



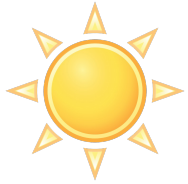
ict for sustainable homes

November 17-19, 2010 - Plaza Hotel, Nice, France



**Innovative products and
services for the home**

Olivier Brie - CEO



The global market for home area network products and services could reach \$3 billion by 2014, according to ON World.

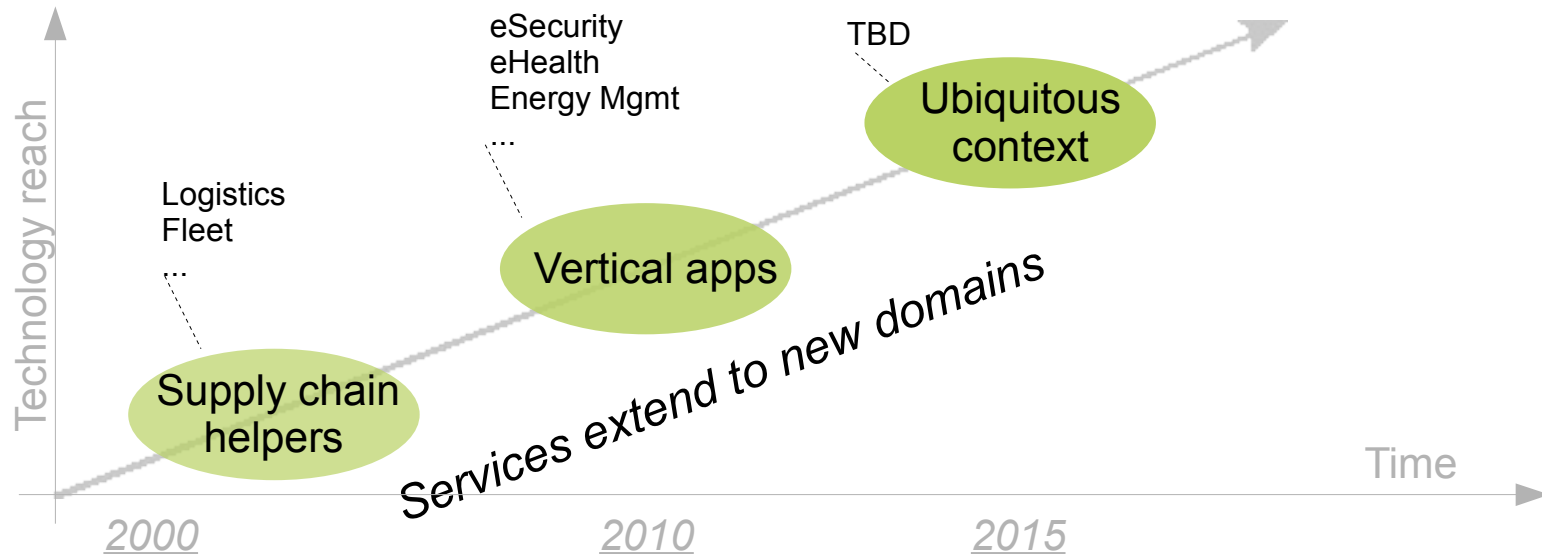


Delivering value-added services @ home

Home Area Network

Gateways ~~/~~ & connected devices

Leveraging telecoms network experience, **ubinode provides an integrated sensors network management solution**, with a focus on improving operational effectiveness.



ubinode's solution responds to problems faced by “sensor-based” VAS providers:

- Understanding of the structure and health of the sensors network
- Alarm, Fault, Fraud management
- Integrity of the given network and availability of sensor data
- Costs control in terms of deployment and maintenance

ubinode – TICELEC pilot

Working along French research offices - CNRS and Sciences Po - ubinode will pilot an experimental Energy Management project in Biot (75 households).

Two key objectives:

Would additional, online data help change usages, reduce energy consumption?

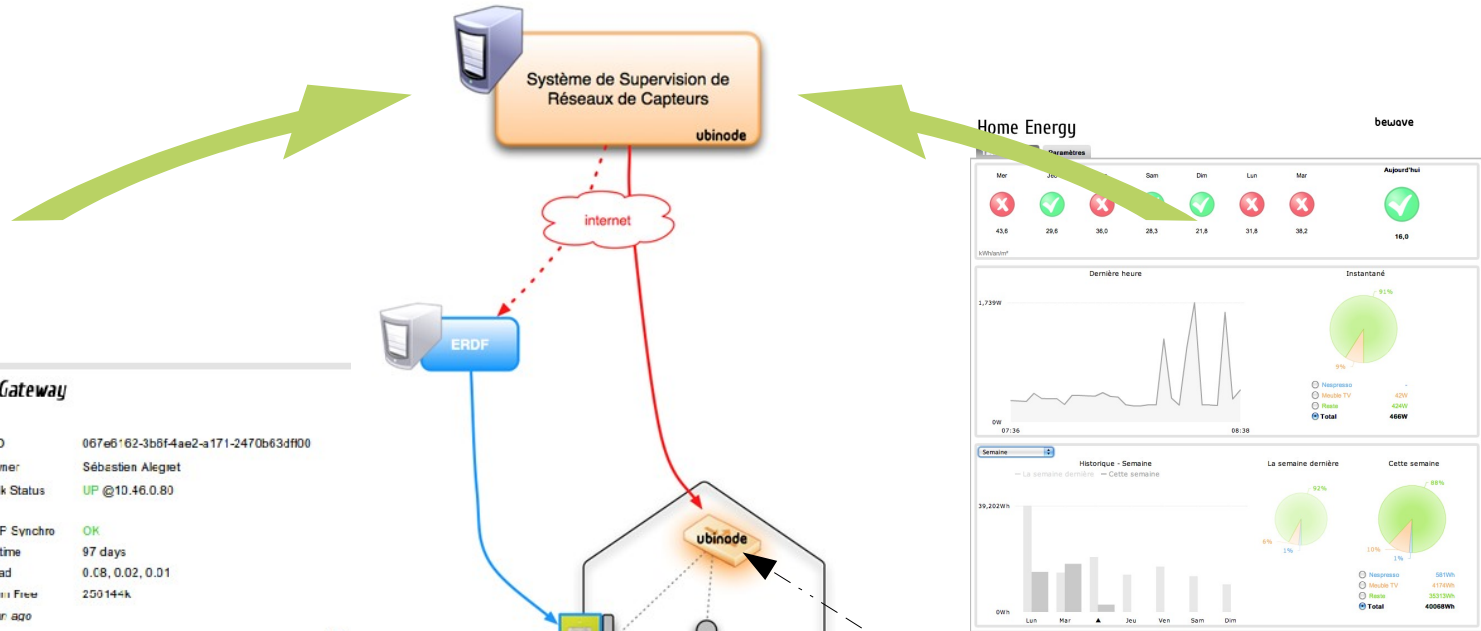
Define operational procedures, associated costs structure and its acceptability to business, service providers



Provence-Alpes-Côte d'Azur,
notre région



ubinode - TICELEC pilot



Network View

seb

067e6162-3b9f-4ae2-a171-2470b63dff00

- [ZP LUG] Eau
- [ZP LUG] Cafétéria
- [ZRC] Mat.Desk
- [ZP LUG] Climatisation
- [ZRC] Meeting Room
- [UBEE] 10000350c2366t2b

mat

46badbf0-bb18-11d1-8694-0001c00603c2

Gateway

UD 067e6162-3b9f-4ae2-a171-2470b63dff00

Owner Sébastien Alegret

Link Status UP @10.46.0.80

NTP Synchro OK

Uptime 97 days

Load 0.08, 0.02, 0.01

Mem Free 25014+k

9mn ago

[ZF]

[ZRC] Meeting Room

[ZP LUG] Eau

[ZP LUG] Climatisation

[ZP LUG] Cafétéria

Device

Select a sensor device.

- 1 gateway
- 1 general meter
- 2 usage meters



YES definitively, but

How to get access to the home
in a cost efficient manner?

Who will get the first move
in HAN management?

How will these services
being delivered?

Who will take ownership of
the HAN and associated
communication?

When to expect service
delivery platforms?

**Step back to the late 90's, the “telecom ecosystem” ...
we are just at the beginning !!!**



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UBINODE
Minding Networks

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