

INTERNSHIP DAY



@ THE PATRAS INNOHUB, May 15th, 2012

BLUEdev Ltd



BLUEdev's WHO is WHO ^[1]

Vision: BLUEdev focuses on introducing affordable, mass market, dynamic energy management devices and platform that enable utility companies and consumers to reduce their total energy costs while improving comfort, safety and environmental protection.

Mission Statement: BLUEdev provides ISPs or utility companies with the ability to manage, store and analyze consumption data, a crucial element of operating the smart grid as well as creating the value-added services that lead to consumer efficiency.

Who: The team consists of engineers with 20 years experience in product development with young talented engineers from the University of Patras.

When: the last 2 years

Where: Patras & Athens

What: Energylog

BLUEdev's WHO is WHO [2]

Applied Technology: BLUEdev products facilitate the energy monitoring and control and automate the communication between utilities and consumers. Equipped with μ -controllers, they use wireless and M2M technologies to collect and analyze usage and to digest price information, shifting loads to low-use periods if possible in order to eliminate load picks in the Smart Grid .

Data: SME with more than 5 new hires in the last year that brakes even

Success Story: Not yet...

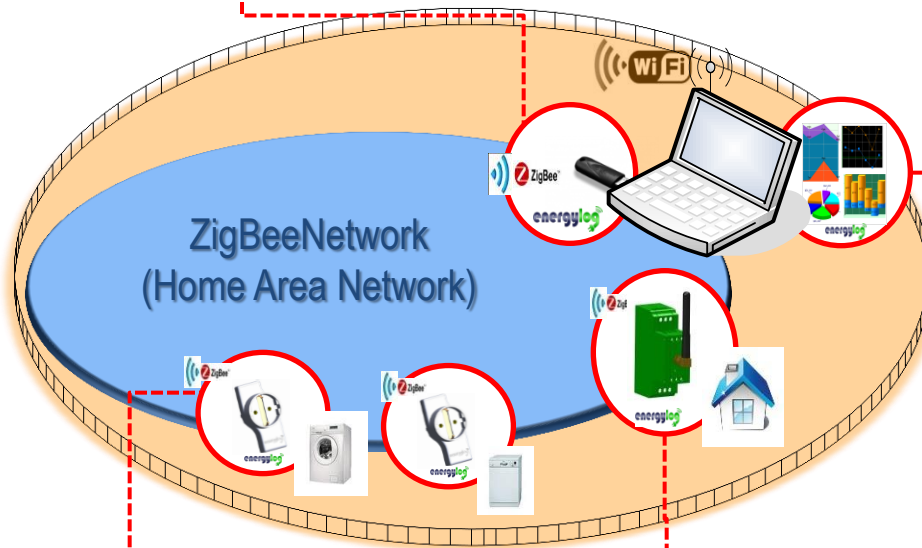
R&D orientation: HW-SW co-design

In 5 years from now: International Company with products in the World market

Home Energy Monitoring & Control

Home Area Network

Coordinator (ZigBee dongle)



SchukoPlug

Din Rail Energy Meter

PC based application

- A Home Area Network (HAN) – (a mesh network of ZigBee sensors) - is created and coordinated by EnergyLog ZigBee USB dongle and PC based application.
- The PC also functions as a bridge between the HAN and the Home Network (based on LAN and/or Wi-Fi).

[Προϊόντα – υπηρεσίες – λύσεις]

- ZigBee USB dongle

USB dongle



- ZigBee enabled Power Plug

Shockoplug



- ZigBee enabled Din Rail Energy Meter

DREM



- GPRS & Zigbee enabled Din Rail Energy Meter

GDREM



- PC based application

PC based app.



- Web based application

WEB based app.



[ανάγκες θέσεων πρακτικής άσκησης]

1. Θέσεις στο τμήμα Marketing για την προώθηση του προϊόντος στην αγορά μέσα από τα δίκτυα κοινωνικής δικτύωσης
2. Θέσεις μηχανικών λογισμικού ενσωματωμένων συστημάτων με αντικείμενα:
 - Power Line Communication
 - Zigbee
 - WiFi
 - GPRS
 - ...
3. Θέσεις για ανάπτυξη εφαρμογών σε smart phones Android και iPhone