

HEATIT Z-WAVE

SOFTWARE UPDATE
HEATIT THERMOSTAT 1.92

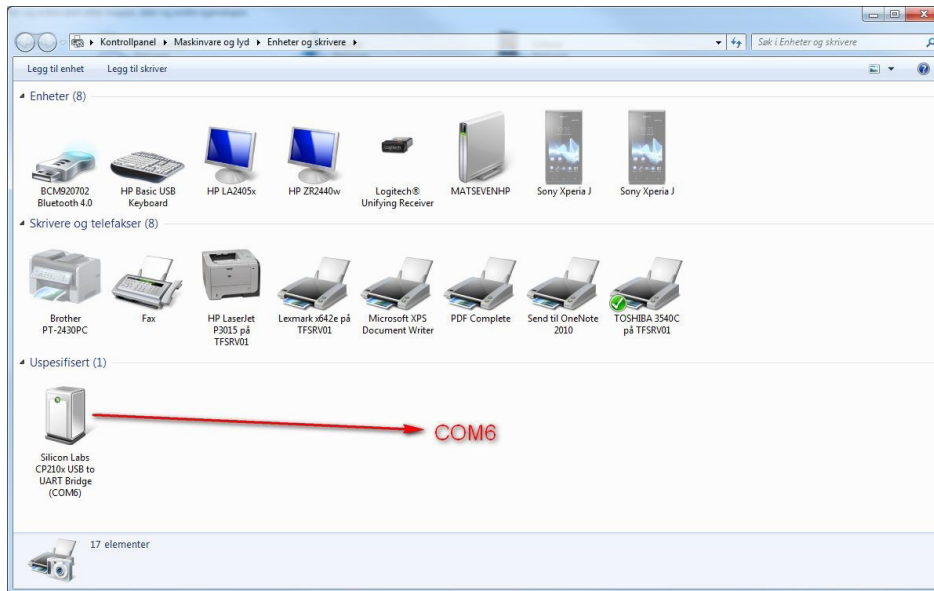
2018.08.23

Heatit thermostat



1. Install (if not installed on your computer) CP210X driver *.
Driver file is found here: <http://bit.ly/CP210X-driver>
2. Extract files ZW_v1_92.zip - File is found here: <http://bit.ly/HeatitZ-Wave-FW-1-92>
3. Plug the cable to your pc and check that it is detected as a Com-port. You can see this in "devices and printers in Control Panel" Remember the Com-port number (COM6 etc). Note: Silabs CP210x driver needs to be installed - some windows versions have this pre-installed. See Fig.1

Fig.1



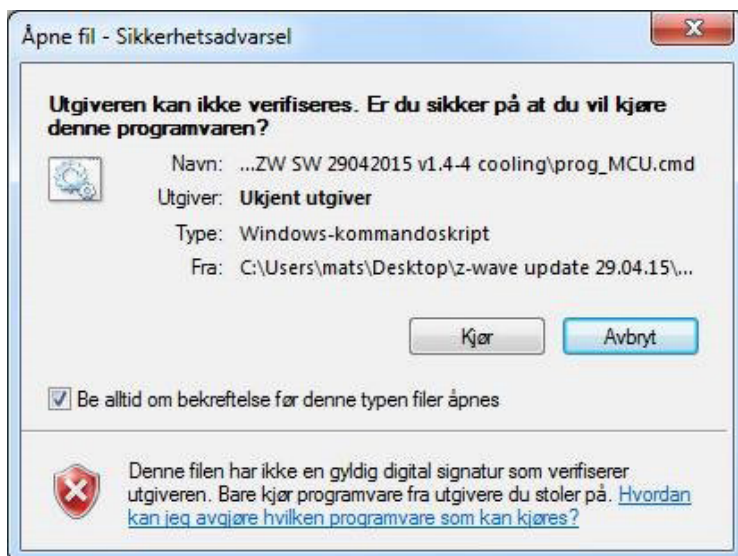
4. Edit prog_MCU.cmd and prog_ZW files to meet your Com-port.
 - a. Right clicking the file and choose "Edit".
 - b. Push "Run". It opens in e.g notebook.
 - c. Set COMPORT=COMX, where COMx is your Com-port, for example COM6.
 - d. Save the file
5. Power down the thermostat before doing anything else (or take it off the wall and wires).
This is very important!!!
6. Remove the top cover (lense part, see installation manual) to expose the middle cover and display. Find 6 holes in the middle cover plastic in the right side of the display. Stick the adapter needles in the holes, with the **red part of cable facing down!** Press them firmly in and hold in place. Display should be dimly lit with some figure in the display.



* This driver works with Windows XP/Server 2003/Vista/7/8/8.1

If you are running another operating system look for your driver here:
<https://www.silabs.com/products/mcu/Pages/USBtoUARTBridgeVCPDrivers.aspx>

7. Run first **prog_MCU.cmd** and then **prog_ZW**



It should say *"Pgm mode entered"* and no Error messages should appear on the screen. It should complete writing to flash. SW is now updated.

```
C:\Windows\system32\cmd.exe
.exe --debuglog=dbg.txt --contout=1 --driver=lpc2000_isp.4000.921600 --importcode=ZMTF.hex --codeinfo --connection=COM6,115200,8,n,1 --reqisp --connection=COM6,115200,8,n,1 --erase=0-14 --write=0-14 --exec

ID: ZMTF
Ver: 1.4.2339
Date: Apr 29 2015 11:34:05
Copyright: Copyright (c) 2014 Enerpoint Oy

Pgm mode entered
Connecting .. OK
LPC1752, 64 kiB ROM / 16 kiB SRAM
Bootcode version: 4.2
Erasing device ..
WARNING: gen_iap: No partial erase supported.
NOTE: gen_iap: Full erase performed. OK
Writing.
[#####] 37kiB
C:\Users\mats\Desktop\z-wave update 29.04.15\ZW SW 29042015 v1.4-4 cooling>pause
Trykk en tast for å fortsette...
```

8. Display on thermostat shows 1.9
9. When running prog_ZW device device is erased and new FM is written to device. When finished display on thermostat shows A

```
C:\Windows\system32\cmd.exe
C:\Users\mats\Desktop\1,92>set BAUDRATE=115200
C:\Users\mats\Desktop\1,92>set COMPORT=COM6
C:\Users\mats\Desktop\1,92>incup.exe --debuglog=dbg.log --driver=GEN_IAP --importcode=HeatIt_slave_routing_ZW050x_EU.hex --echo="Uploading ZM5202 fw" --connection=COM6,115200,8,n,1 --contout=5 --reqisp=A20513,A2050B --erase --write --exec

Uploading ZM5202 fw
Connecting .. OK
Erasing device .. OK
Writing.
[#####] 103kiB
C:\Users\mats\Desktop\1,92>pause
Trykk en tast for å fortsette...
```