2025/12/03 19:37 1/2 Roadmap

# Roadmap

## **Software Version 1.5**

## **Network protocols**

- DNS Client (manual configurable or via DHCP)
- SNTP Client (manual configurable via IP or network name name resolve via DNS is needed). Display current time on the index page.

## **Process image**

- Map all states of the Netzer into a process image
- Direct mapping of process image members (i.e. interconnection of pins).
- Process image is accessable via HTTP
- ModbusTCP server implementation

### **GPIO**

- Activation of pins if a client is connected to GPIO or serial server (also inverted) → Is also done with the process image implementation.
- Changable GPIO names
- Configure state of GPIO pin in power down mode

#### I2C

- Configuration of an INT pin (one of the GPIOs)
- Extending the procotol for reading out this INT pin

## **Serial Interface**

- Configurable parity bit
- Handshake

#### **Else**

- Integration of the PIC watchdog.
- Show the time since Netzer is active

# **Hardware**

#### Extension boards for the breakout board

- LCD board with Display (text or graphical), SD card, SRAM, EEPROM and Buzzer already in development
- **Domestic board** with Relais, Triac dimmer, temperature- and light sensor and 1-Wire-interface is also in development.
- Interface board with RS485 and RS232 (complete) not started yet.

# Netzer 2:0

More of all! :) Not before 2012.

From:

http://mobacon.de/dokuwiki/ - MoBaCon

Permanent link:

http://mobacon.de/dokuwiki/doku.php?id=en:netzer:roadmap&rev=132127334

Last update: 2025/06/11 20:42

