

TT200502 – FUP - Controller Upload Details

Note

This Support Knowledge Base article KB is the result of a support request.

It is not part of the official documentation of DEOS AG and does not claim to be complete.

The article is intended to support the solution of a similar problem.

If you have any questions, comments or additions, please contact DEOS AG Support.

Title

FUP - Controller Upload Details (TT200502)

Object

FUP

Reference version

2

Date

05.2020

Author

EK

Goal

To understand the details of FUP controller upload

Content:

Test | DDC101 (Loader) x

Connection settings

IP address: 192.168.170.100
Comment: Test OPEN
Project name: Test
Controller program name: DDC101

Project data

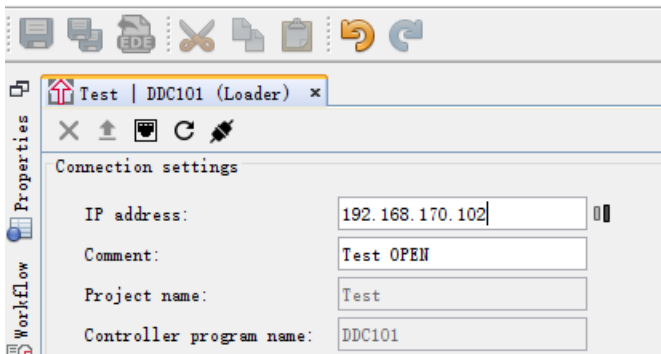
	Local	OPEN EMS
Hardware	COSMOS 600 OPEN	COSMOS 600 OPEN
Version	1.062a	1.056a
Project name	TEST	TESTING
Controller program name	DDC101	DDC100
IP address	192.2.170.100	192.168.170.100

Release

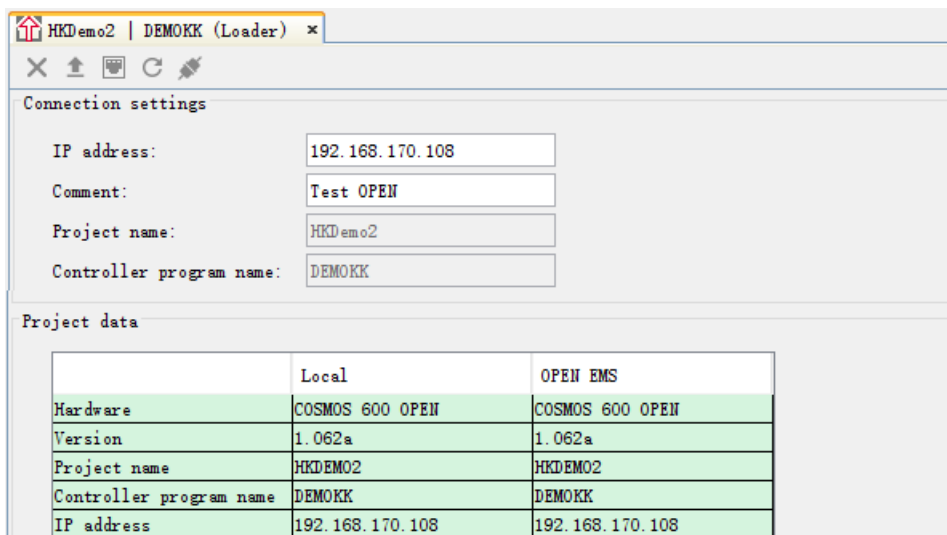
☐ Overwrite the project name and controller program name
☐ Overwrite IP address (current: 192.168.170.100 | new: 192.2.170.100)
☐ The new IP address (192.2.170.100) is not available after loading from this network (192.168.170.100)
☐ Update the firmware version to 1.062a


TT200502 – FUP - Controller Upload Details

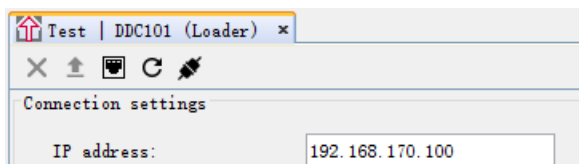
1. After you compile the controller successfully, you can upload it to the controller. Based on the controller IP settings in FUP, it will try to find the controller on the network. Please note that the IP here should be the original (old) IP of the controller you're going to upload



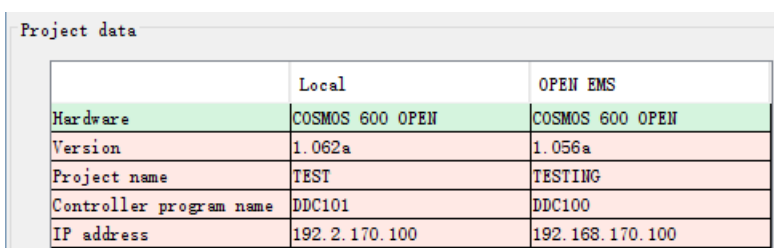
2. If the controller is found, it will show the information like below. Normally, all colors are green (it means the correct controller is found) and you can start to upload to the controller



3. If it's not found, then maybe the IP set in FUP and the actual controller IP is not correct. You can try to find the controller IP by following TT180701 and TT180702. If you're using a new controller, please use the IP 192.168.170.100. Click  button to connect to the controller



4. In the "Project data", the "Local" column are the controller settings in FUP, and the "OPEN EMS" column are the actual controller details. If you see the color is "pink", then you need to be careful and need to double check if it's the actual and correct controller you want to upload to!!!



5. In the “Release”, you can find the explanation of the differences and you need to manually “tick” all the items before you can upload to the controller.

Release

- ☐ Overwrite the project name and controller program name
- ☐ Overwrite IP address (current: 192.168.170.100 | new: 192.2.170.100)
- ☐ The new IP address (192.2.170.100) is not available after loading from this network (192.168.170.100)
- ☐ Update the firmware version to 1.062a

6. If you see any one of these messages (especially when you upload on-site), please check the IP again, otherwise you may upload to a wrong controller on the network

- ☐ Overwrite the project name and controller program name
- ☐ Overwrite IP address (current: 192.168.170.100 | new: 192.2.170.100)

7. If you’re changing the controller IP subnet in FUP (e.g. from 192.168.170.100 to 192.2.170.100, then you will get the below message. Please note that after the upload, FUP will not be able to find the controller again and therefore an error will occur (it’s not a problem!)

- ☐ The new IP address (192.2.170.100) is not available after loading from this network (192.168.170.100)

8. If you’ve updated the controller with a new firmware in FUP, then you’ll get the below message. Please follow TT190402 to backup the controller before you perform the upload

- ☐ Update the firmware version to 1.062a

9. If everything is checked and confirm OK, then you can tick all the items and start the upload

	Local	OPEN EMS
Hardware	COSMOS 600 OPEN	COSMOS 600 OPEN
Version	1.062a	1.056a
Project name	TEST	TESTING
Controller program name	DDC101	DDC100
IP address	192.2.170.100	192.168.170.100

Release

- ☒ Overwrite the project name and controller program name
- ☒ Overwrite IP address (current: 192.168.170.100 | new: 192.2.170.100)
- ☒ The new IP address (192.2.170.100) is not available after loading from this network (192.168.170.100)
- ☒ Update the firmware version to 1.062a

Cancel Load

10. The upload may have many steps and take some time if the firmware need to be updated. During the “Initialize Data”, the controller will restart. After finish, you will see the below message

- ✓ 5. Step: 1.062 → 1.062a
- ✓ 6. Step: Initialize data
- ✓ 7. Step: Controller program DDC100 Load
- ✓ 8. Step: Initialize data

Output

License x HKDemo2 | DEMOKK (Loader) x

The data is being loaded on the OPEN EMS.
Data is being initialized
The data is being loaded on the OPEN EMS.
Data is being initialized
The OPEN EMS was successfully updated.
Connection established (192.168.170.100)