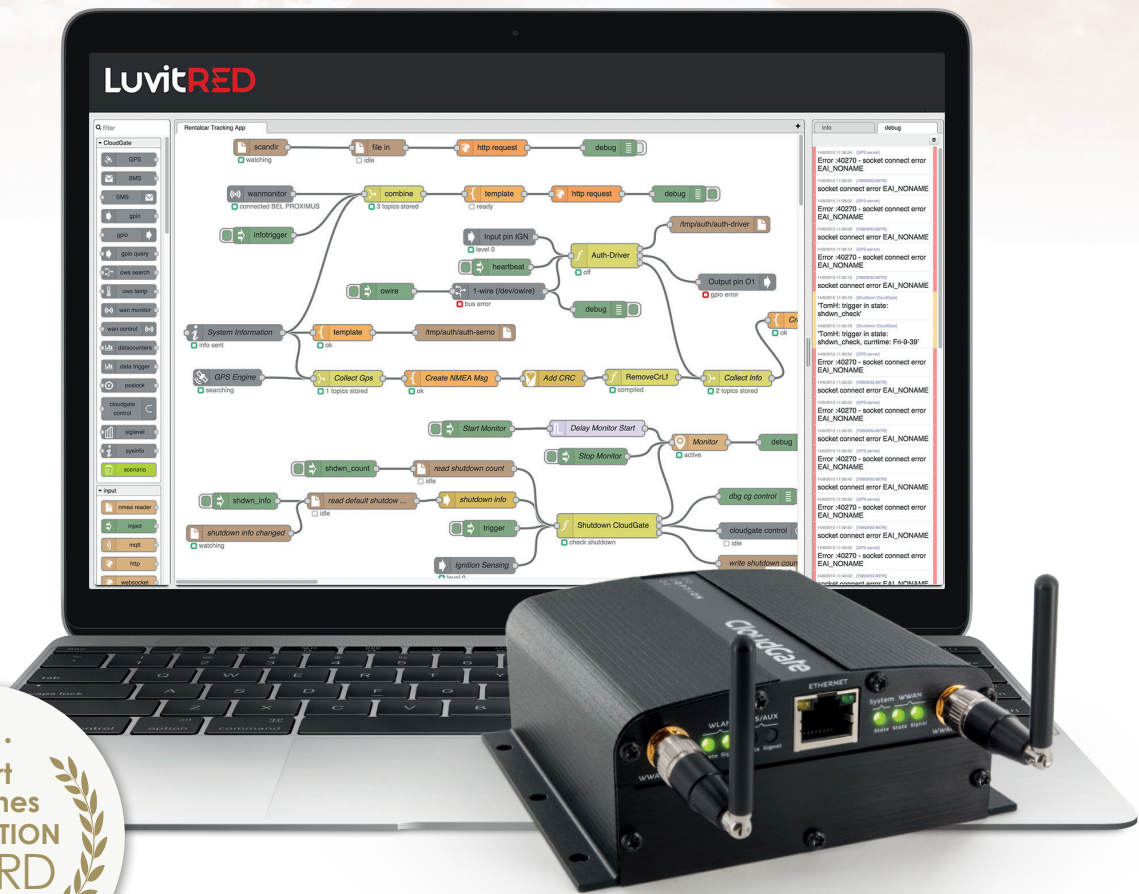


OPTION

# LuvitRED



OPTION.com

LuvitRED is Option's latest enhancement to the CloudGate solution, delivering a visually configurable agent for design and deployment of smart IoT solutions using CloudGate wireless gateway devices. LuvitRed overcomes complexities of the vast variety of protocols used in different IoT verticals and delivers true IoT Edge Computing.

With LuvitRED, stable and reliable M2M applications can be built and delivered faster, with less cost and risk.

Processes that used to take days, weeks and months – even before testing and review – now take only minutes or hours.

The visual editor of LuvitRED is based on the User Interface from IBM's Node-Red. The Node-Red server is rewritten in a Lua server called Luvit. Lua is used because it is a lightweight, simple to learn programming language that has an easy to use native C interface that makes integration of C libraries relatively simple. Option has completely redesigned and enhanced the core set of nodes to focus on the ability to rapidly solve common data collection, transmission and control problems found in B2B IoT/M2M applications.

### TIME-SAVER

LuvitRED is a substantial time-saver, the need for no or only minimal programming skills means that people designing M2M applications can focus on innovation and delivering business value, rather than technical concerns.

### REDUCED SALES CYCLE

LuvitRED allows people designing M2M applications to focus on innovation and delivering business value, rather than spending time and money on developing proof of concepts.

### RAPID PROTOTYPE

Based on the Node-RED user interface, LuvitRED enables CloudGate users to rapidly prototype, adapt and deploy innovative M2M solutions via an easy-to-use method of "visual wiring".

### REDUCE COST & RISK

LuvitRED gives Mobile Network Operators(MNOs), resellers/system integrators and IT departments the ability to reduce cost and risk by implementing solutions faster.

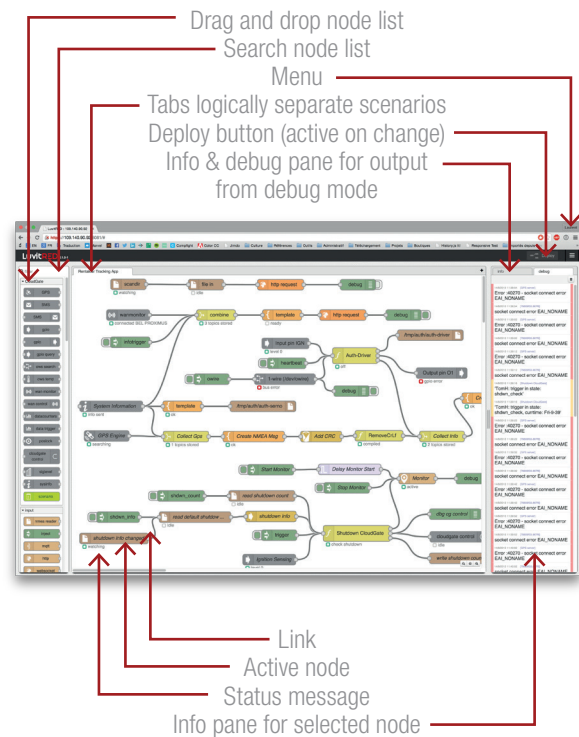
### DRIVE GREATER VALUE

LuvitRED helps companies drive greater value from M2M applications. Option is truly delivering on the promise of Smart M2M solutions. Optionality in a single basic unit. The CloudGate is simple to configure locally or remotely from your PC, tablet or SmartPhone.

### KEY BENEFITS

- Ease of Use – a graphical, "drag and drop" link configuration environment for connecting CloudGate devices
- High Performance – with a small memory footprint, LuvitRED is compatible with lightweight, power efficient gateways and helps build responsive M2M apps
- Rapid Deployment – once created, a configuration can be deployed with just a few clicks using CloudGate Universe
- Comprehensive Node Set – LuvitRED offers a rich set of "nodes" for common M2M gateway devices, including Serial, GPS, MODBUS and more
- Multiple Control & Monitoring Points – LuvitRED includes standard protocols such as TCP, UDP, HTTP, MQTT, AMQP, MODBUS, BACnet and SNMP and popular cloud AEP systems such as ThingWorx, Axeda, Excite and AT&T M2X. LuvitRED incorporates access to wireless and wired sensors, GPIOs and sensor buses such as 1-wire.
- No Cost – LuvitRED is part of the standard toolset provided with the CloudGate solution and extends the value of the CloudGate ecosystem

### LUVITRED DEVELOPMENT SCREEN



### THE LUVITRED MENU

- Enable node status messages
- Import & export nodes from clipboard or library
- Edit / View / Delete configuration nodes
- Create flows and encapsulate in a node
- Add / Delete tabs
- Allows you to download new nodes from our online LuvitRed repository

