# Downloading Compiled MCS Program

There may be cases where a user needs to download a compiled Machine Control Studio (MCS) program either to the drive onboard memory or to an MCi2x0 module. This may be due to the user not having access to the source code (only supplied the complied code) or an OEM that wants to download the same program to many drives. To do this the Connect PC software has a feature where the compiled program (APP file in onboard and UBA in MCi2X0) can be downloaded to the target.

To do this the following steps need to be performed:

Onboard Programs

1. Go online with the drive the user wishes to download the compiled MCS program
2. On the drive dashboard click on the Deploy User Program button
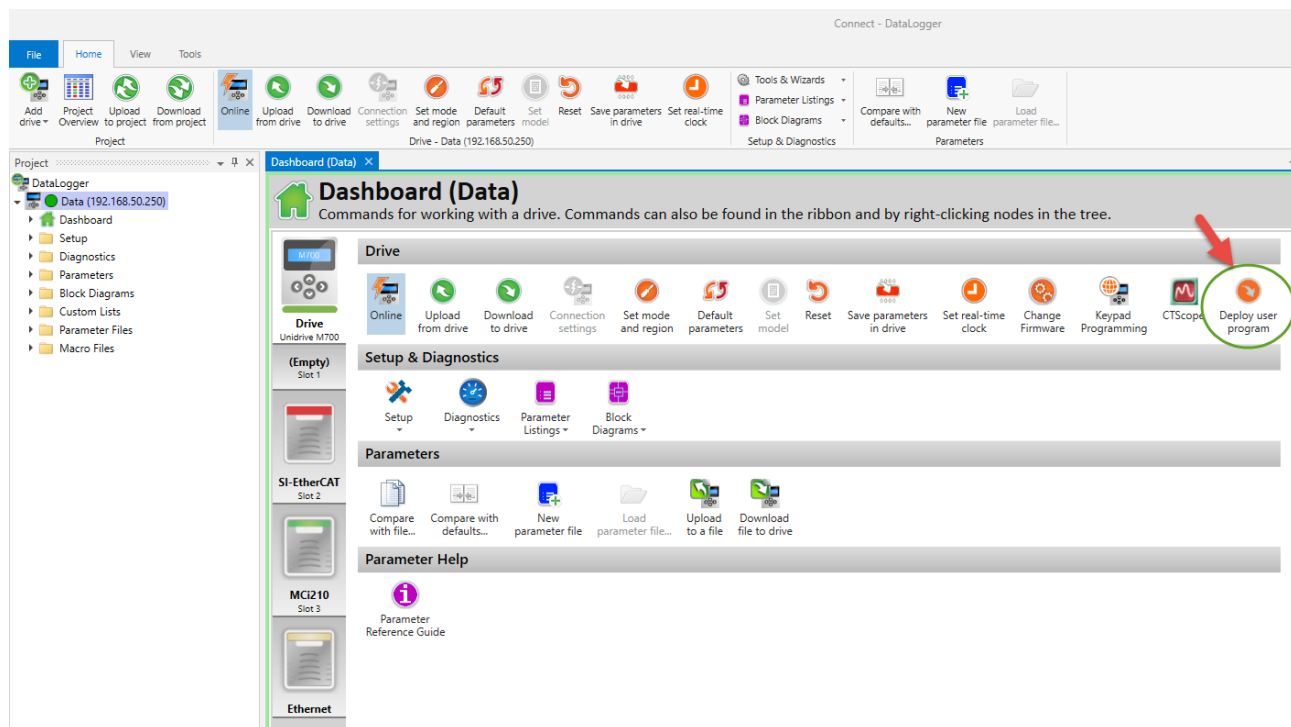
3. Navigate to the APP file you wish to download and select Open
4. You will be prompted if you want to overwrite the drive program file as seen below. The onboard program doesn't support source code downloads and only support compiled code downloads. This prompt is to ensure the user is certain they want to do this download as there is no way to recover the overwritten program without the source code.

Deploy user program

The program file on the drive is protected. Are you sure you wish to overwrite it?

[✓ Yes] [✗ No]
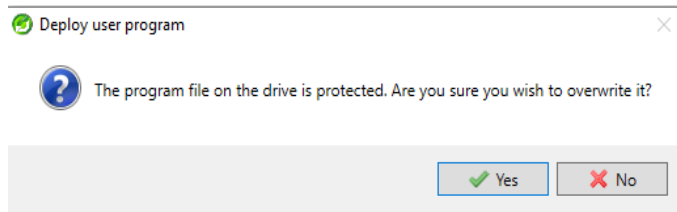
5. Once done deploying to verify the program is running OK navigate to Pr11.047. It should be RUN and Pr11.048 should be 1 indicating the user program is running.
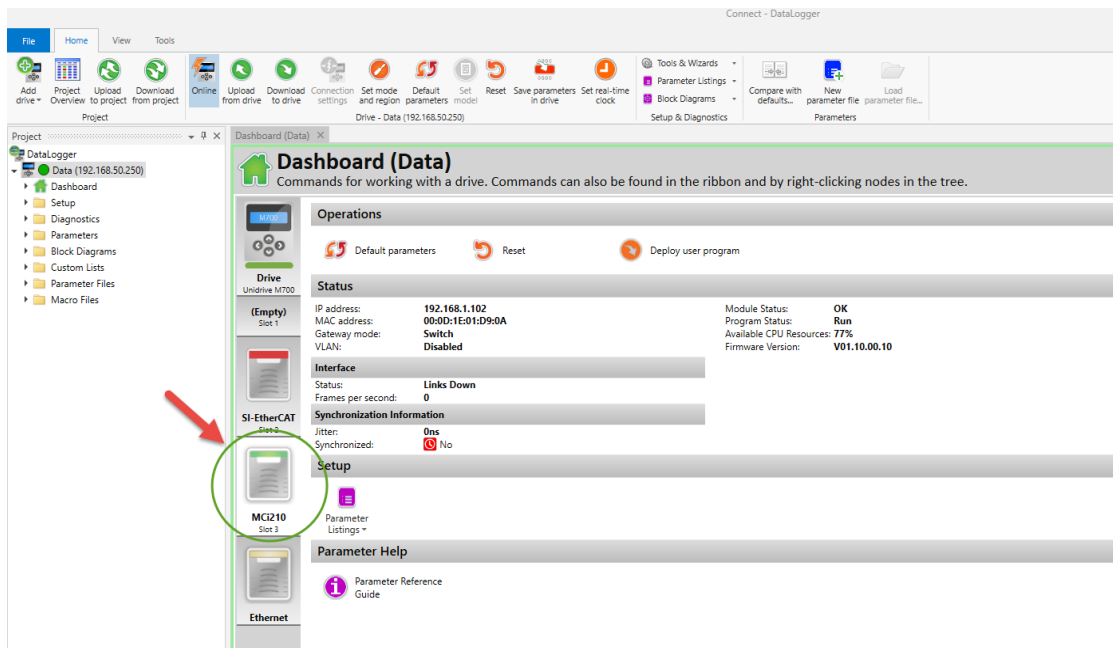

MCi2X0 Programs

1. Go online with the drive the user wishes to download the complied MCS program.
2. On the drive dashboard click on the MCi2x0 module. NOTE: Screen shot shown below may vary depending on your drive configuration and modules installed.

3. Click on the Deploy User Program Button
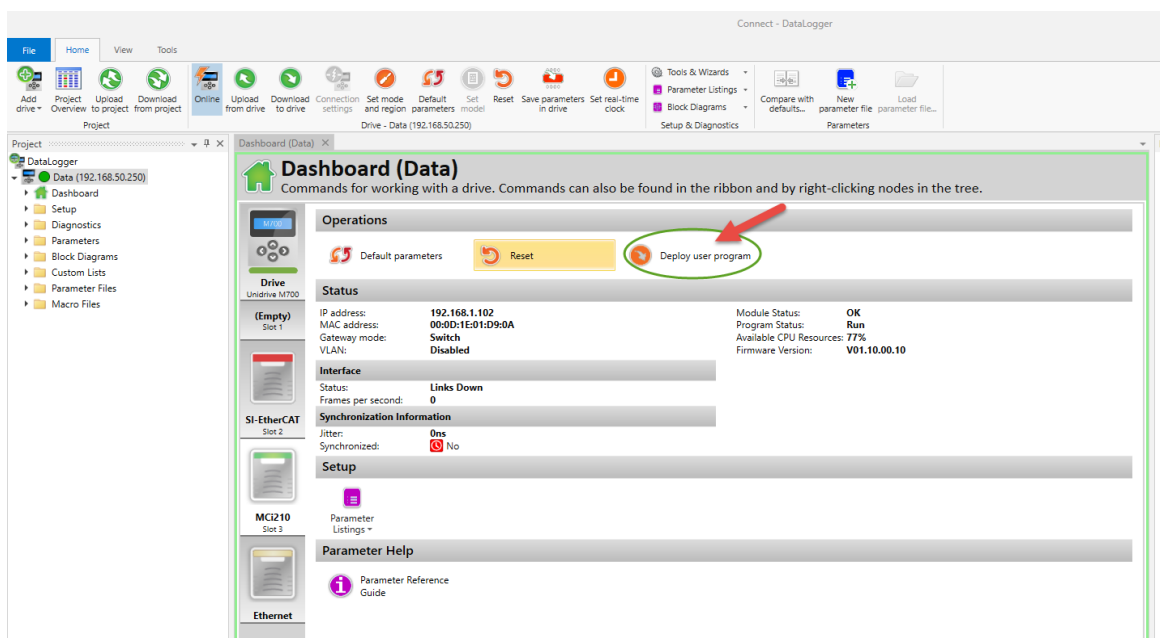
4. Navigate to the UBA you wish to download and select Open.

5. Once done deploying the file and the module has finished its reset/initial task you should see the Module status go to OK and Program Status go to Run to indicate the file was deployed correctly and the program is running