

## **SimpleHomeNet/Smartenit, Inc. and Blue Line Innovations Deliver First ZigBee and INSTEON Universal Whole-House Energy Monitoring Interface**

December 17, 2011 – San Juan Capistrano, CA - Smartenit and Blue Line Innovations announce immediate availability of a missing piece of the energy management puzzle, the means of getting real time energy information from any electric meter into a home controls network. Smartenit's ZBPCM provides the bridge between the Blue Line Innovations PowerCost Monitor™ electric meter sensor, and wireless HA/SE ZigBee and INSTEON home area networks. This unique combination allows true energy management by providing not only energy monitoring, but control of devices based on energy information.

The Blue Line Innovations PowerCost Monitor™ puts the power to save electricity into the consumer's hands by turning almost any electric meter, old or new, into a broadcasting Smart Meter offering whole house energy information. The Smartenit ZBPCM device allows this whole house energy information to become part of a home controls network using the proven ZigBee and INSTEON wireless protocols for maximum flexibility.

"It has always been our conviction that having energy consumption information available is only the first part of the equation. A more important aspect is to have that information automatically generate actions for more impact to consumers, their bottom line and the environment. Automating home and building actions based on sensors is what we do. We take a given situation and "Smarten it" with a solutions approach, says Al Choperena, president of Smartenit, Inc."

"This solution is a huge enabler for utilities, service providers and homeowners. While smart meters are being deployed they aren't openly broadcasting data. The Blue Line optical sensor can get real time data from almost any meter into the home and now in conjunction with Smartenit populate that data into a ZigBee or INSTEON home area network. This really puts the data to work and drives comfort and savings for the homeowner", says Peter Porteous, CEO of Blue Line Innovations Inc.

This solution feeds instantaneous demand (Kw) and consumption (Kw hrs) for the whole house to several available and upcoming energy management and home control applications. Based on this information the consumer can customize parameters to allow for automated responses that will save energy. Smartenit also manufactures ZigBee plugs and load controllers that report energy usage to give the consumer an even deeper layer of energy management capability.

This data from the meter or smart plugs is then displayed over dashboards for the customer's viewing. Armed with all this powerful information, they can then set very specific parameters as to when energy adjustments are to be automatically executed, truly smartening their environment. Consumers can track, monitor and control their usage from devices such as smartphones, tablets and computers.

Automating all aspects of daily living is here to stay for an even bigger reason than convenience. Energy awareness has become very important at the consumer level.

### **About Smartenit®, Inc.**

Smartenit, Inc., formerly known as SimpleHomeNet, manufactures residential and commercial automation devices that provide simple and effective automation solutions. These affordable, environment friendly and easy to use products harmoniously integrate multiple home and commercial systems to provide savings and convenience. Products include central web-accessible gateways, irrigation controllers, general purpose controllers usable for pool, water heaters, water circulators, and protocol converters to bridge RF and IR control. For additional information, visit: [http://simplehomenet.com/solutions.asp?page\\_id=ZBPCM\\_BlueLine](http://simplehomenet.com/solutions.asp?page_id=ZBPCM_BlueLine)

### **About Blue Line Innovations**

Blue Line Innovations Inc. developed and markets the PowerCost Monitor™, a line of wireless, portable, real-time energy reporting devices for the home. Blue Line Innovations has been active in the business of real time energy feedback for 7 years with over 150,000 PowerCost Monitors™ in the market since 2004. Easy to install, the PowerCost Monitor™, communicates wirelessly with the meter and now through a series of Gateways to the internet, mobile devices and to home area networks. Independent research has confirmed that homes using the PowerCost Monitor™ can save up to 18% on their monthly electricity bill. For more information and the retailer in your area see, [www.bluelineinnovations.com](http://www.bluelineinnovations.com).

### **ZigBee: Control your world**

ZigBee offers green and global wireless standards connecting the widest range of devices to work together intelligently and help you control your world. The ZigBee Alliance is an open, non-profit association of approximately 400 organizations driving development of innovative, reliable and easy-to-use ZigBee standards. The Alliance promotes worldwide adoption of ZigBee as the leading wirelessly networked, sensing and control standard for use in consumer, commercial and industrial areas. For more information, visit: [www.ZigBee.org](http://www.ZigBee.org).

### **About INSTEON®**

The INSTEON home area mesh network utilizes two independent means of communication, RF and powerline which makes it one of the most reliable wireless technologies available. With over 200 products on the market, INSTEON makes it easy to link together home systems such as lighting, security, HVAC (comfort control), A/V, appliances, and sensors, allowing them to be controlled or monitored from anywhere in the world.