

Application

The L-G EnOcean to LonWorks gateway app is compatible with the L-G MicroRouter hardware. It is used to bridge the convenience of wireless/battery less EnOcean sensors with the robustness of a LonWorks network. The L-G Gateway has the power to handle 24 separate EnOcean devices to act as a sensor hub that forwards formatted information to your LonWorks controllers.

A typical application is to use wireless wall-mounted switches in a lighting control application where the lights are controlled by LonWorks devices. LonWorks devices receive the switch commands by the EnOcean wireless link.

Another application example is to use LonWorks devices to control HVAC hardware such as VAVs or Fan Coils and the EnOcean wall-mounted temperature sensors.

The Free OPIX Now!™ NetBuilder and Commissioning Tool provides a graphical user interface for configuration and monitoring. This simplifies hardware I/O customization, communication parameters, control sequences. The Plug-in can be launched/executed from within a network management tool such as LonMaker for Windows or similar.

Software Features

- EnOcean packet monitoring with filtering and teach packet recognition
- Easy single click device registration
- Offline device registration for engineered solutions
- Multiple frequency support
- Device heartbeat support with alarming
- Custom device and variable naming for ease of use and maintenance
- Capacity for custom scale and offset for precision tuning
- Ability to map enumerations to custom SNVT_switch values
- Multiple button configurations per rocker and button available
 - Rocker
 - Toggle
 - Momentary
 - Dimming with custom delay and ramp timing
- Changeable network outputs

