InetSupervisor™ Q1-NRG Energy Shedding Manager App

Multi-Protocol: BACnet/IP and LonWorks

MADE IN U. S. A.

Applications

Application is compatible with Q1 Hardware. An event based energy shedding manager built with multiple levels and stages of shedding and customizable ranges for each stage. Each stage has 2 levels of shedding for prioritized shedding area's. Custom binding tool for ease of connection to equipment controller. 10 reoccurring or 1 time events available.

Software

Software features include:

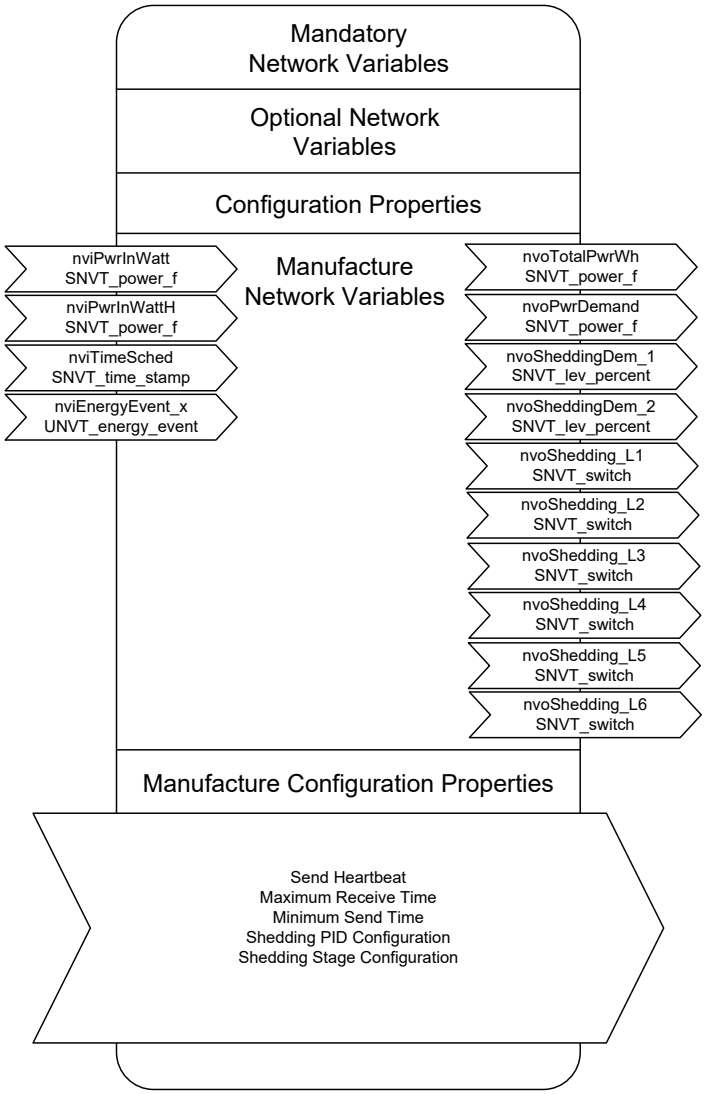
- Multiple shedding strategies included
- Configurable end of shedding command, allows equipment to auto control hardware based resets or force into no reset mode.
- Full PID control of the shedding load control
- Up to 6 stages of shedding "zones"
- Full control over stage timing and type
- Multiple staging operations available
- 10 reoccurring or 1 time events
- Individual stage output capping per level
- 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.

NRG Profile

All variables with SNVT_xxx have Changeable Types feature.

Network Profile



Open Loop Sensor Profile

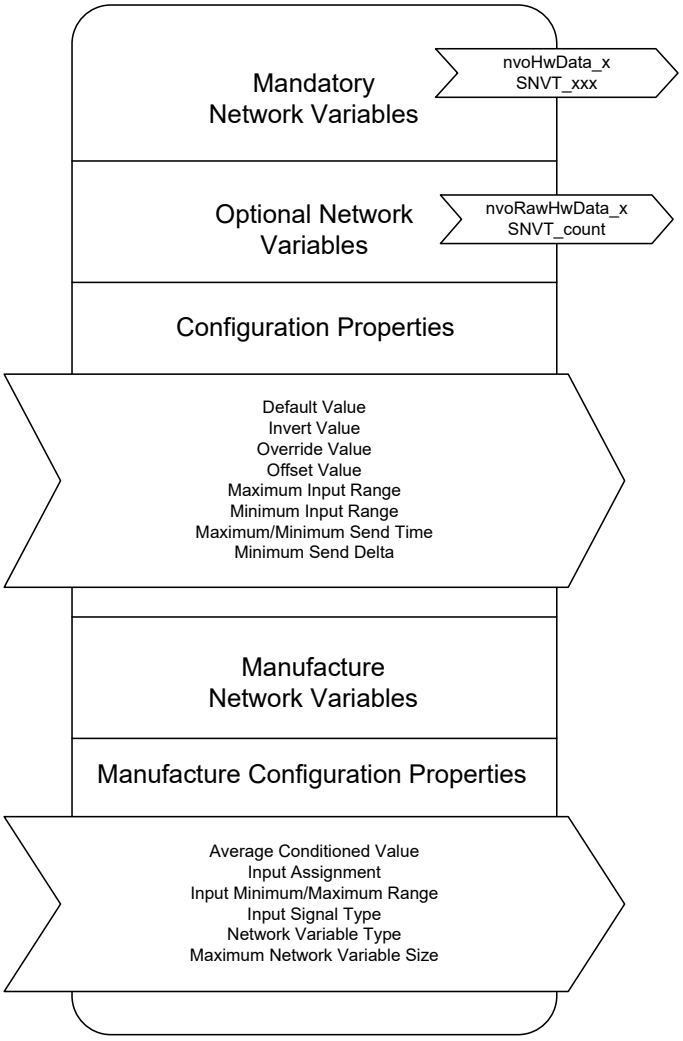
Open Loop Sensor profile is used by all physical inputs. Inputs can be used as slave I/O or as part of the main application.

All variables with SNVT_xxx have Changeable Types feature.

Network Profile

Open Loop Sensor functional block information.

(Physical inputs)



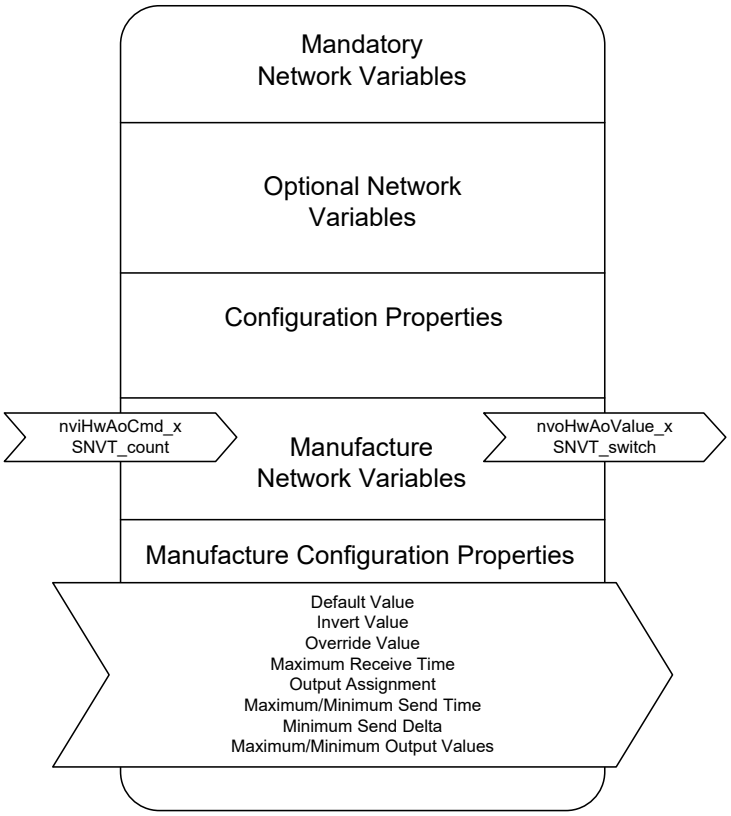
Open Loop Actuator Profile

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.



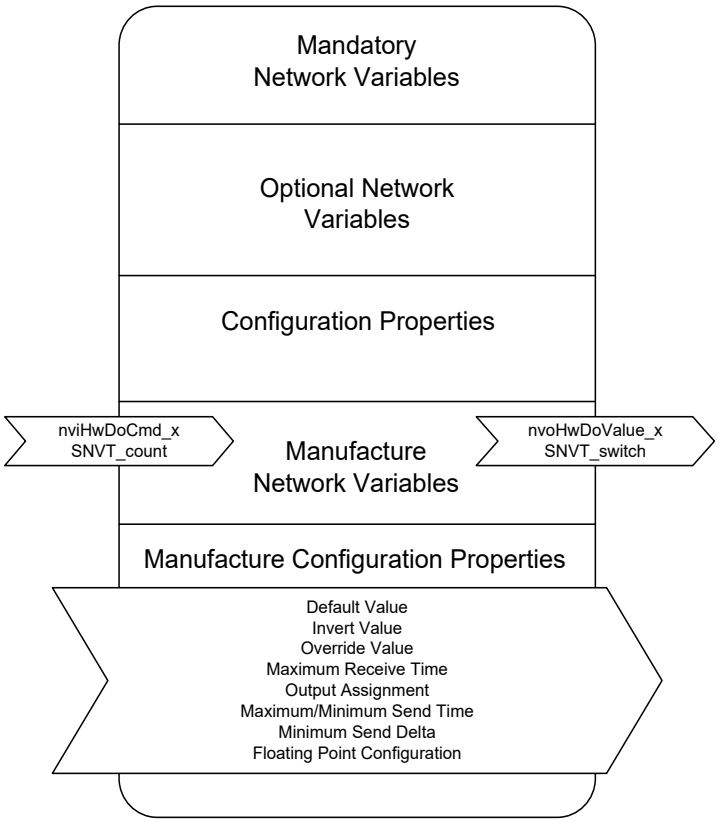
Open Loop Sensor Profile

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 plug-in only.

Network Profile

Node Object functional block information.