Remote energy monitoring and management

Hotels

VPS

Virtual Power
Solutions

There are plenty of opportunities for optimising your energy consumption!
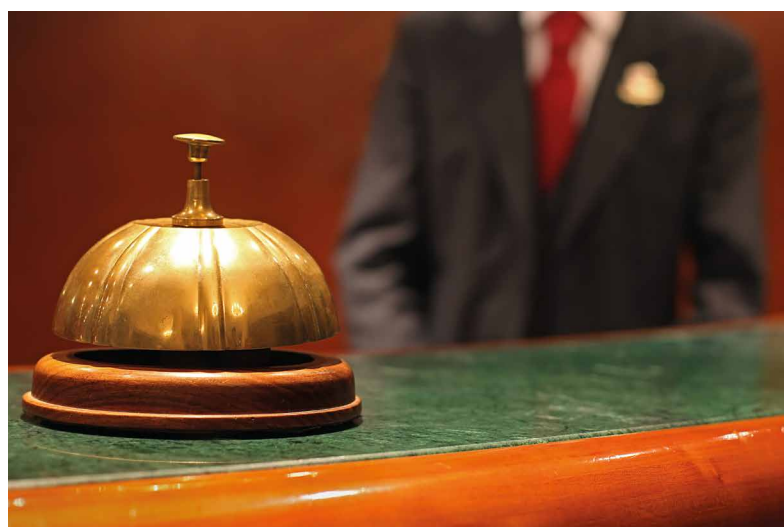
The hotel industry

will soon become the largest business sector worldwide and that means an increasingly higher environmental footprint. Decreasing energy costs is one of the main objectives of any hotel manager. Energy prices have been increasing every year and this trend is likely to continue over the coming years.

Today's challenge for hotels is to combine an increasing demand for a wider variety of experiences with cost control. However, how can you combine the competitiveness growth of your hotel with the rise of energy consumption, which arises from offering more attractive and distinctive services?

The answer lies in improving energy efficiency.

And what does being energy efficient means?

- Save money on energy costs

- Decrease environmental impact

- Improve your company's ecological reputation

VPS' Energy Efficiency Solution allows you to accomplish this goals more easily. By monitoring your hotel consumption, we can determine energy efficiency levels of the different buildings, detect inefficient behaviours and devices, and display in detail all energy consumption. The purpose is to implement measures that enhance competitiveness and decrease energy costs.

Adopting energy efficiency measures promotes the provided services' quality and generates more profits.

What can Energy Efficiency do for you and for your hotel?

- By adopting a proactive attitude, energy management costs, which grown annually, are reduced
- Empowers every element of the organisation and increases cooperation levels between employees
- Strengthen social and environmental responsibility banners which can easily be communicated to customers, suppliers and to the public

So you can focus on your business, **VPS assigns an Energy Manager for each project,** who oversees all the process and helps every member of the organisation to increase energy efficiency. Therefore, we ensure changes will become conscious and permanent, so that inefficient behaviours will not be adopted again.

Energy inefficient behaviours are costing you money:

- Lights kept permanently on in the common and circulation areas (corridors and garages, for example)
- Faults in preventive maintenance of devices that consume more energy, can lead to malfunctions that are not reported or solved on time
- Heating and cooling systems from rooms, common areas and service areas with maximum and minimum temperatures incorrectly configured
- Kitchen area and scullery equipment kept on during inactivity periods (ovens, extraction systems, etc.)

Our Kisense software is the most visible part of this system which has been designed to help you understand where, when and how energy is spent and what it represents in terms of CO_2 emissions. The tools, resources and information available are extremely useful for you to incorporate energy efficiency measures both in the daily activities of your hotel as well as planning any larger investments.

kisense

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

Alarms

Define when and how you want to be alerted for excessive consumption that occur outside scheduled time and/or defined objectives.

Control

Remotely control devices and your company's energy consumption areas, 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.

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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