Select :-

1 2 3 4 5

µHMI

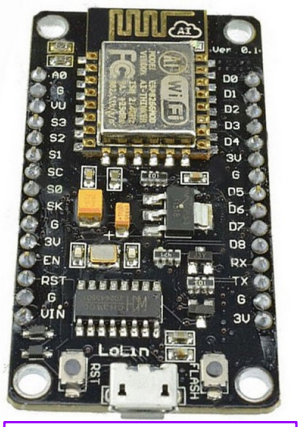
Click here for Schematic and Alarms

Click here for Trends

Click here for Setpoints

Click here for Demonstration of sliders

Click here for Radio and Checkboxes demonstration



Node MCU

Click here for local simulation

Reverse Acting (Pressure)

Vertical Valve

V04

Remote > Local Simulate

Glucose Flow

32.4 m³/hr

34%

V03
Horizontal Valve

FCV31
FlowValve

VSD11
RPM

V05
Three Port Valve

VSD76
RPM

V06
Horizontal Valve

Devices are shown in blue when there is NoData

Alarm & Event Log

DD MM HH SS	Details
01 02 03 54	Alarm : V04 Failed to open
01 02 03 44	Event : V06 Opened
01 02 03 34	Event : M11 Started
01 02 03 24	Event : M11 Stopped
01 02 03 14	Event : FCV11 Controlling
01 02 03 04	Event : V04 Changed to Manual
01 02 03 04	Event : V04 Alarm Acknowledged

Refreshed every minute unless a new event occurs

Times are relative to the present

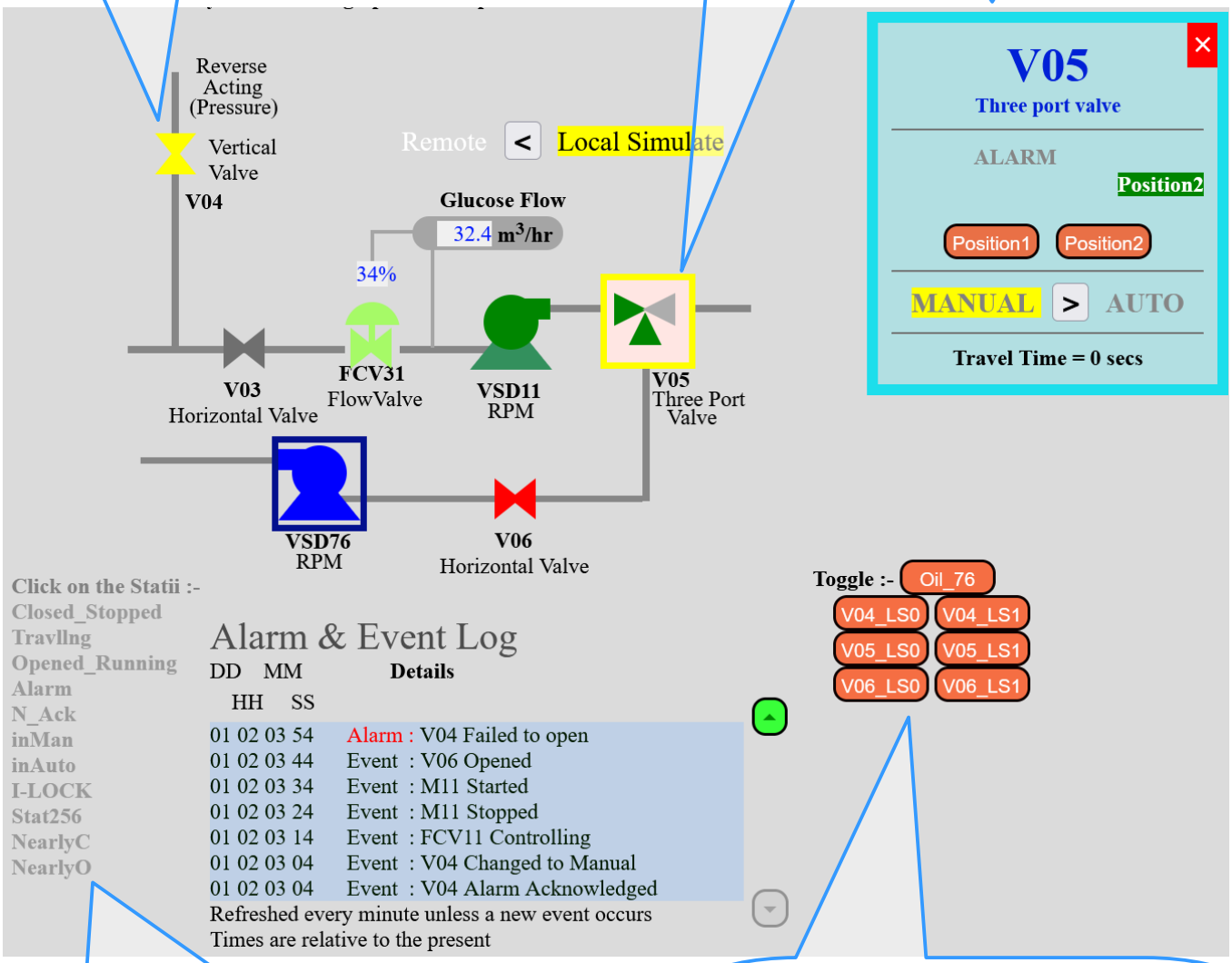
Local simulation doesn't include Alarm and Event logging

Author : Greg McCormack – Spring 2023

Yellow indicates an acknowledged alarm exists

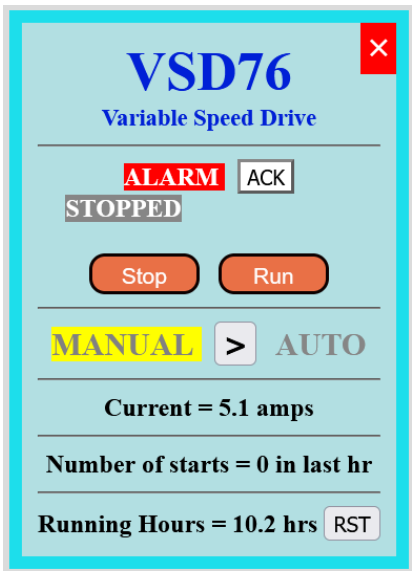
Yellow border indicates the device is in Manual. Pink background indicates that the device is the Focus for the faceplate.

One faceplate for all devices

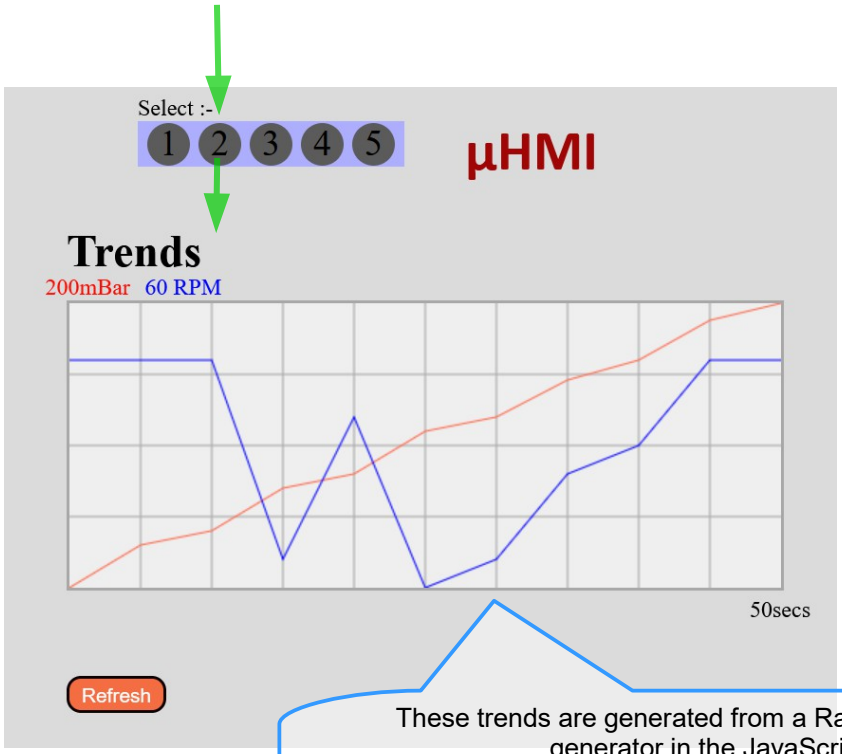


These are for local simulation – so that it is possible to change the status bits that would be normally coming from the backend.

These are inhibits to break the simulation to create alarms to demonstrate the operation of the backend.

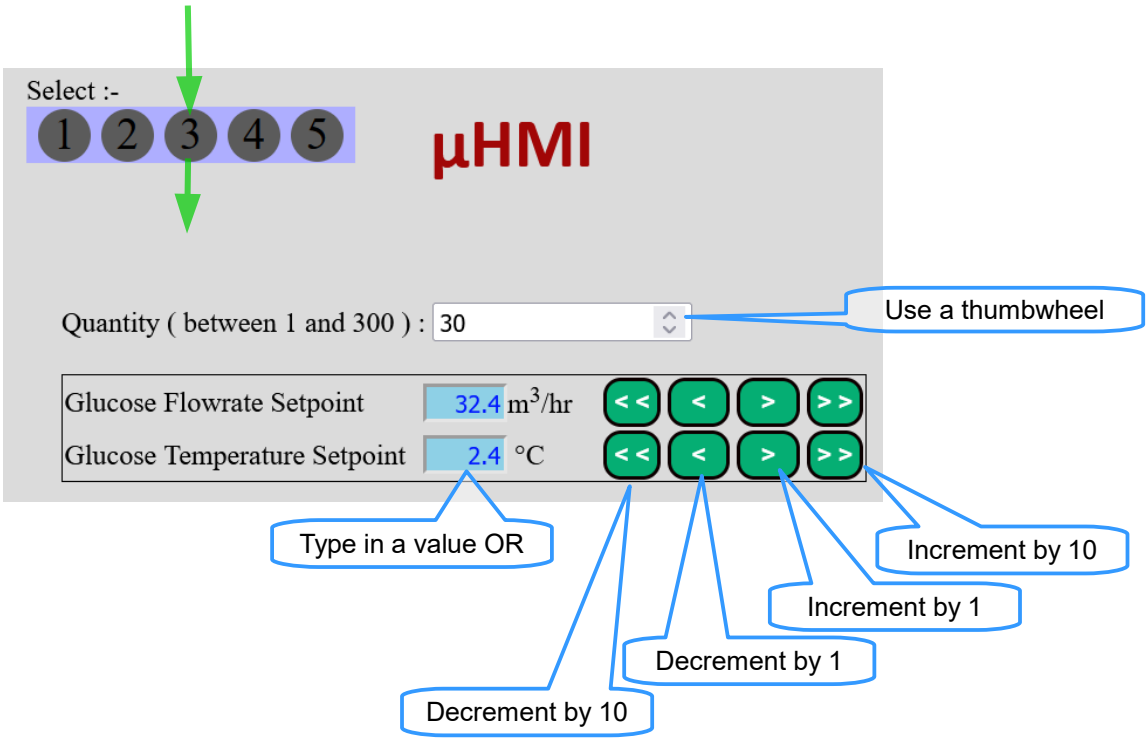


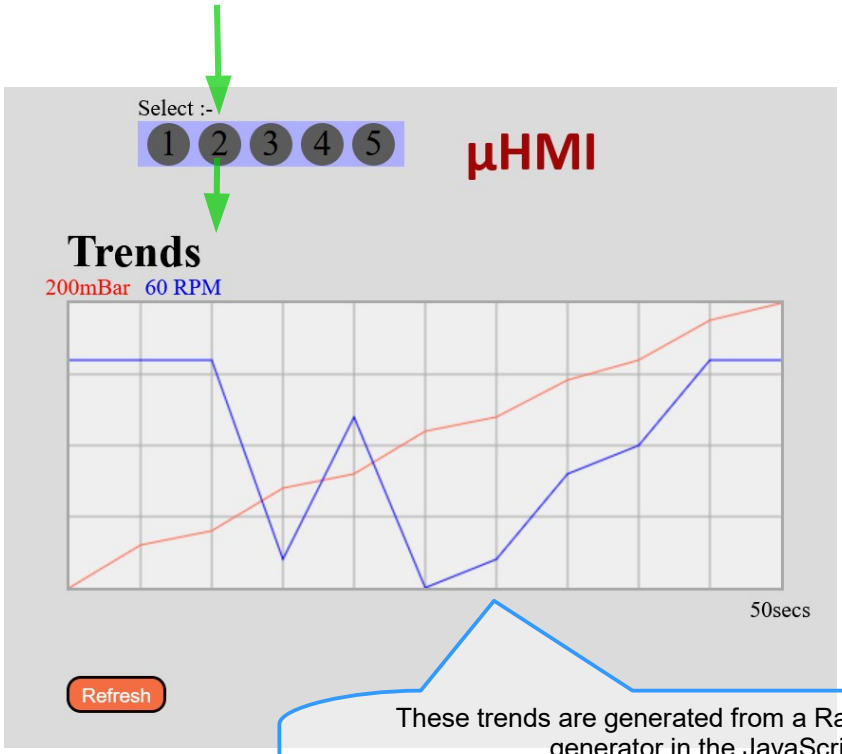
Extra features such as Number of Starts and or Running Hours
(Reset would normally be only after a Confirm)



These trends are generated from a Random number generator in the JavaScript
so are (at the moment) only available in Local Simulate mode.

The approach could also be a visual representation of a Profile that a sequence is to follow.





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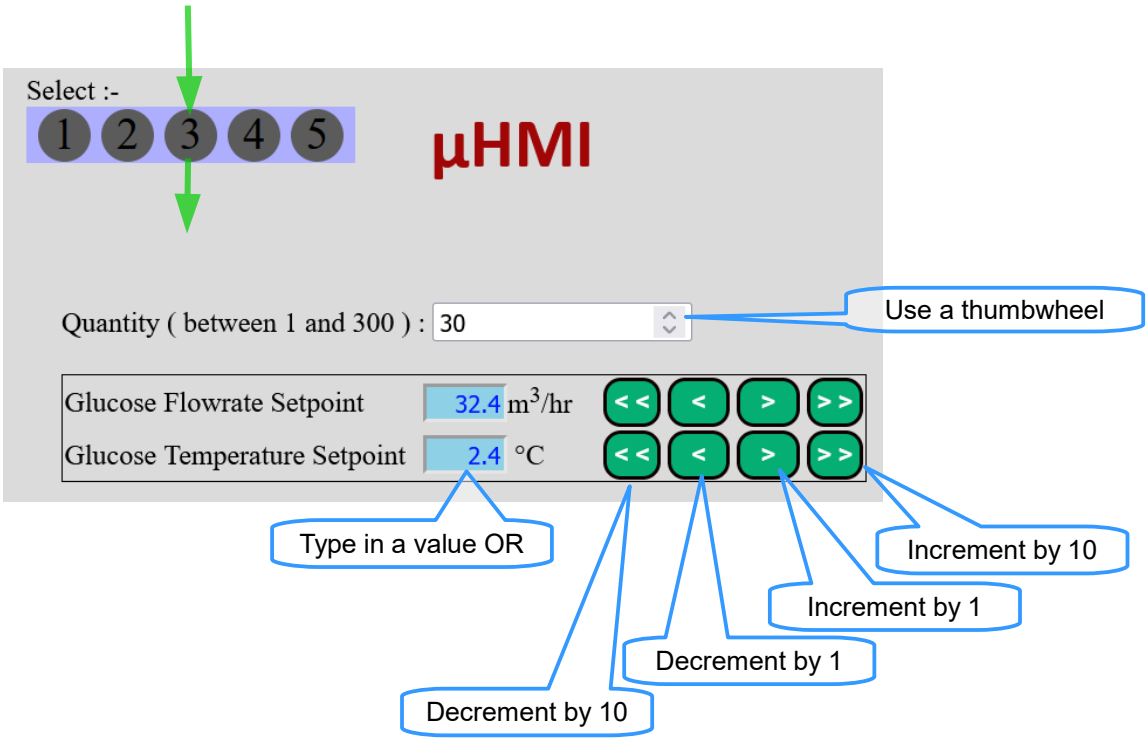
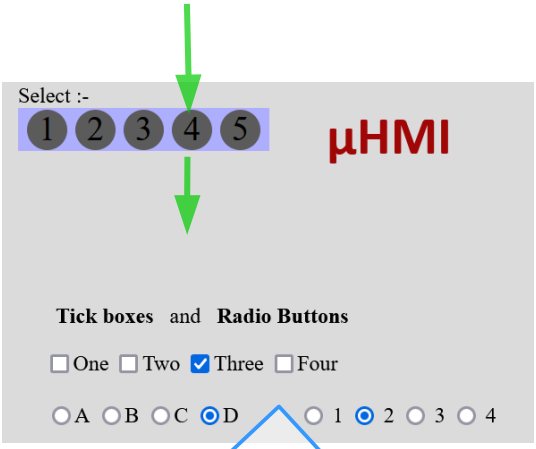
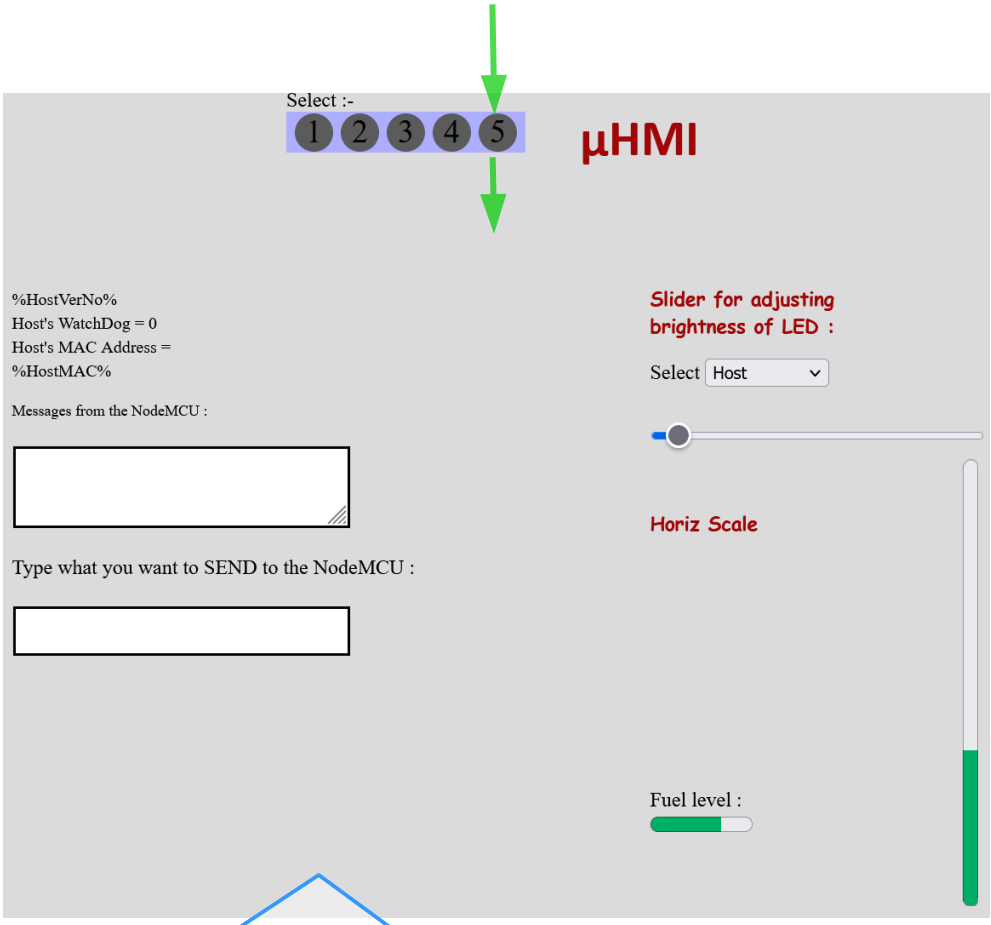




Tick boxes and Radio Buttons
(showing that you can have more than one set of each)



Slider changing Meters

An example of some bespoke coding, allowing NodeMCUs to communicate with each other over a protocol called ESP-NOW