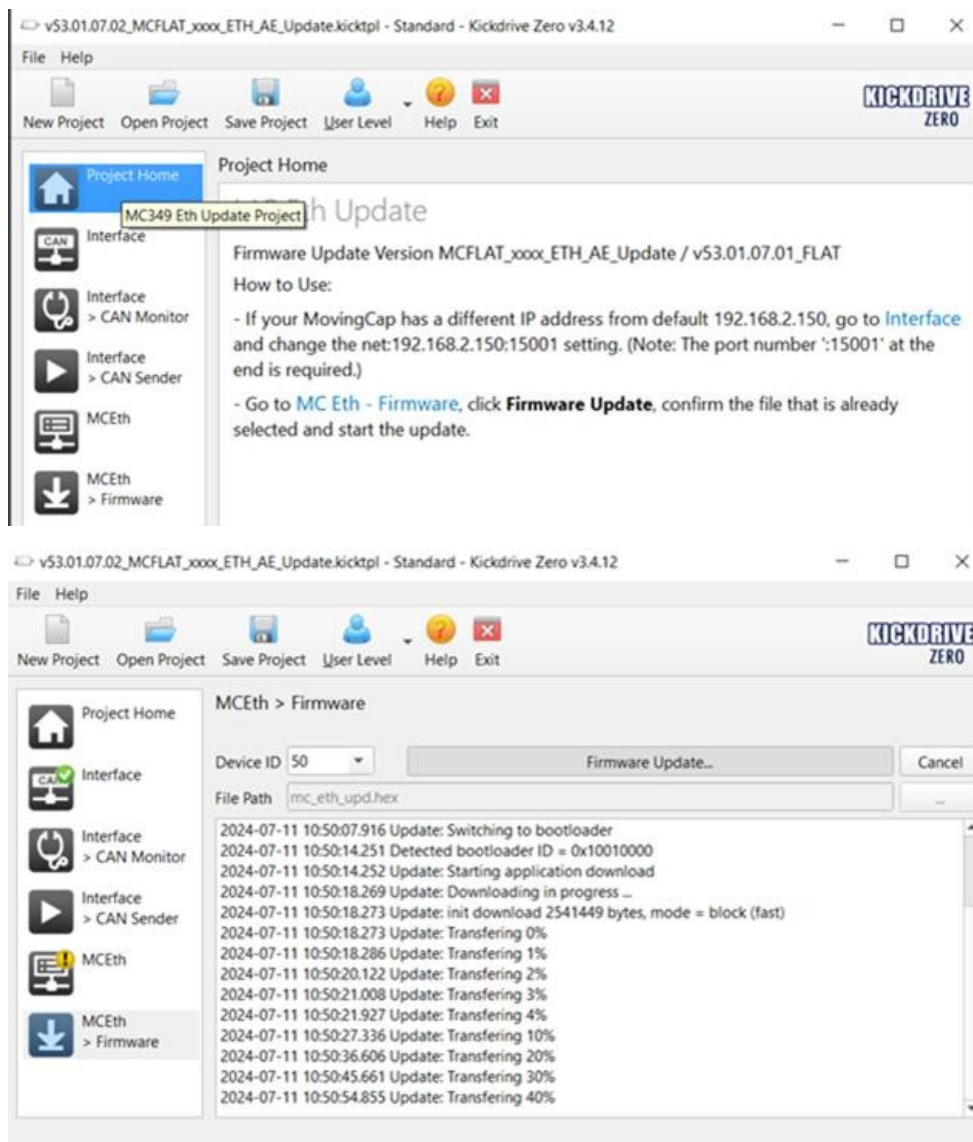


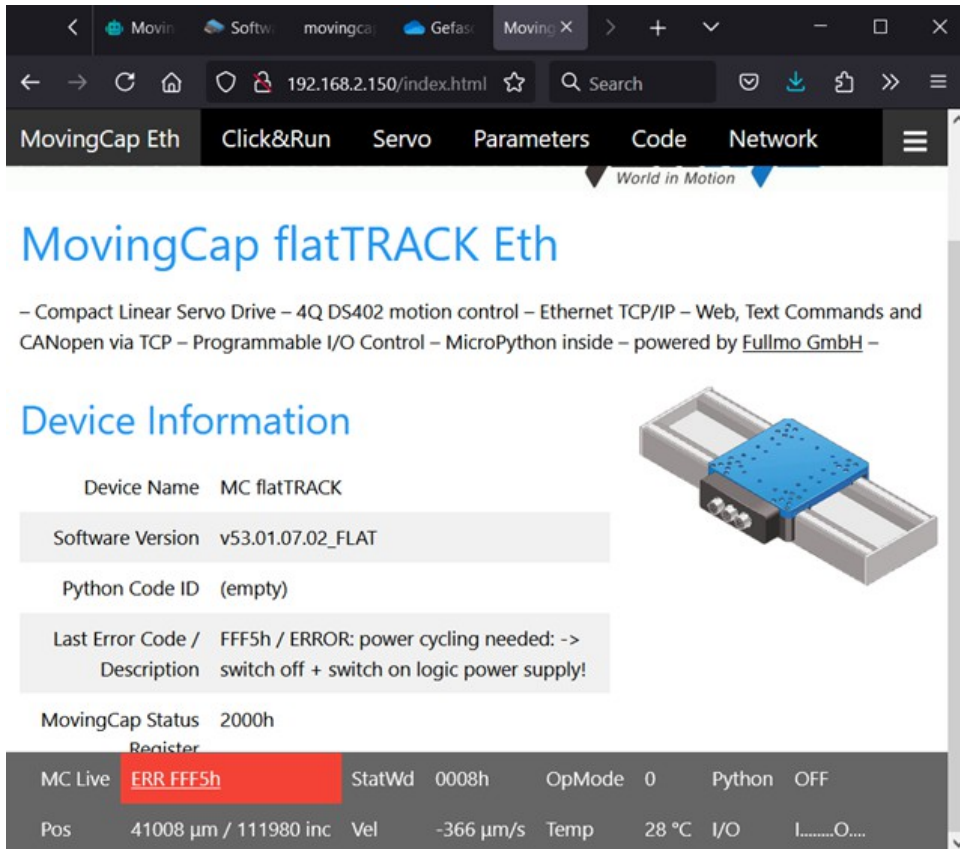
MC_ETH_Update_Notes.docx

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- System requirements for the update: Windows PC and an RJ45 Ethernet connection, if necessary via a separate USB-to-Ethernet accessory.
- **NOTE:** Save application parameters in advance! Depending on the previously installed firmware version, the firmware update often results in a reset to the factory settings (**factory reset**). If necessary, please clarify with our support team whether an update is possible without a parameter reset, or save the application settings in advance with Kickdrive.
- Set an IP4 address on the network adapter for the address range matching the MovingCap. E.g. IP4 address **192.168.2.10**. The default IP address for MovingCap Ethernet is **192.168.2.150**.
- Download the appropriate update project (e.g. **MC349_xxxx_ETH_RE_Update.kicktpl** or **MC349_xxxx_ETH_AE_Update.kicktpl**) and open it in the Windows software [Kickdrive Zero](https://kickdrive.de/sw/KickdriveZero.exe) (<https://kickdrive.de/sw/KickdriveZero.exe>) or [fullmo Kickdrive](https://kickdrive.de/sw/fullmoKickdrivePortable.exe) (<https://kickdrive.de/sw/fullmoKickdrivePortable.exe>) .
- Carry out the firmware update according to the information in the **Project Home** tile:
If necessary, set the IP4 address in the **interface** tile to match the MovingCap address as described. Then start the update via the **MCEth > Firmware** tile.



- After the update, a power reset must first be carried out - the drive displays this as ERROR FFF5h: "power cycling needed".



The screenshot shows a web browser window displaying the MovingCap flatTRACK Eth interface. The browser address bar shows the URL 192.168.2.150/index.html. The interface has a navigation menu with options: MovingCap Eth, Click&Run, Servo, Parameters, Code, and Network. Below the navigation menu is the title "MovingCap flatTRACK Eth" and a description: "Compact Linear Servo Drive – 4Q DS402 motion control – Ethernet TCP/IP – Web, Text Commands and CANopen via TCP – Programmable I/O Control – MicroPython inside – powered by Fullmo GmbH".

Device Information

Device Name	MC flatTRACK
Software Version	v53.01.07.02_FLAT
Python Code ID	(empty)
Last Error Code / Description	FFF5h / ERROR: power cycling needed: -> switch off + switch on logic power supply!
MovingCap Status	2000h

Register

MC Live	ERR FFF5h	StatWd	0008h	OpMode	0	Python	OFF
Pos	41008 µm / 111980 inc	Vel	-366 µm/s	Temp	28 °C	I/O	I.....O....

