Open Domo
s e r v i c e s

The Smart Building Solution

www.opendomo.com

Innovating in optimizing facilities

- OpenDomo provides energy management and control solutions for **improving energy efficiency** of corporate, commercial, public administration and industrial facilities

- OpenDomo helps you **understand your energy consumption**

- OpenDomo **makes it easy** for you to consume only the energy you need

- We are passionate about sustainability and respect for the environment

Key issues faced by businesses today:

- Spiralling **cost of energy**

- No relevant information provided by energy suppliers

- Buildings **consume** as much as 40% **more** than necessary

- Strong economic drivers exist to reduce and optimise consumption

- Investment in new plant or appliances does not deliver the desired ROI

Key issues faced by energy consultants today:

- Existing solutions are **costly**, **difficult to adapt**, and so do **not fully fit** customer needs

- They lack **detail** by not providing consumption per minute, needed to analyze anomalies accurately

- They do not allow **customisation of reports** to add text comments

- Many of them, do not integrate automatic **review of invoices** received from utilities

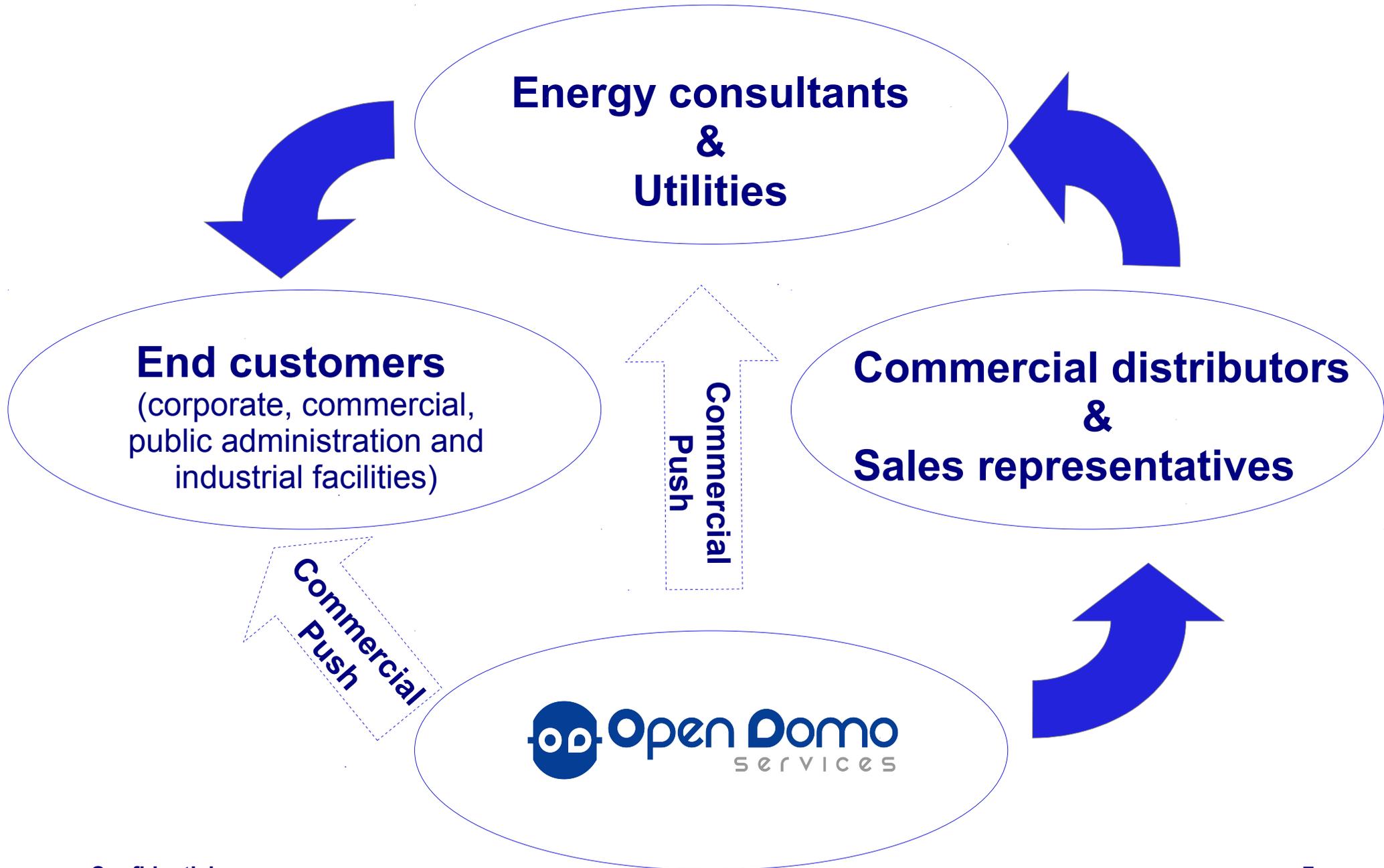- They do not **integrate facility control**. Measurement only is not enough

OpenDomo Solution: Software & Hardware

Electricty, water, gas, sub-metering, temperature, humidity...

Bill Tracking & Validation

Customized Monitoring

Analytics & Reporting

Alarm Manager

Automation

Hardware **Open Domo** services **&** integration of third party equipment

- Fully **cloud-based** solution: **measurement and control**

- **Flexible**: Allows management of multiple types of customers and allows customization and configuration per user

- **Knowledge management**: continuous improvement to service the needs of the channel and customers, this will lead to the most comprehensive platform in the market

- **More features**: customized dashboard, advanced control configurations, billing system, alarm manager, programmed control…

- **Open solution**: can be integrated with any third-party hardware

- **Affordable price:** allowing ROI <1 year

Energy consultants
&
Utilities

End customers
(corporate, commercial,
public administration and
industrial facilities)

Commercial distributors
&
Sales representatives

Commercial
Push

Commercial
Push

Open Domo
services

Supermarkets

Retail

Hotels & Restaurants

Public Admin.

Utilities

Agriculture & Livestock

Countries with partners: **Spain, Portugal, Colombia, Peru, Mexico**

Monitoring

- Real time monitoring of electricity consumption is the first step to understand **where spending occurs** and thus, the first step to save energy

- An alarm manager to detect inefficiencies in real time may eventually allow **savings up to 20%** on your current bill

Usually, inefficiencies come from **forgetfulness and lack of control** over the facilities and staff who occupy them
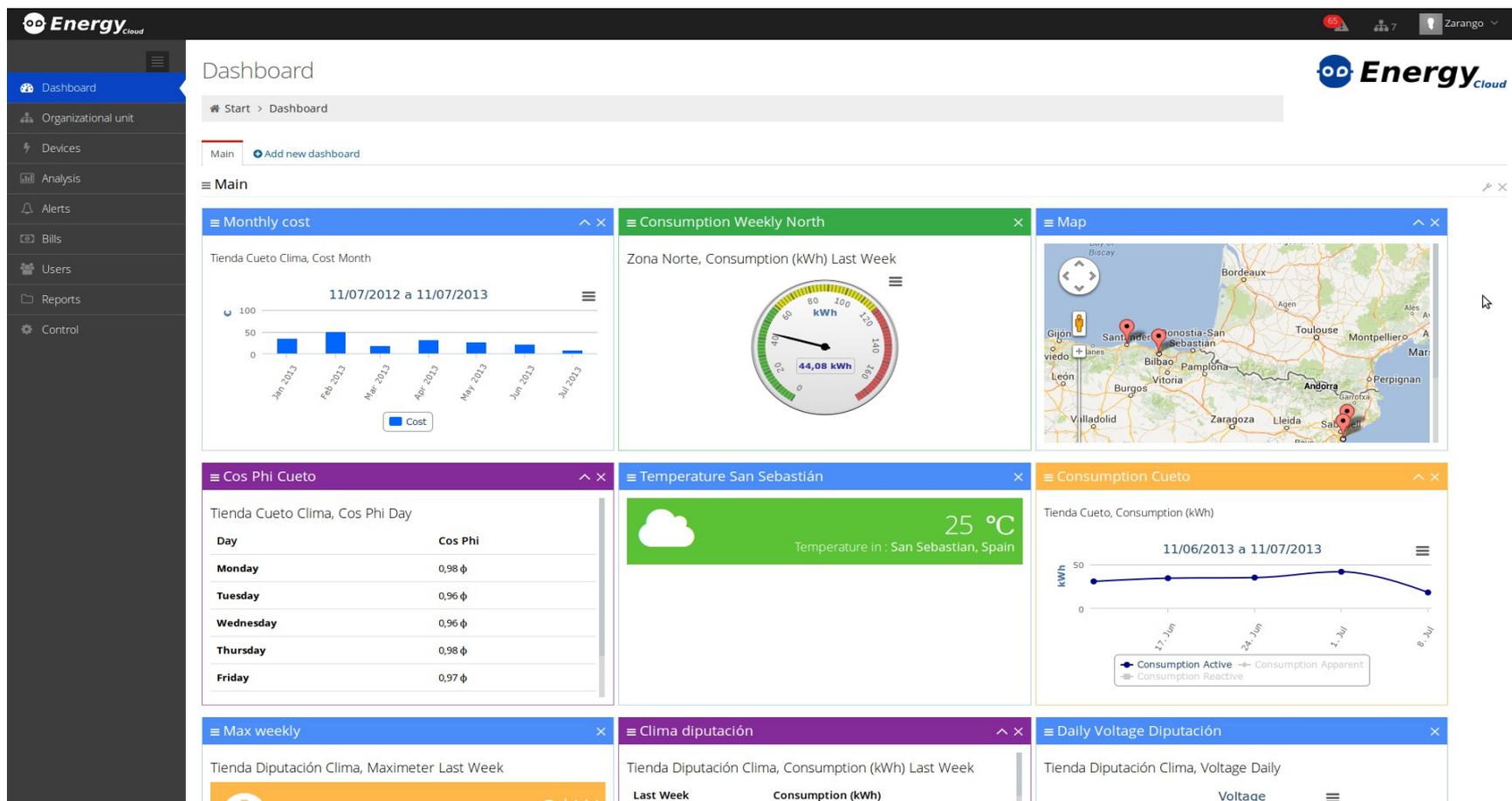
Energy bills are hard to follow and do not indicate how to reduce consumption

OpenDomo solutions gives you a clear picture on consumption and gives advice on how to reduce cost and increase efficiency

ODEnergy is a cloud-based solution that fully fits the customer needs

Modules

Now

Try it now!

Dashboard:

Summary of the data, so that users can easily understand the performance of the installation.

Analysis:

Detailed consumption graphics (even per minute detail). Ratios and different concepts (monetary, CO_2, active, reactive, cos phi, voltage ...). Allows comparison between periods and also measurement points.

Alarms:

Set reactive energy alarms, excess of consumption, use out of hours and all those that are useful and will be notified by email.
Keep detailed records of all alarms occurred per measurement point.

Messaging:

Send personal messages, alarms, promotions and monitoring tips among users. Keep the communication history on the platform.

From september

Try it now!

New Dashboard:

The control panel is now configurable and allows you to add various data in the form of "widgets" to see the most relevant information at a glance

Reports:

Create custom reports that can be automatically sent to users. Edit reports for appropriate comments to users.

Billing:

Set the contracted tariff. Receive notice of contract expiration. Perform billing simulations. Import company bills and get a review of the concepts billed automatically.

Control:

Automate the installation and have remote control over it. Detect inefficiencies and eliminate them automatically and / or remotely. Configure the control devices directly from the platform.

Authentication:

Centralized user management with different profiles so you can assign access permissions access the areas of the application that you choose.

Multiple customer benefits:

✔ It helps to consume only what you need

✔ It offers more and better information,
   accessible from any smartphone or PC

✔ It gives peace of mind by knowing that you
   pay for what you spend

✔ **Flexibility:** Fully customizable configurations, charts and concepts, among
   many other features

✔ Its **affordability** allows to forget about long-term investments. Payback of the
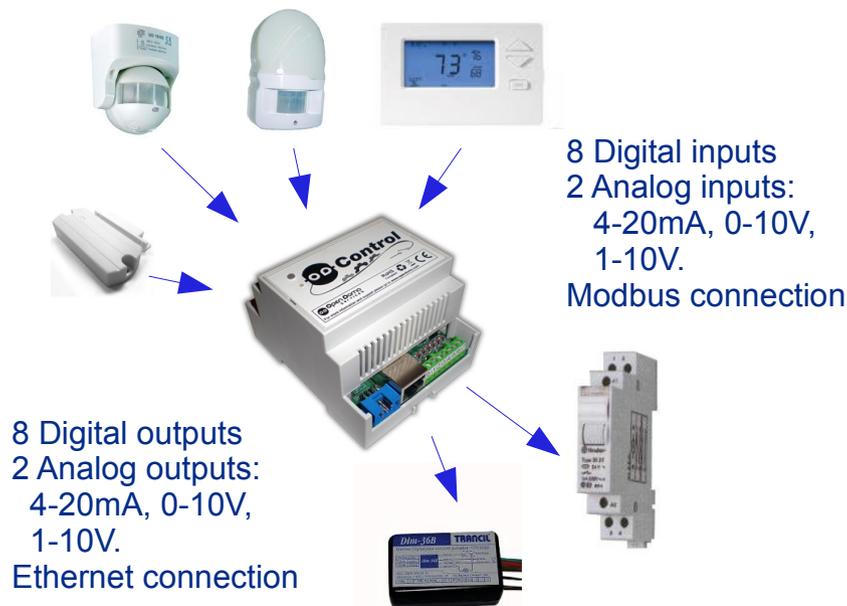   investment occurs in even less than 12 months

Automation

If to energy monitoring, we add facility automation, **savings** can go up to **40**%, allowing inefficiencies to be automatically removed

Automation of **on / off devices** and its **regulation** prevents **oversights** that can cost money, as well as providing more comfort to users. So, the combination of monitoring and automation guarantees **greater savings**

8 Digital inputs
2 Analog inputs:
   4-20mA, 0-10V,
   1-10V.
Modbus connection

8 Digital outputs
2 Analog outputs:
   4-20mA, 0-10V,
   1-10V.
Ethernet connection

Enables interaction with sensors (light, temperature, humidity ...) and actuators (relays) from any manufacturer, to capture data and control the environment

Remote acces allows the user to perform real time checks and controls, even from smartphones

Multiple customer benefits:

- Among its **various applications** it features: lighting and motorized elements control, HVAC, irrigation systems, etc..

- Allows **logical and / or arithmetic operations**, to automate digital and analog devices. Allows **conversion from modbus to tcp / ip**. Allows cascade connection

- **Embedded web server** that allows control of the system remotely from a smartphone, tablet or PC without downloading any software

- **Simple but yet effective interface**, which also includes an online configurator of ports

  New: it can now be accessed through the energy monitoring cloud

- It communicates with the **ODEnergy** by IP network, therefore it can be used as consumption limiter

With automation, customers have reduced consumption by 27%

OpenDomo monitoring identified the inefficiencies in lighting, temperature control and system operation

The energy savings increased using OpenDomo automation. This is the programming that was set for this client:

- From 8 to 10am the system dimmed lights at 1/3 of its capacity

- At 10am (after opening) all the elements are turned on. The temperature is controlled automatically

- At 8 pm (closed to the public) the system turns off all items leaving turned on only 1/3 part of the lighting until 10 pm when the store closes

Lighting and air conditioning system are **now controlled**, preventing human carelessness, excessive consumption, consumption peaks and extreme temperatures (too cold in summer or too warm in the winter)

Saving energy and money,

at an easy and affordable price

is possible with:

More information at:

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