Network framework allows for integration of variants into single overall architechture

GreenPeak Technologies announces the GP690, adding ZigBee PRO to its product portfolio and offering full support for its Open Smart Home Framework, integrating all three ZigBee networking variants Green Power, RF4CE and PRO into a single overall architecture defining the “second wireless network for the home”. This second network is complementary to Wi-Fi, the first wireless network in the home for content distribution (internet, movies, TV, etc.). ZigBee implements wireless networking for sense and control devices (such as remote controls, lights and light switches, thermostats, security devices, wellness and fitness devices, and many more).

The GP690 ZigBee PRO solution is part of the Open Smart Home Framework that combines the three flavors of ZigBee networking into a single architecture. This framework seamlessly connects the ZigBee network to the internet by allowing a single ZigBee radio device in the set-top box/gateway to master a complete sense and control home network at very low cost of implementation.

The Open Smart Home Framework features:

1. ZigBee PRO, for highly reliable sense and control networking, supporting applications such as Home Automation and Light Link;

2. RF4CE, for very low cost, low power (long battery life) and low latency (immediate response) devices, such as remote controls and other human interface devices;

3. Green Power, for maintenance-free devices (battery-less, or with battery life exceeding product life time).

Many large operators are rolling out millions of set-top boxes/gateways that include ZigBee for enabling the management of smart home services. By including the set-top box/gateway in the Open Smart Home Framework the home network seamlessly connects the ZigBee network both to the indoor Wi-Fi network as well as to the

broader internet, enabling transparent and secure access to the home control network from any place in the world.

GreenPeak Technologies
www.zigbee.org [1]

Source URL (retrieved on *11/28/2014 - 1:43pm*):
http://www.ecnmag.com/product-releases/2013/01/network-framework-allows-integration-variants-single-overall-architechture?qt-recent_content=0

Links:
[1] http://www.zigbee.org