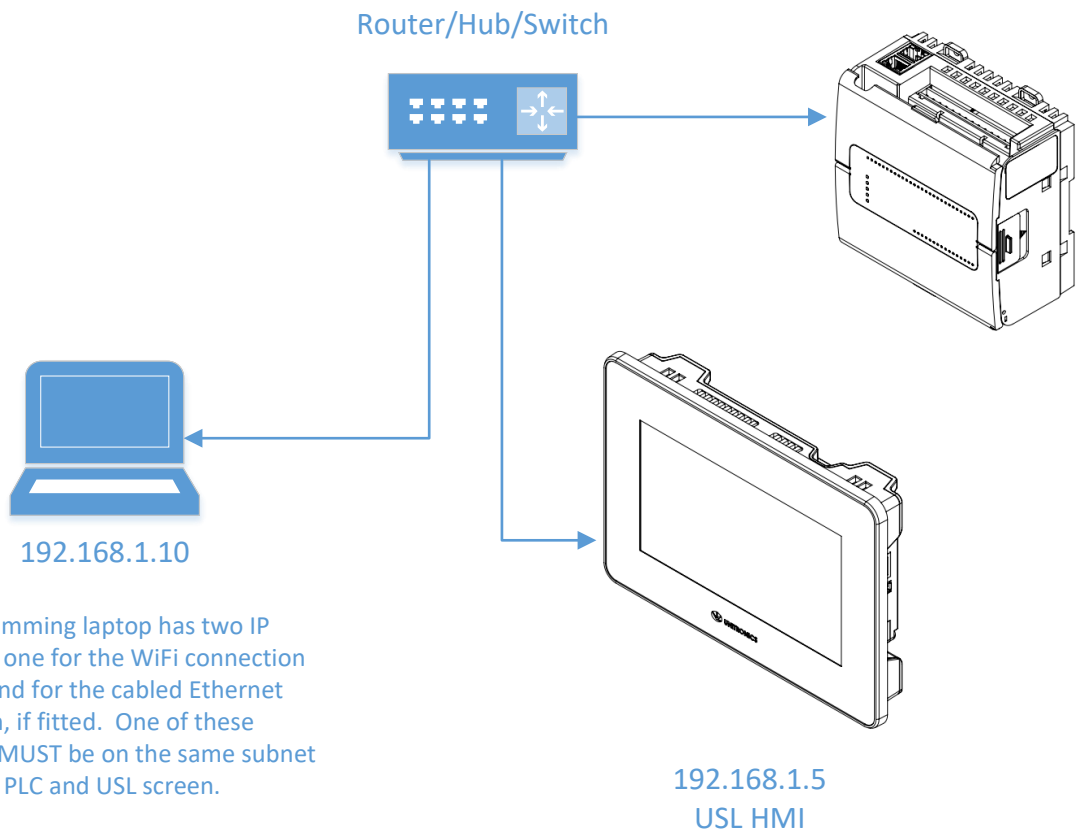**Application Note: USC IP address allocation**

Drawn by: Tony Spearing
Revised: April 2023

192.168.1.4
PLC Panel IP Address
192.168.1.6
PLC CPU IP Address

The USC PLC has two IP addresses, one for the PLC Panel and a second OPTIONAL address for the PLC CPU. VNC displays and the Unilogic programming software ALWAYS talks to the PLC Panel address.

Set via INFO mode in the PLC
Network > Ethernet

Router/Hub/Switch

192.168.1.10

The programming laptop has two IP addresses, one for the WiFi connection and a second for the cabled Ethernet connection, if fitted. One of these addresses MUST be on the same subnet as the USC PLC and USL screen.

CONNECTS TO 192.168.1.4

192.168.1.5
USL HMI

The USL screen is the HMI and has it's own IP address and can display screens generated by the USC PLC. It connects using VNC protocol to the PLC Panel IP address.

CONNECTS TO 192.168.1.4

Set via INFO mode on the HMI
Network > Ethernet > 192.168.1.5
Network > VNC Client > 192.168.1.4