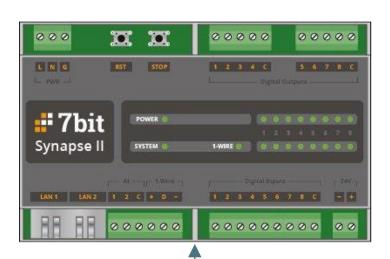


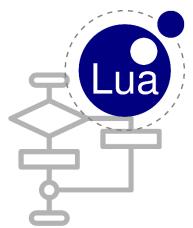
Synapse v2 -Overview



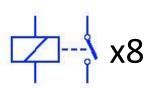








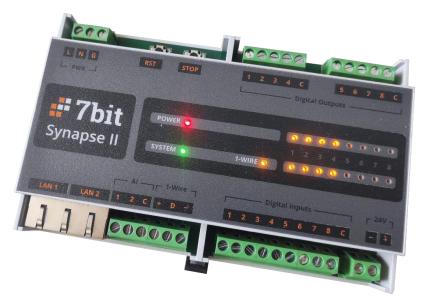








Analog inputs

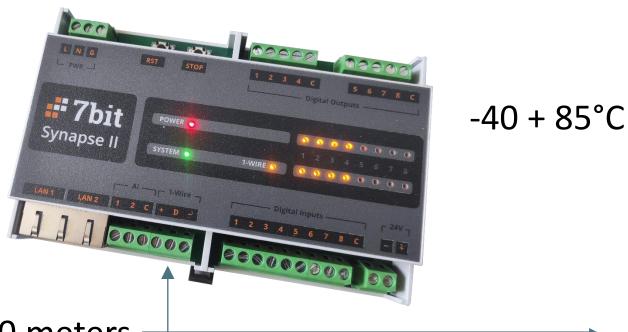




x2

- Input type 4 .. 20 ma
- Suits for pressure, level, temperature gauges and others

Inputs 1Wire temperature sensors



─ Up to 200 meters

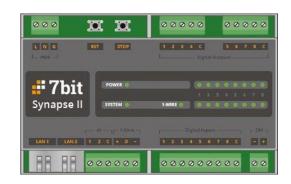


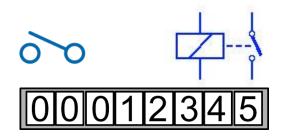






Running hours meters





Both for inputs & outputs

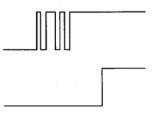


Non-volitile





Switch counters & duration



Digital filter

Transforming into a PLC



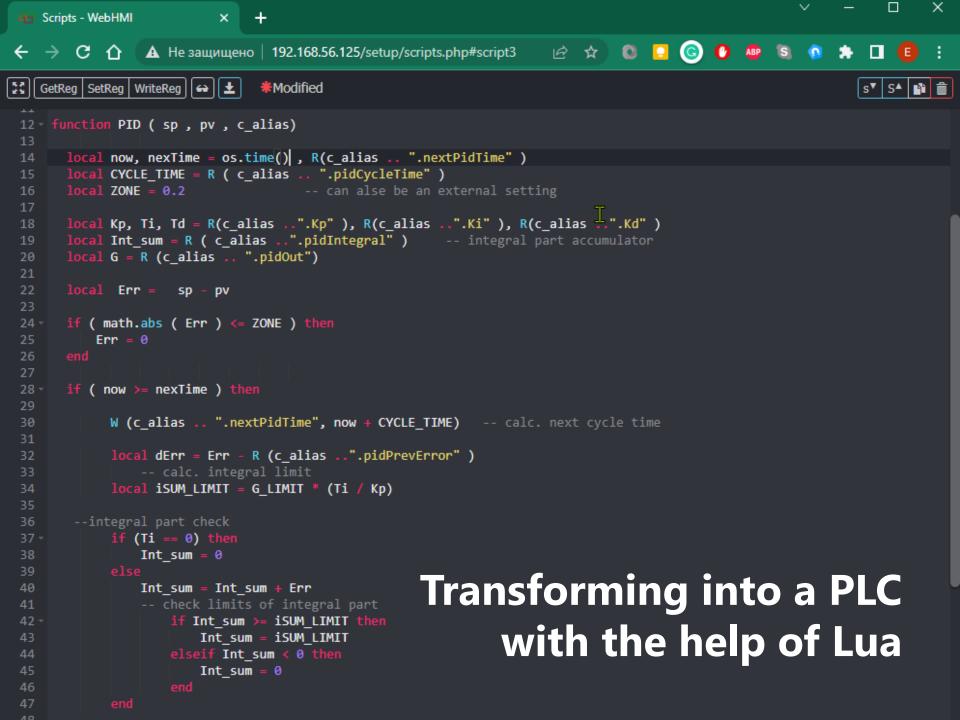
Lua – high level programming language similar to C, Pascal, JavaScript



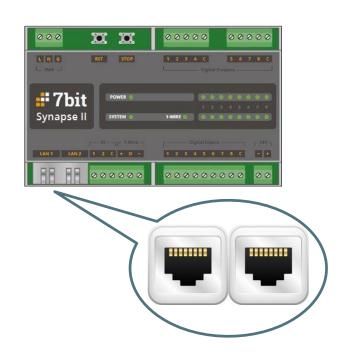
Allows for implementation of common sequential algorithms and quite tricky complex control, not easy for PLC



Coding is done right from browser



Flexible networking



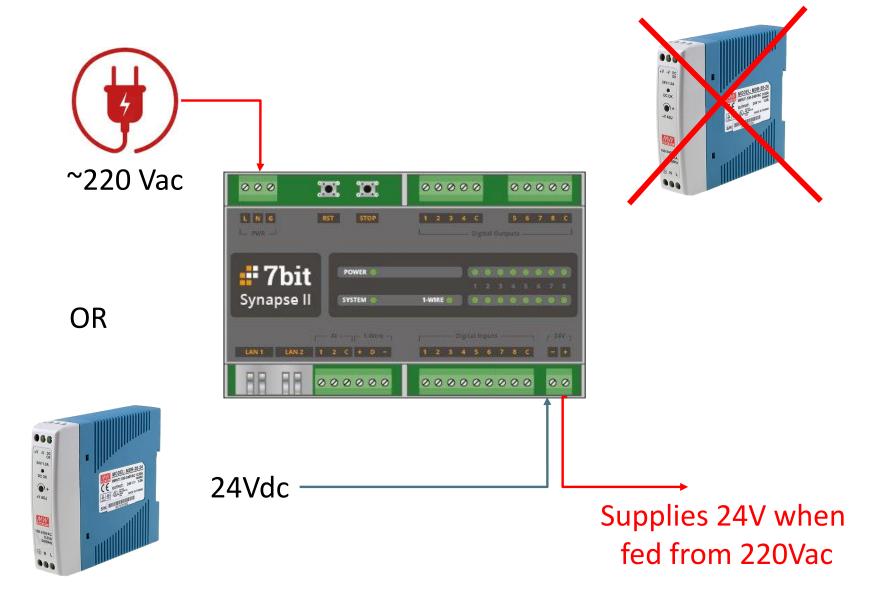


Double Ethernet for easy network connection

Or with the help of WiFi



Flexible powering



Fits in slim distribution boxes





Embedded MQTT – client for IoT applications





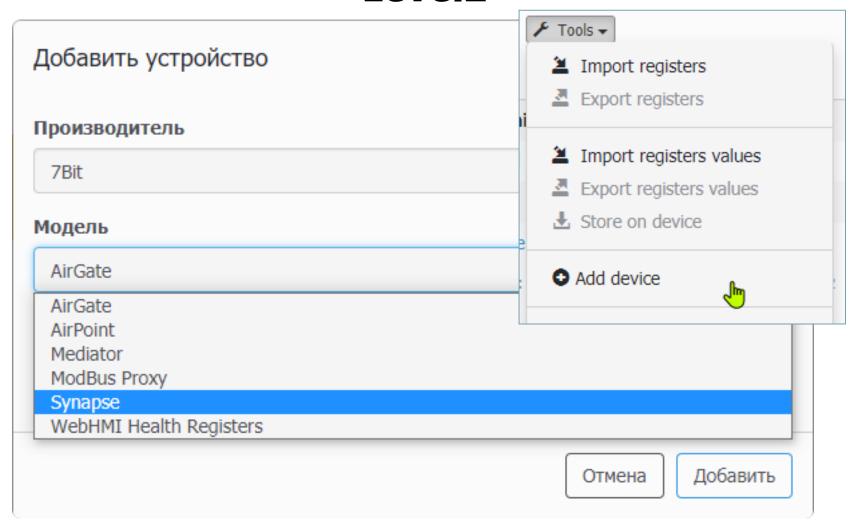






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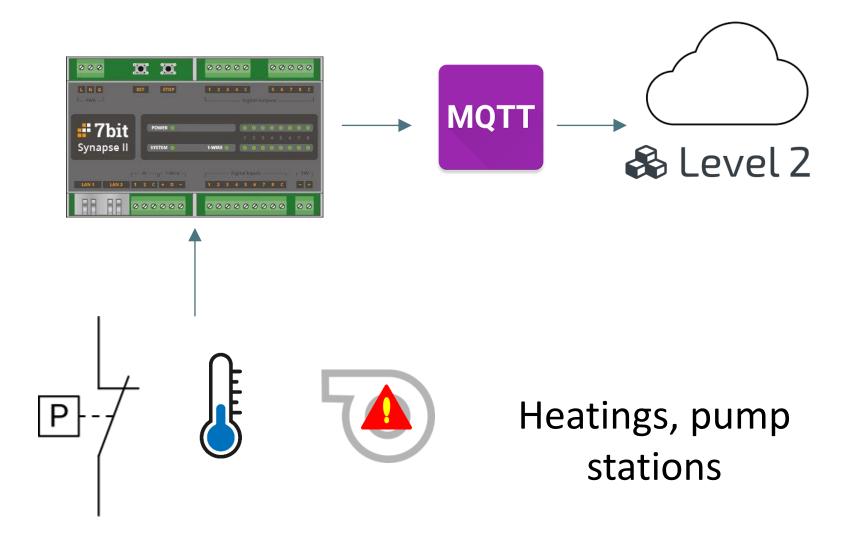
Easy config templates for WebHMI & Level2





Application examples

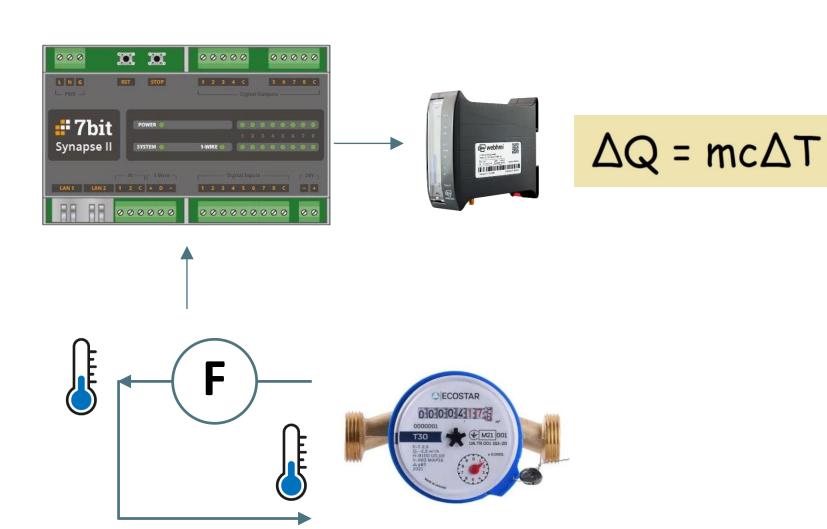
Embedded MQTT – client for IoT applications



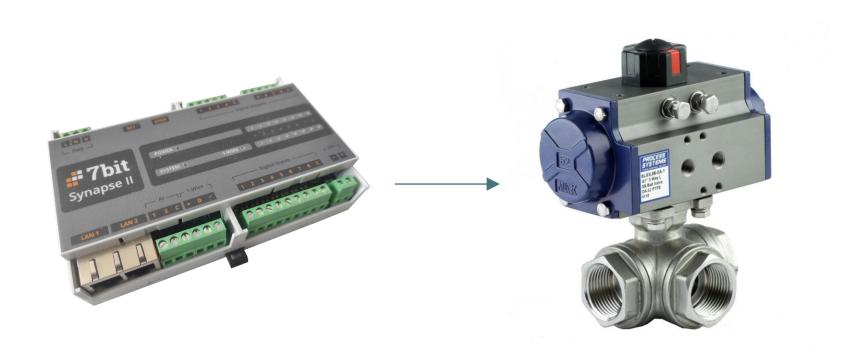
Heating



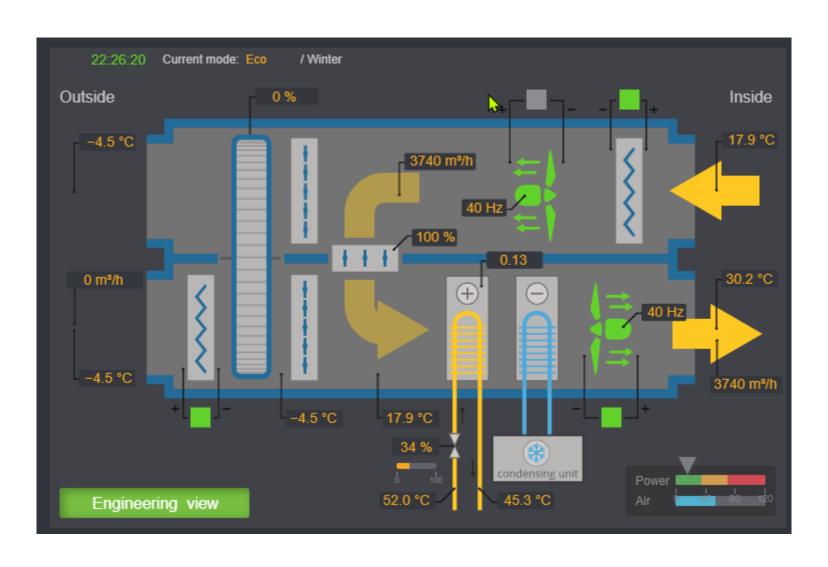
Heating – non-commercial heat metering



Heating – valve control



Control for small units and machines, e.g. vent units



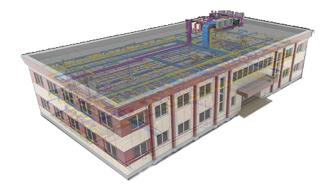
Other applications



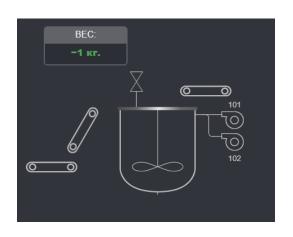
Greenhouses



Machines & FA



Building automation



Process control