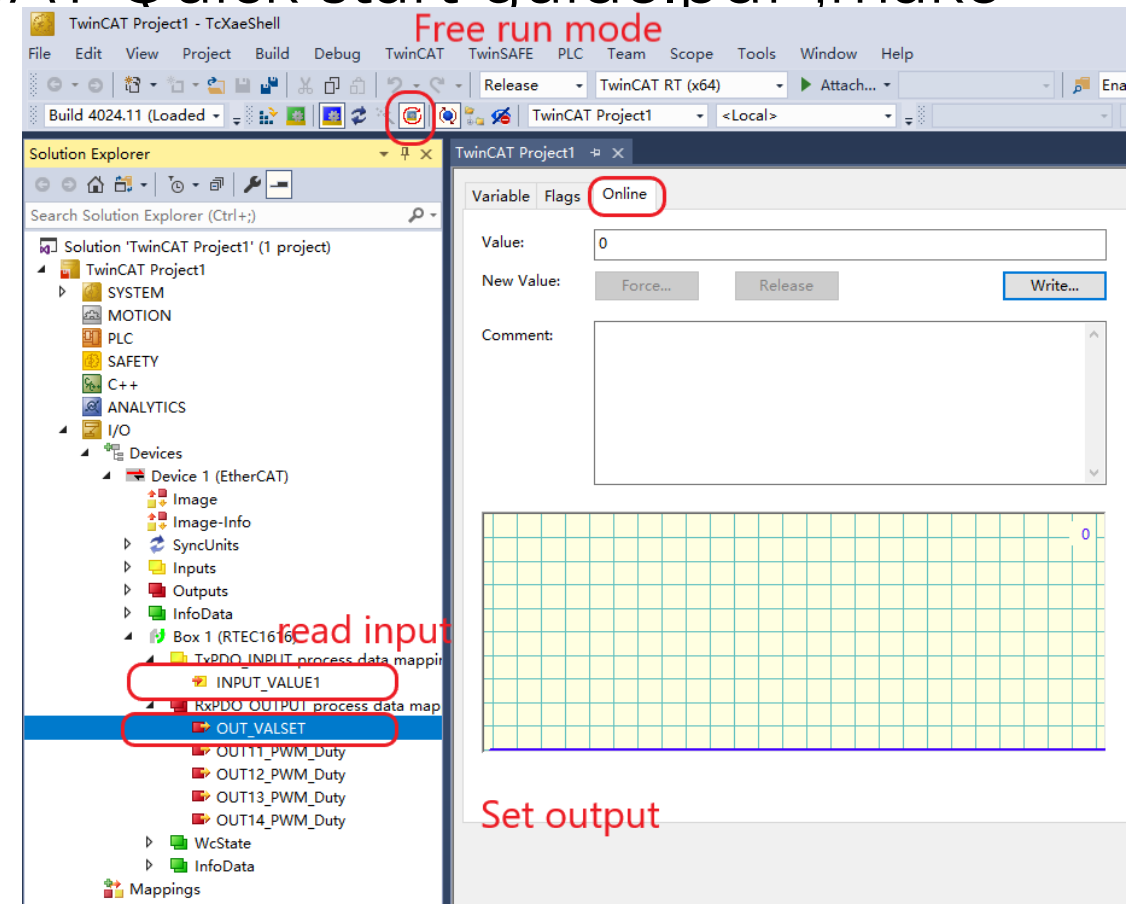# RTEC1616 – TwinCAT3.0 Update firmware via FoE

Prepare

- Please refer to"RTEC1616 TwinCAT Quick start guide.pdf",make the RTEC1616 in free run states.

Actions

① Enter bootstrap state

② Start download dialog

③ Select new firmware binary – "RTEC1616_2021_01_12.bin"

④ Enter 32bit passkey "0A880A88"

⑤ and confirm with „OK"

Check the progress of firmware download via FoE

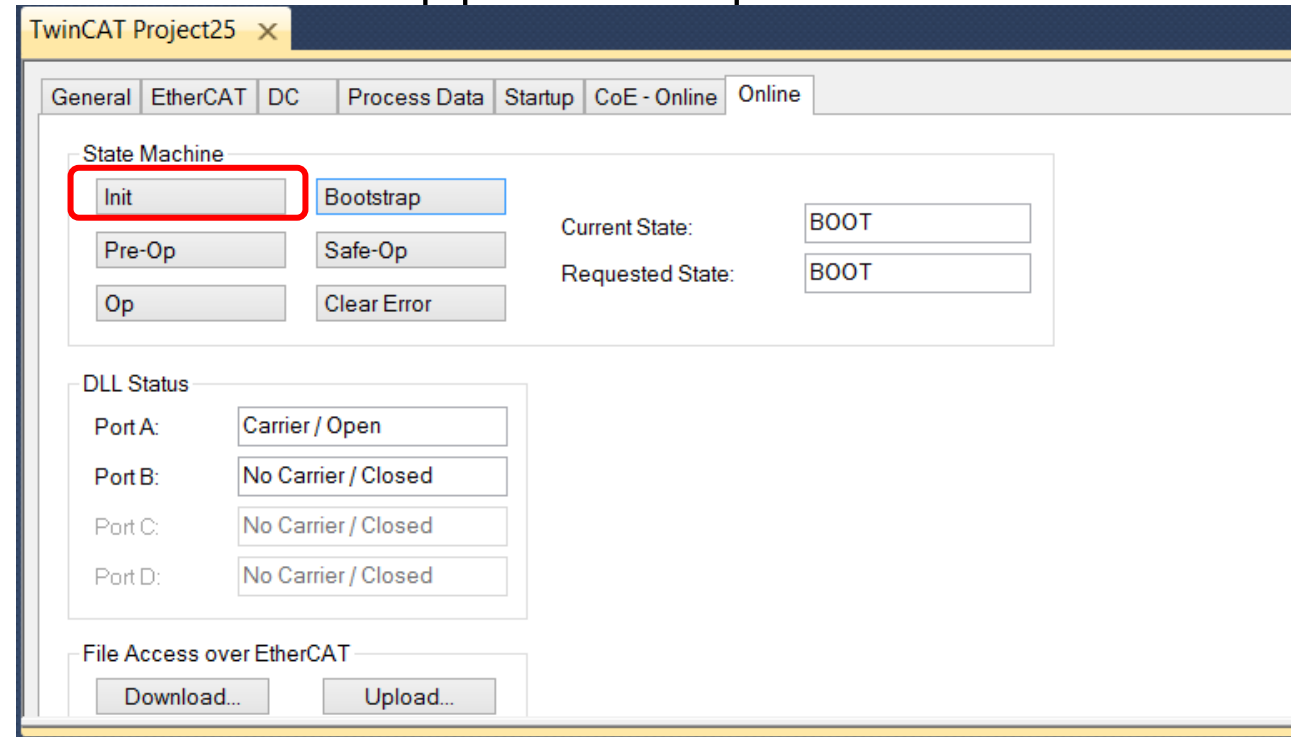- While the firmware is downloaded to the backup partition, a progress bar in the very right corner of the TwinCAT window indicates the upload status to you
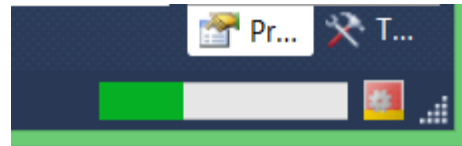
Update firmware via FoE

- Set slave to INIT state. This triggers the restart of the device with bootloader executable. Firmware inside application partition will be updated.

- The slave is restarted and after firmware was updated inside flash becomes operational again.

Thanks