# Modbus Encoder
# Parametrization via Command Lines

E.g.: OCD-EM00B-0013-S06V-PRM

# > Context

This document describes how to configure a Modbus/TCP encoder by using command lines.

This is particularly useful in case of Java related issues, e.g. when the message *"Exception while opening stream with IP..."* is displayed.

# POSITAL

## > Download Tool from our website

From any Modbus/TCP product page, download the web applet by clicking on **Tools** under the **Downloads** section.

# > Go into the TCP Client folder

After extracting the folder, go under the **TCPClient_Posital_Time** folder.
You will find 3 Batch Files, to be used based on the IP address of the encoder:
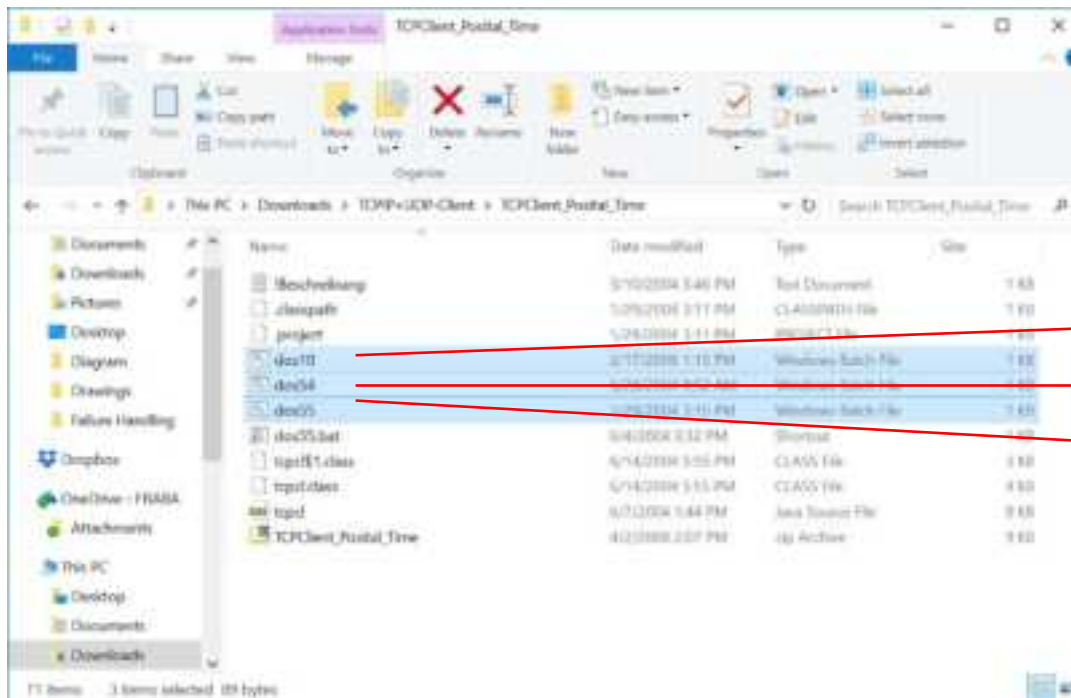
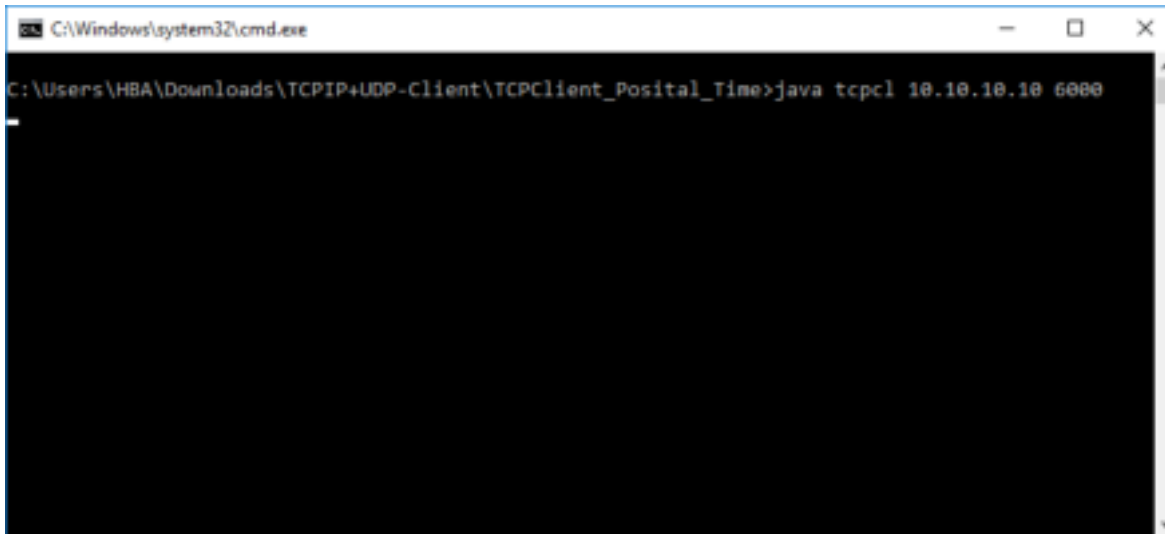| Batch File | IP address |
|---|---|
| dos10 | 10.10.10.10 |
| dos54 | 198.100.100.54 |
| dos55 | 198.100.100.55 |

# > Modify the batch file (if necessary)

**If the encoder has a different IP address**, open any Batch File (right click + Edit) and replace the IP address in it with the one of the encoder.
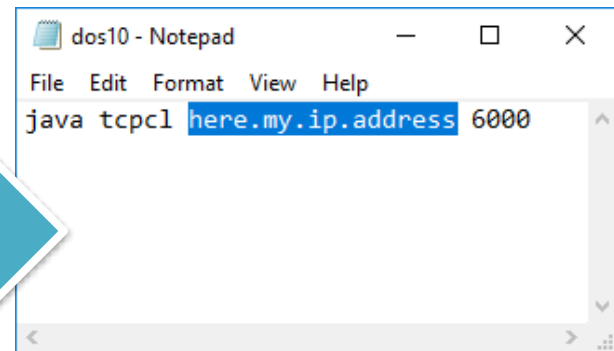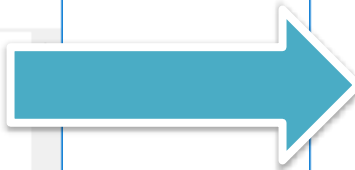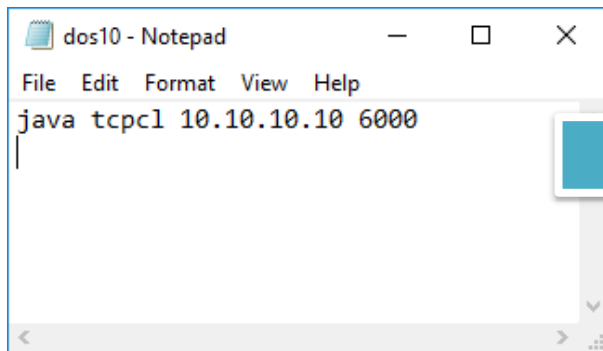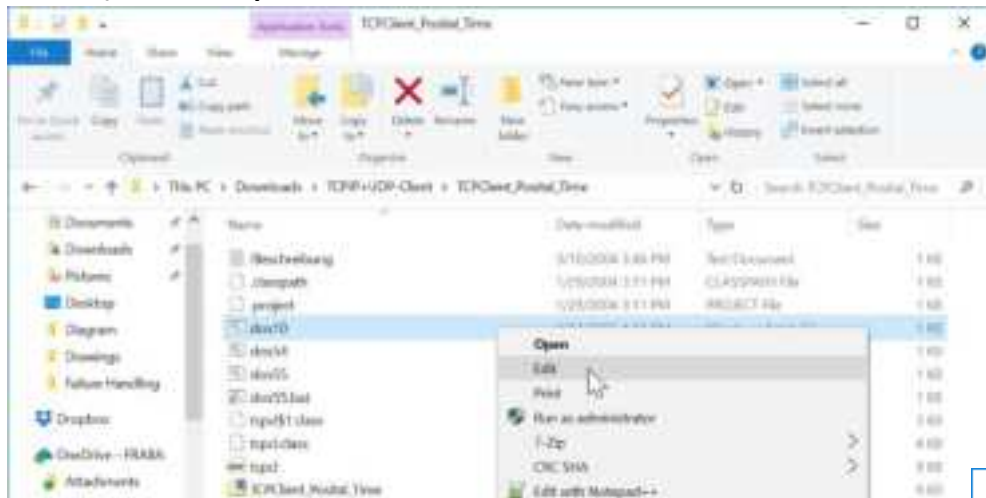
## > Start the batch file

Double click on the Batch File (the one with the correct IP address).
A command window will open.



**Note:**
It can happen that you see lines constantly appearing, reading the position value of the sensor.
It is not a problem: it won't prevent you to perform the further steps.

## > Type in the command line

Inside the commande window, type in your command line.
The format to use is: **Variable=Value**
E.g. **CountingDir=CCW**

You can find the list of Variables and Values in our [online manual](online manual), 5.6.2
Variables, page 18.