

WELLNESS TECHGROUP

This company develops and implements IoT, cybersecurity, Big Data and AI solutions across the world, providing public infrastructure digitalisation projects in three key areas of Smart Cities: smart energy, smart waste management and smart cybersecurity.

www.wellnesstg.com



Wellness TechGroup

Collaborating member of the Smart Destinations Network



WESAVE ENERGY EFFICIENCY

WeSave is a robust and flexible solution designed to become a **monitoring point for all kinds of environments**. It is able to incorporate a wide range of sensors that enable all types of parameters of interest that affect energy performance to be monitored.

The network's architecture, based on IP communications, is multi-protocol and allows **information to be centralised in a simple and transparent way**. Furthermore, its open architecture makes it compatible with already installed systems and allows the future addition of new elements or systems.

WeSave can integrate several sensors such as:

- **People counting** to correlate the information with the energy consumption of a certain place
- **Motion sensors** to detect tampering or theft
- **Environmental sensors** (temperature, humidity, etc.)

The architecture of WeSave is composed by the following components: WeSave Manager, the software tool that tracks the energy monitoring and analyses the data collected, the equipment for energy monitoring in the installation and the communication systems.

The system is mounted on a building or facility's electrical panels and includes a Unigate control system, the measurement units that are going to be controlled and external sensors.

The solution is normally implemented in the cloud. For communications, it uses any of the customer's existing networks (Wi-Fi, Ethernet), using the Internet connection or GPRS in case they want to become independent from pre-existing installations. In any case, the solution is compatible with any type of communications.

Scope of smart destination application

**Technology
Sustainability**

Solutions for destinations in the following areas



Type of solution

