

# BANKS

Remote energy monitoring and management

BANKS  
CONNECTED  
DIGITALISATION  
AUTOMATED  
OPTIMISATION  
BUSINESS  
ENERGY  
EFFICIENCY

Being one of the largest economy sectors in the world, with liaisons to almost every consumer and business, it is essential for the financial services sector to be environmentally responsible while optimising its operational costs.

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**V P S**  
Virtual Power  
Solutions

The power to do more with less

# Banks

There is **huge potential** for energy savings in the **sector**

**The banking sector**, for its numerous buildings and branches, is one of the areas of activity where energy is more intensively used. Increasing energy efficiency levels at all banks facilities enables cost reduction and improves the brand's image before their customers. With this strategy, it is also possible to increase satisfaction levels of another important group, crucial for these financial institutions: shareholders.

Usually, bank infrastructures differ greatly between them, and each building or branch has its own characteristics. It is therefore necessary that energy consumption optimisation considers each location's variables, concerning:

## ■ Building type

- Age and constructive characteristics
- Multiple management, automation and control systems with different purposes
- Geographical spread facilities

## ■ Existing equipment assortment

- Brands and features
- Age and condition
- Energy consumption
- Quality of maintenance service

## ■ Users

- Multiple users - habits and behaviours
- Regulations that differ according to each location
- Inefficient energy use behaviours
- Difficulties of standardisation and control



With our Energy Management System, it is easy to know where, when and how energy is being used in a bank.



## Kisense software

The most visible part of the Virtual Power Solutions' Energy Efficiency System, complemented by high reliable monitoring devices, by our Energy Management and Customer Support Teams' permanent follow-up to make Kisense a complete and effective solution.

## Virtual Power Solutions' Energy Efficiency Solution

Our banking customers have been helping us acquiring, over the last 10 years, an enormous know-how about this sector and improve our ability to adapt to different realities.

**The flexibility, availability and proactivity** of Virtual Power Solutions' Technical, Energy Management and Customer Support teams are characteristics highly valued by our customers.

Of all the operational costs, the energy consumption is one of the most controllable, being possible to generate **savings up to 20%**.



## Defining and adopting a centralised energy policy is vital to:

- Implement regulations that define how to use available energy resources in an efficient way
- Perform proper maintenance management of equipment and systems
- Determine which investments are a priority, which are the ones who generate more savings, and which ones have the most attractive payback
- Change inefficient behaviours that, mostly, reduce energy costs without any financial effort



## Data explorer

**Analyse your energy consumption** and act quickly. Know when, how and where energy is spent and find out which devices consume more energy.



## Savings

**Define savings targets** and permanently monitor their evolution. Compare the obtained savings with the implemented measures and perform a ROI forecast of the measures.



## Alarms

**Define when and how you want to be alerted** for excessive consumptions which occur outside scheduled time and defined objectives.



## Control

**Remotely control devices** and your company's energy consumption areas, and schedule working periods and parameters.



## Events

**Identify the key-moments** of your company's energy consumption.



## Reports

**Obtain customisable regular reports** as well as specific reports for the different areas of your company. Closely monitor your company's energy consumption.



Virtual Power  
Solutions

**VPS** is an innovative, market leader in the design and operation of dynamic connected platforms, providing real-time granular data to consumers, network operators and utilities. Minimising consumption by increasing energy efficiency, optimising the time of use and realising the monetisation of loads.

With over 10 years of experience, VPS has a proven team of experts with a strong track record of providing significant benefits to all stakeholders in the modern energy network. Our aim is to become the largest builder and operator of Virtual Power Plants in Europe.

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Cofinanciado por:

