

Firmware upgrade procedure for BMXART0814 to BMXART0814.2 for M580

Goals and Symptoms

How to upgrade the current BMXART0814 firmware to the latest firmware 2.1 to work with the M580 platform?

Facts and Changes

M580, BMXART0814.2

Causes and Fixes

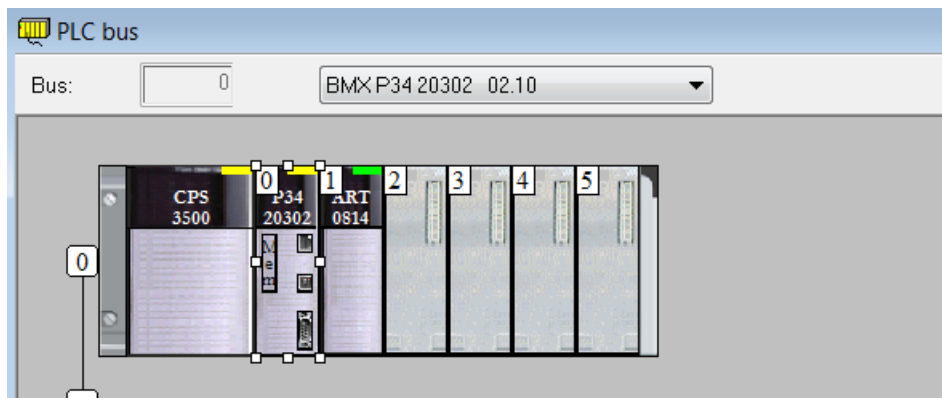
The attached LDX file (V2.1) is needed:



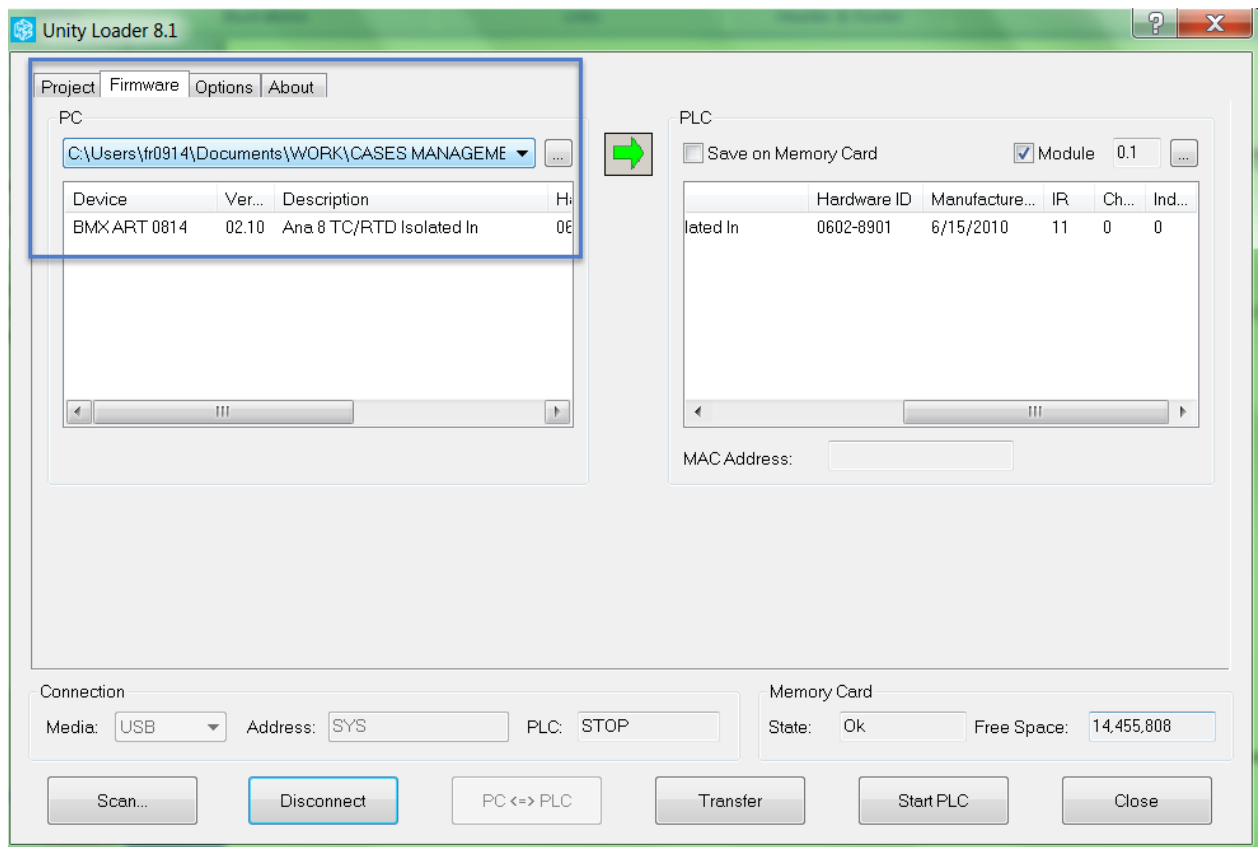
ART_0814_FW_R_RU
N2.zip

The procedure is as follow:

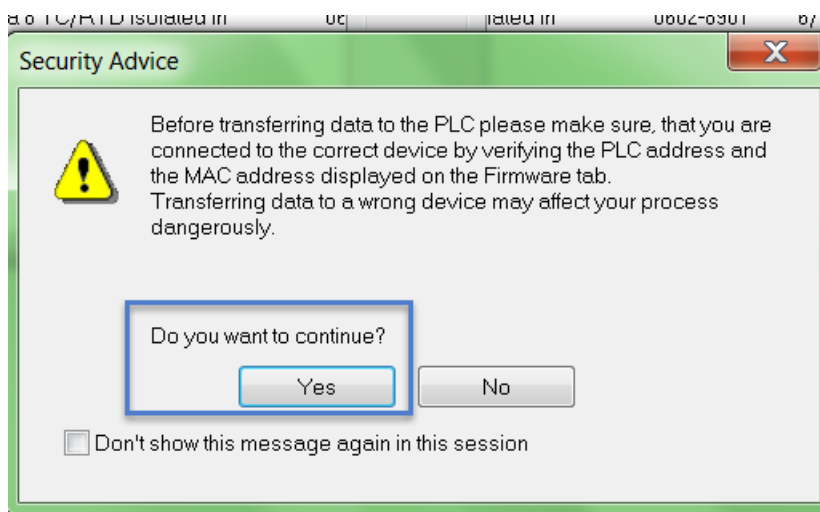
- 1- Configure a basic set up in Unity with M340 and BMXART0814 module; build and download to the application to the M340 CPU



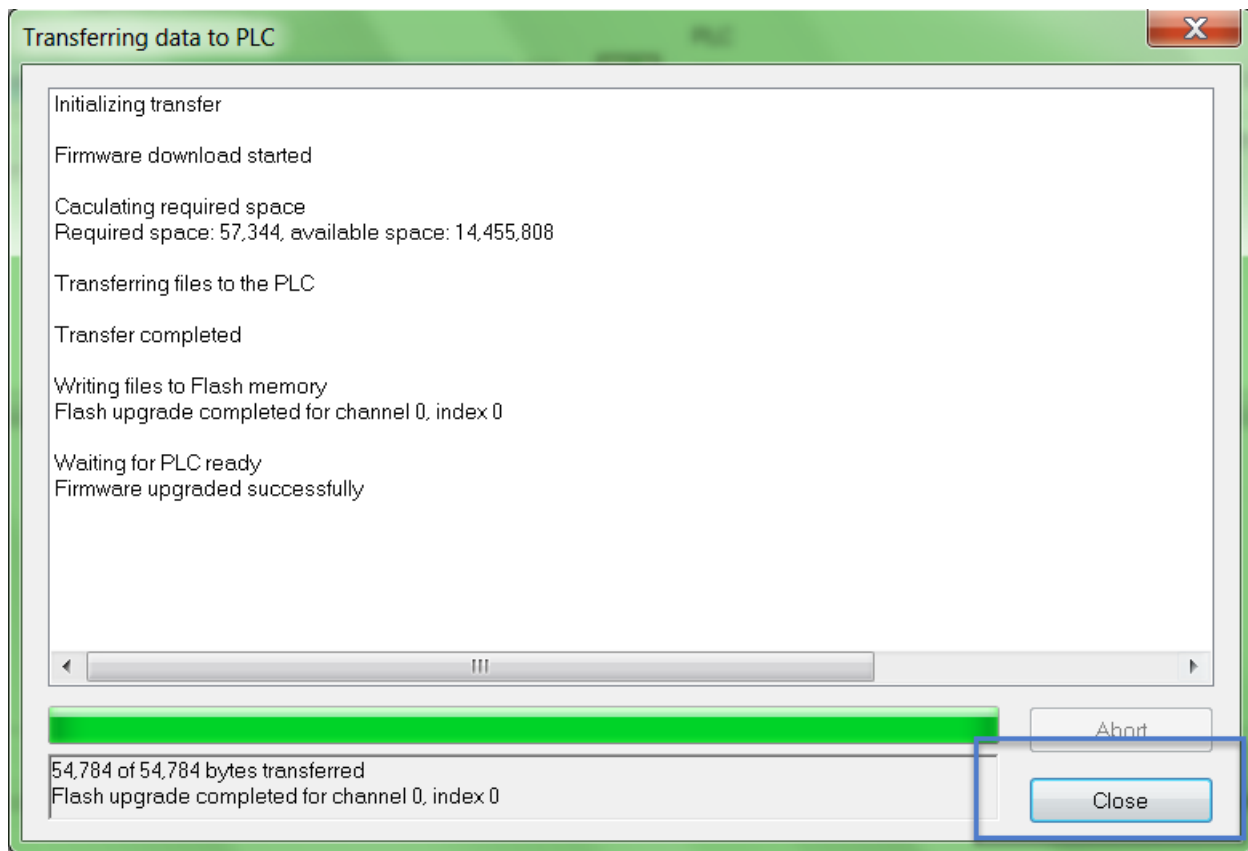
- 2- Disconnect the CPU in Unity and open Unity loader



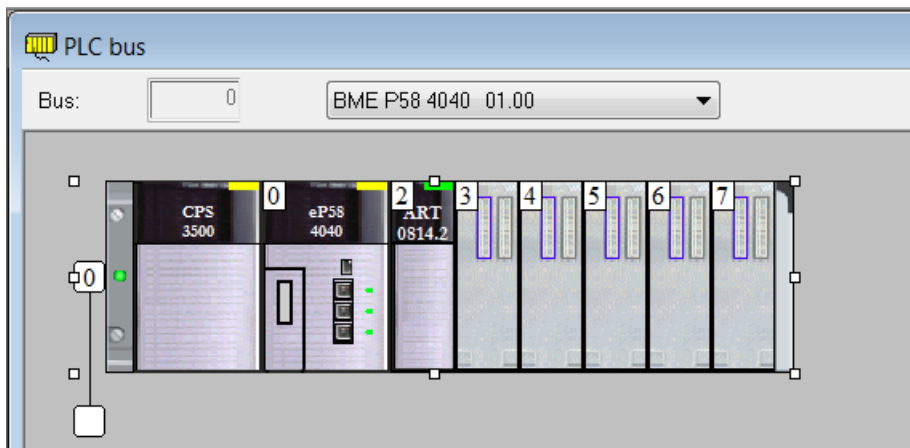
Click yes when prompted



Close when prompted



- 3- Disconnect from Unity loader and put the BMXART0814 in the M580 configuration to be used...



BMX ART 0814.2 (MOD

- Channel 0
- Channel 1
- Channel 2
- Channel 3
- Channel 4
- Channel 5
- Channel 6
- Channel 7

Configuration

Debug

	Symbol	F	Error	<	Value	>	Filter	Alignment
0	MOD_ANA_8_1.ANA_CH_IN[0].ANA.VALUE				178		0	0
1	MOD_ANA_8_1.ANA_CH_IN[1].ANA.VALUE				334		0	0
2	MOD_ANA_8_1.ANA_CH_IN[2].ANA.VALUE				380		0	0
3	MOD_ANA_8_1.ANA_CH_IN[3].ANA.VALUE				340		0	0
4	MOD_ANA_8_1.ANA_CH_IN[4].ANA.VALUE				124		0	0
5	MOD_ANA_8_1.ANA_CH_IN[5].ANA.VALUE				307		0	0
6	MOD_ANA_8_1.ANA_CH_IN[6].ANA.VALUE				308		0	0
7	MOD_ANA_8_1.ANA_CH_IN[7].ANA.VALUE				269		0	0