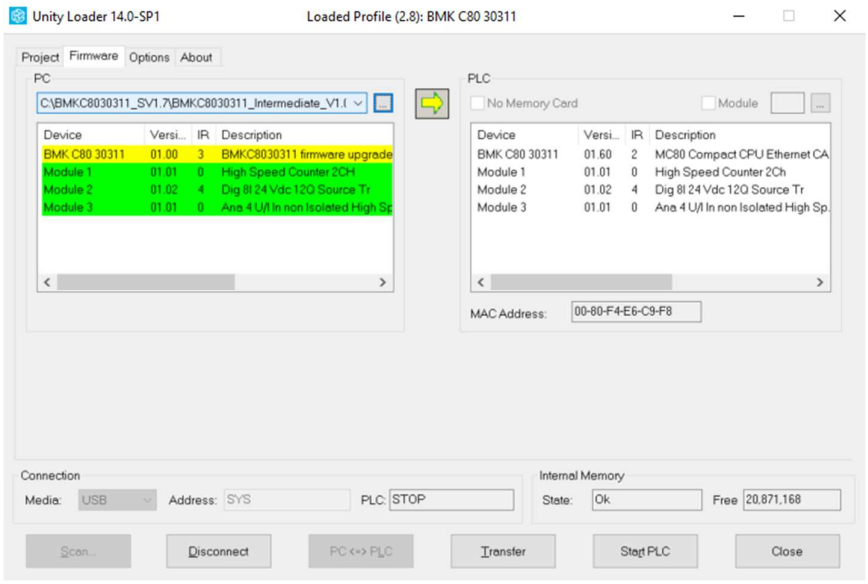
2 UPGRADING PROCESS

There are **THREE** steps to finish the Firmware upgrading.

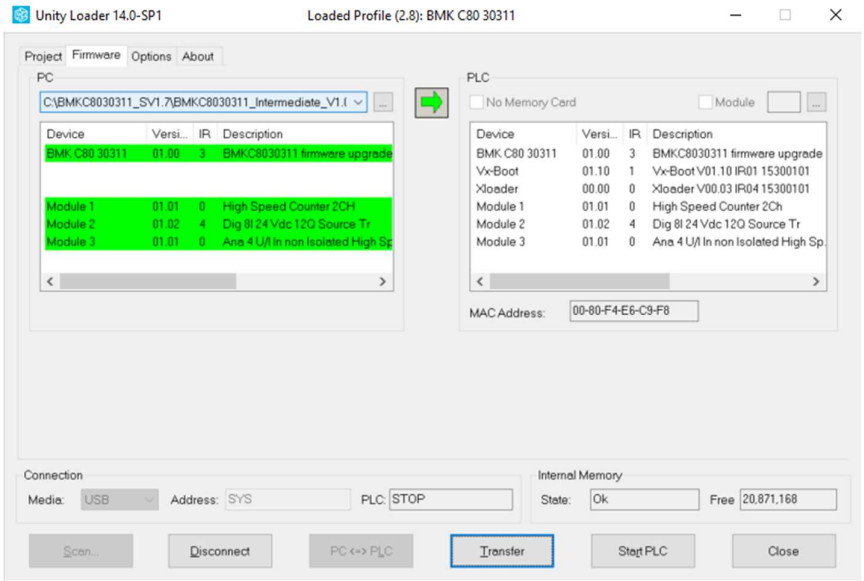
2.1 Step 1: Upgrade Firmware to intermediate version

Load “BMKC80x03xx_intermediate_V1.0.ldx” file by Unity Loader, then upgrade this intermediate Firmware.

For Example:



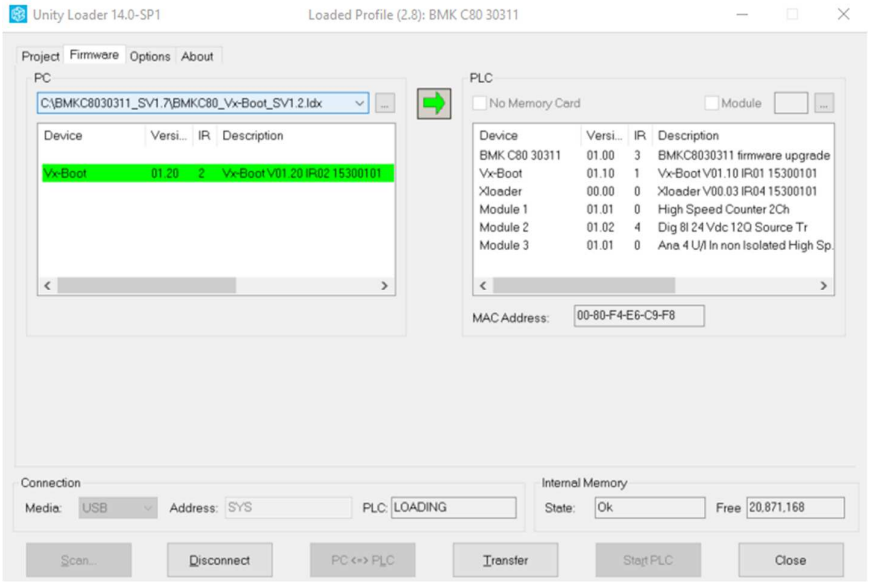
If the upgrading is finished successfully, we can get below upgrading screen.



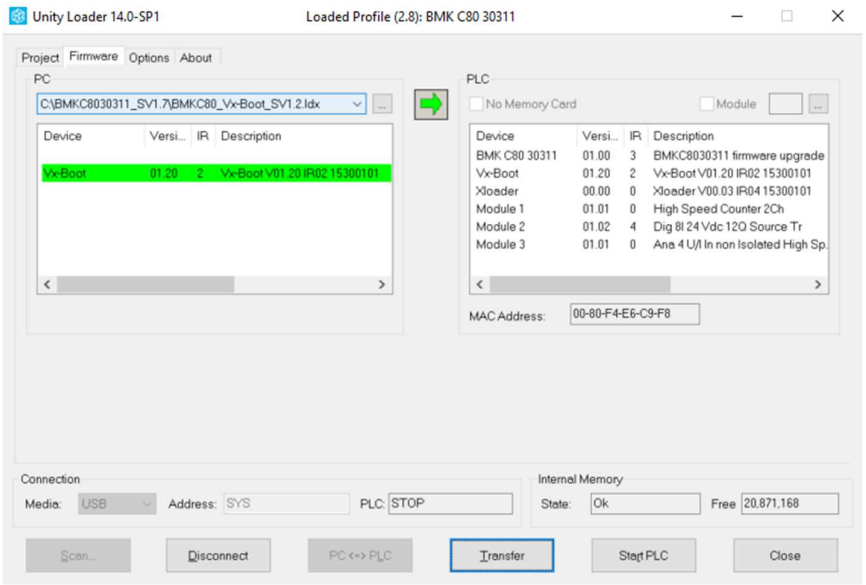
2.2 Step 2: Upgrade Vx-Boot Firmware SV1.2

Load “BMKC80_Vx-Boot_SV1.2.ldx” by Unity Loader, then upgrade Vx-Boot Firmware to SV1.2.

For Example:



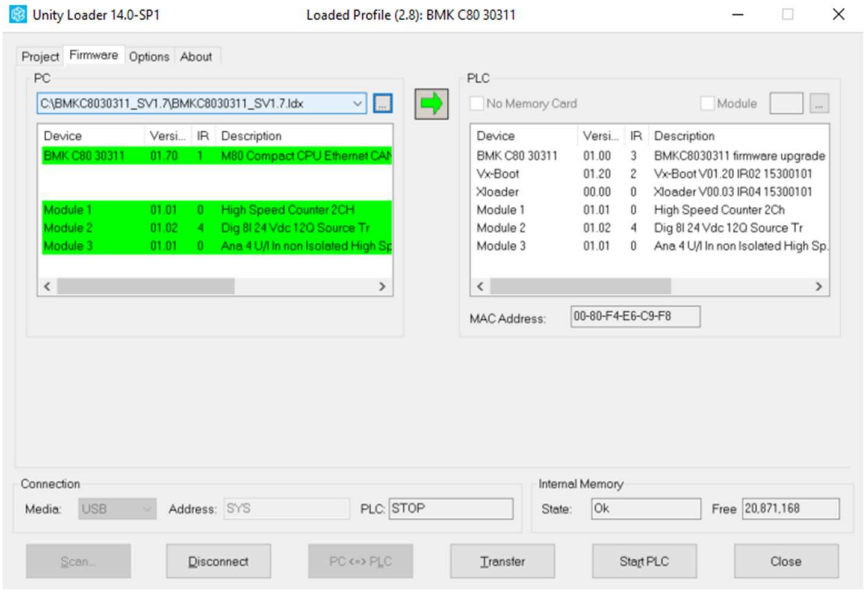
If the result of Vx-Boot update is successful, Unity Loader will display below successful message.



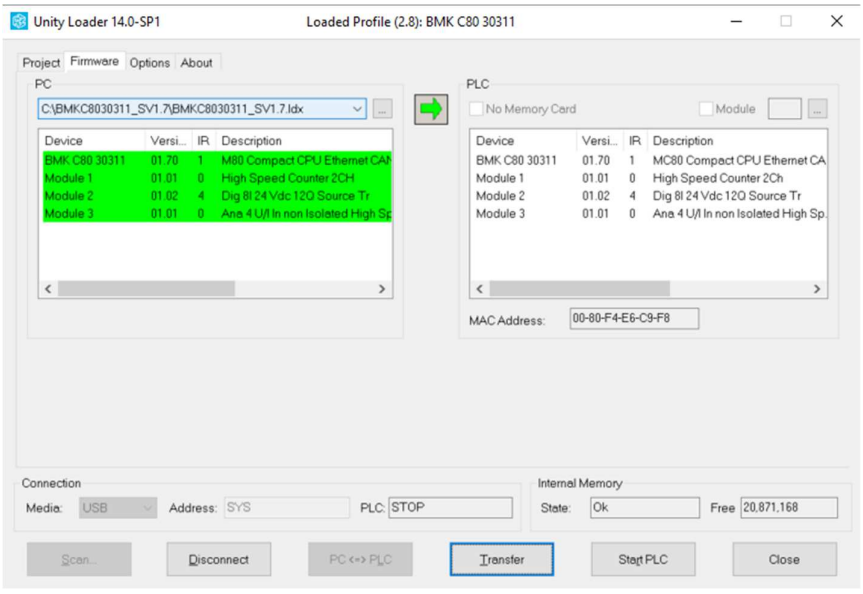
2.3 Step 3: Upgrade Firmware to SV1.7

Load “BMKC80x03xx_SV1.7.ldx” by Unity Loader, then upgrade Firmware to SV1.7.

For Example:



Once Firmware upgrading successful, the PLC Firmware version shown on right pane must be “01.70”.



⚠ WARNING

PLC OPERTATION STATE

PLC is not permitted to enter “RUN” state if the whole upgrade process is not completed.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

2.4 LEDs behavior during Firmware upgrading

Once the intermediate version is upgraded, RUN, ERR and I/O LEDs will blink slowly.

After the whole upgrading process completed, these three LEDs will behave normally.