InetSupervisor™

Q1-UNV Unit Ventilator Controller App

Multi-Protocol: BACnet/IP and LonWorks

Applications

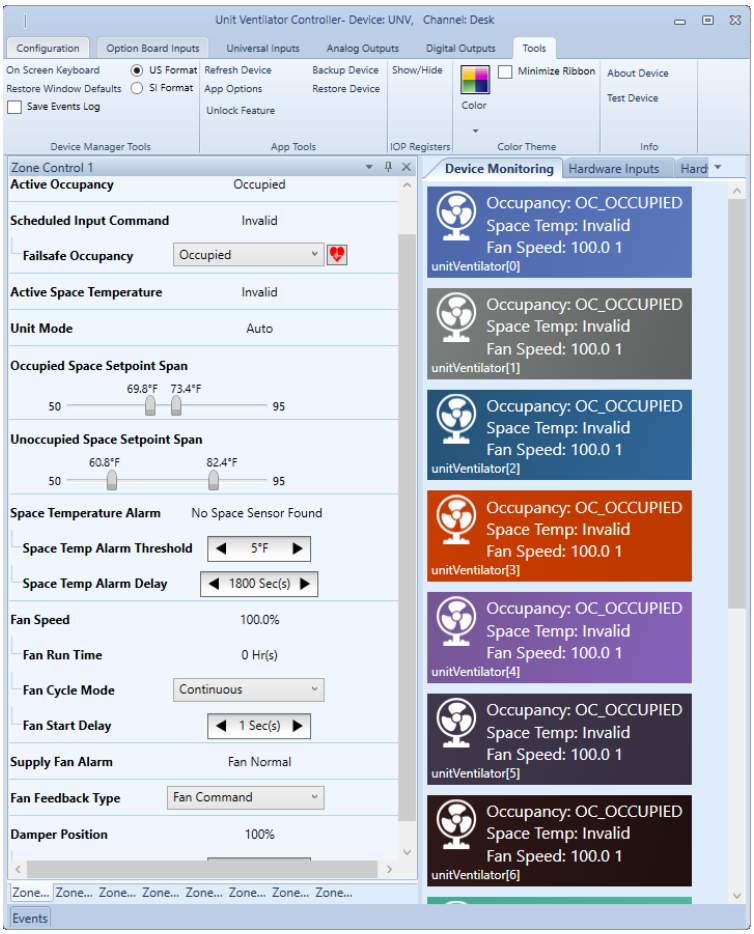
Application is compatible with Q1 Hardware. Compatible with any supply/exhaust fans or space heating/cooling equipment. Will control up to 8 individual spaces on a single controller. A cost effective way of controlling multiple simple equipment while still having effective and easy monitoring and full featured alarming capabilities.

Software

Software features include:

- Up to 8 individual single zone ‘s controlled in 1 controller
- Individual space occupancy control
- Fail-safe settings for communications loss handling
- Monitoring of damper position for proper enabling of fans
- Multiple fan cycle modes
- Multiple fan feedback options
- Backdraft damper control
- Space temperature or occupancy only control
- Configurable fan start delay
- Adjustable Occupied and Unoccupied space setpoints
- Emergency shutdown
- Built in Alarming
    - Temperature Control Alarms
    - Fan Failure and Belt Loss Alarms
    - Sensor Alarms
- Changeable network variable types
- Slave mode for any unused I/O, which can be bound to another controller

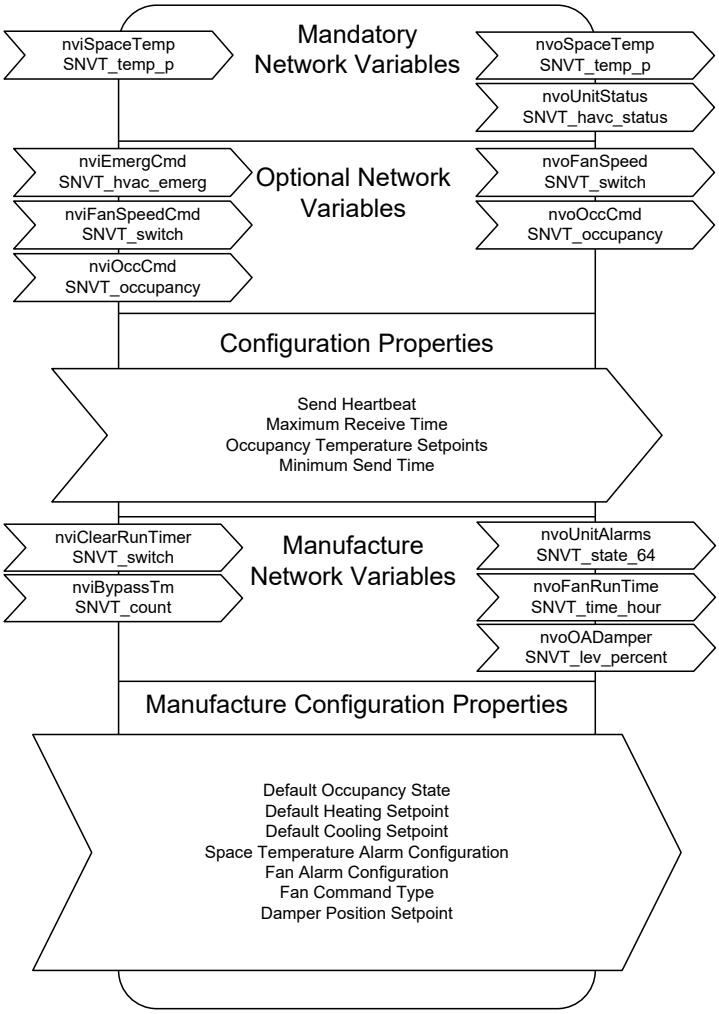
LNS Plug-in provides graphical user interface for configuration and monitoring. Plug-in simplifies hardware I/O customization, communication parameters, and control sequences. Plug-in can be executed from-within network management tool such as LonMaker for Windows or similar.



UNV Profile

All variables with SNVT_xxx have Changeable Types feature.

Network Profile



Open Loop Sensor Profile

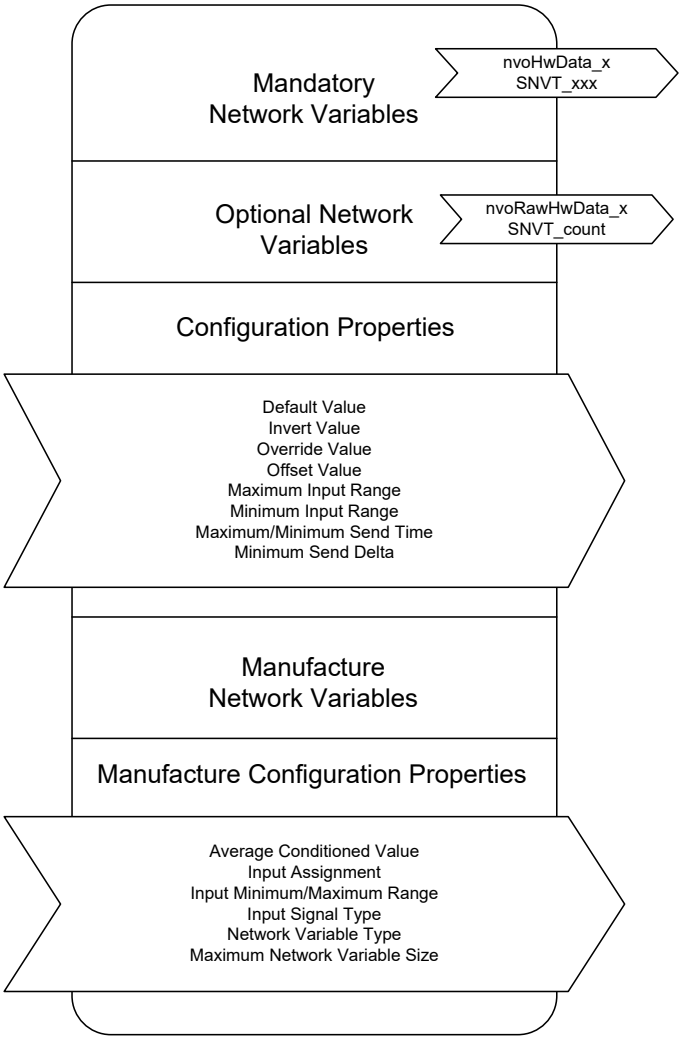
Open Loop Sensor profile is used by all physical inputs. Inputs can be used as slave I/O or as part of the main application.

All variables with SNVT_xxx have Changeable Types feature.

Network Profile

Open Loop Sensor functional block information.

(Physical inputs)



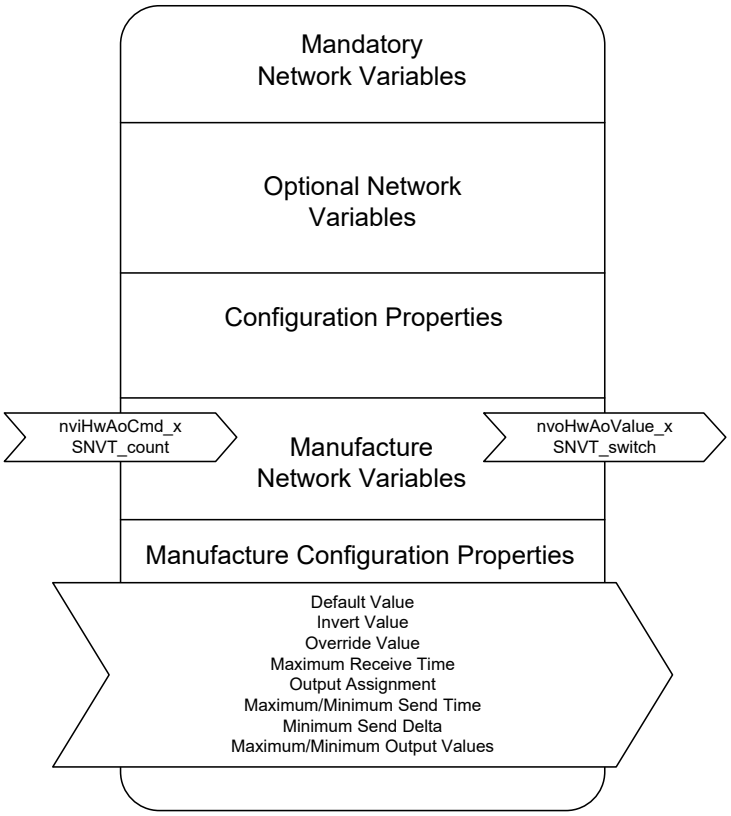
Open Loop Actuator Profile

Analog Output profile is used by all analog outputs. Outputs can be used as slave I/O or as part of the main application.

All variables with SNVT_xxx have Changeable Types feature.

Network Profile

Analog Outputs functional block information.



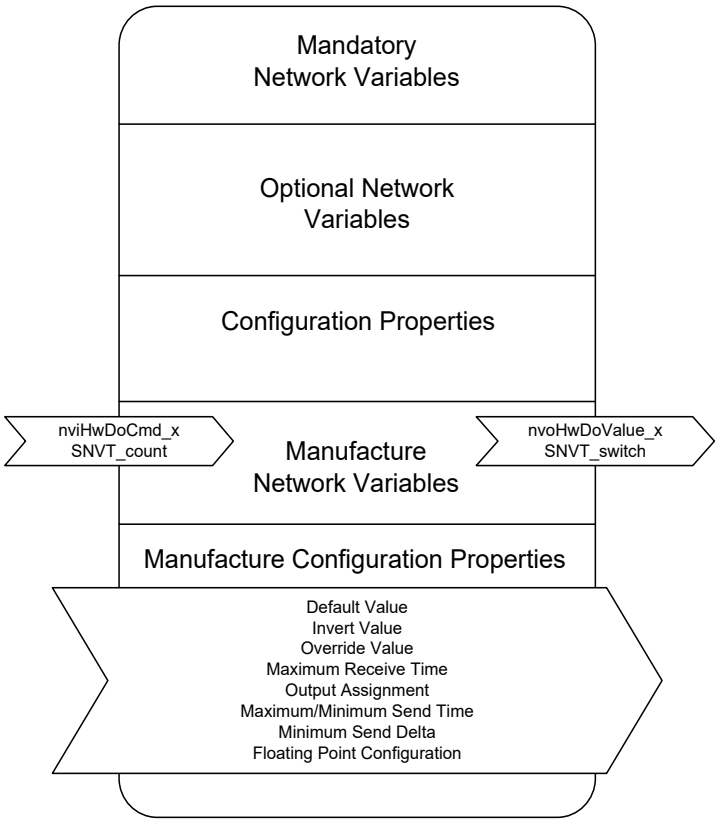
Open Loop Sensor Profile

Digital Output profile is used by all digital outputs. Outputs can be used as slave I/O or as part of the main application.

All variables with SNVT_xxx have Changeable Types feature.

Network Profile

Digital Outputs functional block information.



Node Object Profile

Node Object profile includes hardware specific network variables. The variables are for internal and use by the plugin only.

Network Profile

Node Object functional block information.