



A sustainable, digital and connected future

Your tech solution provider



**Our
Group**

With the common goal of making life easier for citizens and tourists and to bring us closer to a better and more sustainable future, the companies that form **Grupo Gimeno** develop their activity in 11 different areas of activity.

More than **145** years of experience

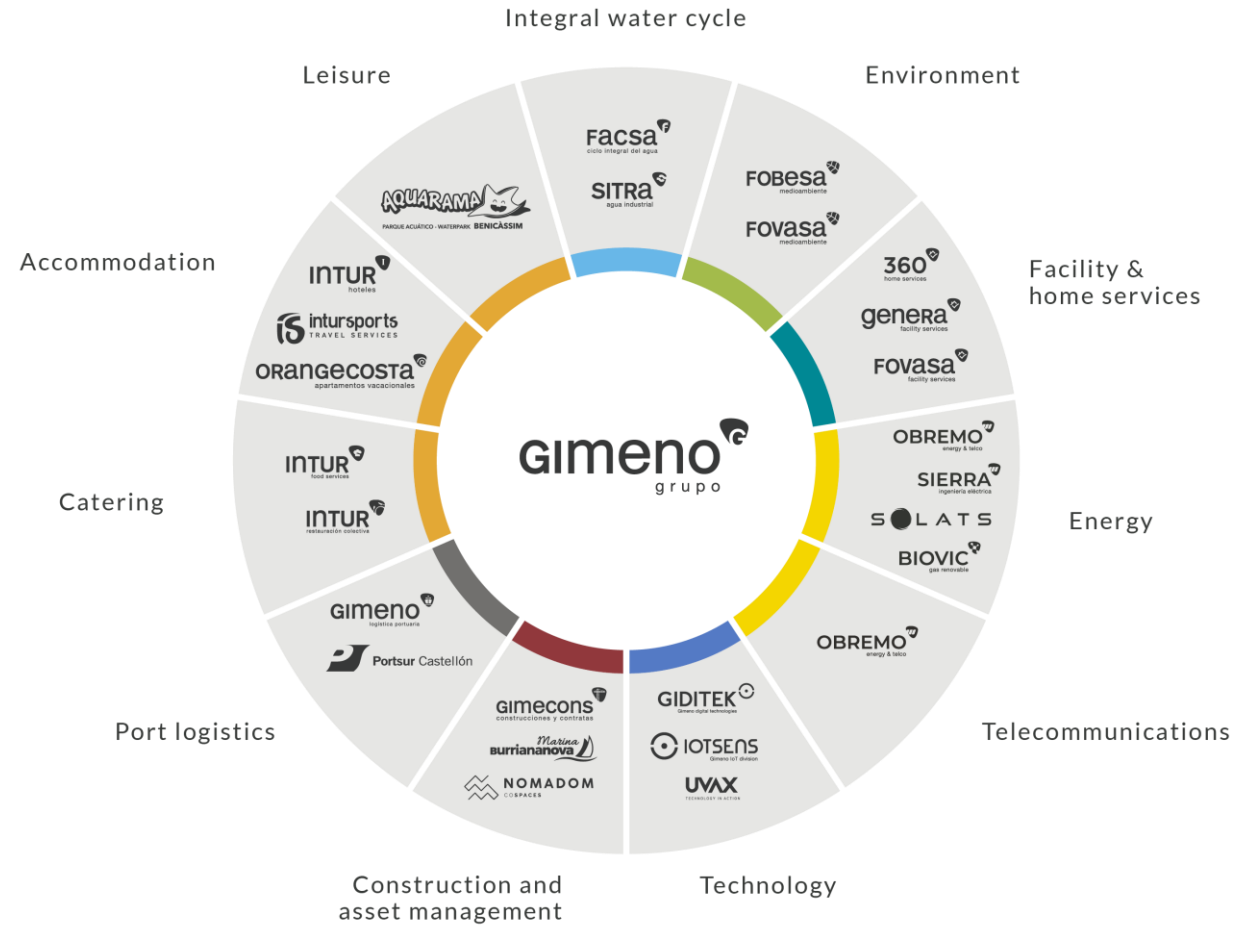
More than **500M** euros in turnover

More than **90** companies

More than **4M** people helped

More than **7.000** staff members

More than **30** customer service points



*Global solutions
for the citizen*



GiDITEK is the company responsible for boosting technology within the Group, supporting its digitization, and generating and developing new businesses rooted in the digital revolution.



Data center and communications



Microinformatics & Helpdesk



ERP: SAP & BI



Software development:
RPA - BPM



At IoTsens we offer society the necessary tools to connect the physical world with the digital world through Internet of Things, Big Data and Artificial Intelligence technologies with the aim of being more efficient, digital and sustainable



Custom Projects



Smart City



Smart Water



Smart Building



Smart Irrigation

Our Mission

GIDITEK's mission is to lead the technological change of Grupo Gimeno companies through the development and implementation of information systems and technology as well as the development of new technological businesses

As part of the Technology Area of Grupo Gimeno, at **IoTsens** we offer society as a whole the necessary tools to **connect the physical world with the digital world through the fields of Internet of Things, Big Data, and Artificial Intelligence** in order to be more efficient, digital and sustainable.

+
26
YEARS OF
EXPERIENCE

+
100
PEOPLE IN THE
TEAM

+
8M
IN INCOMES

+
60K
CONNECTED
DEVICES

+
30
PEOPLE
INVOLVED IN
IOT PROJECTS

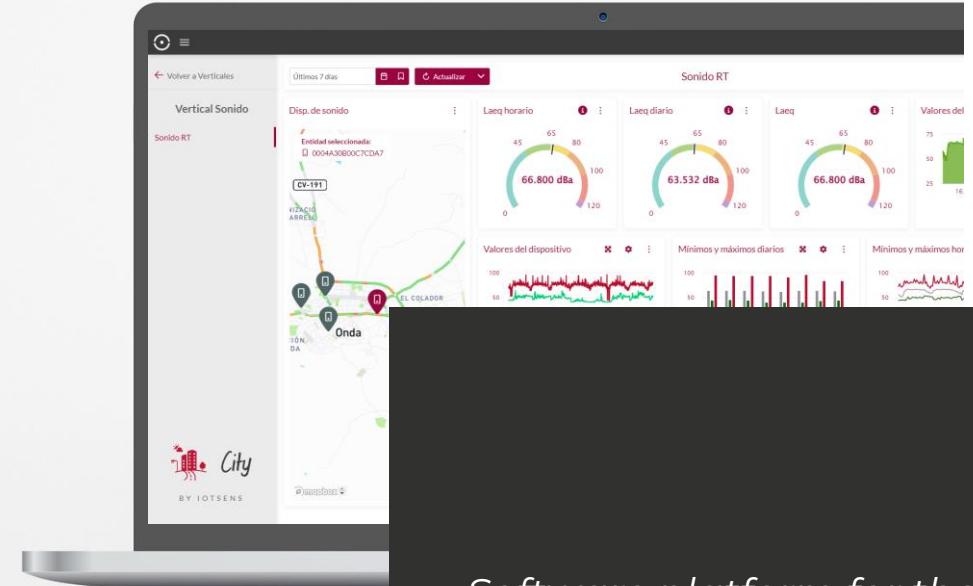
+
2M
IN INCOMES



**Our
Products**

Smart Sensors

Development and integration of a wide variety of sensors



Software platform for the remote management that facilitates decision-making and enables the optimization of available resources in real time.

Water cycle

Smart Water Meters



Over 25 integrated brands

Limnimeter



Watchmeter Lite



Watchmeter Data Logger



Connectivity

Outdoor LoRaWAN Gateway



Indoor LoRaWAN Gateway



Gateway AMR



WMBus Hub



Environmnet

Sound



Filling



Air Quality



Soil Moisture



Indoor CO₂



Outdoor CO₂



CO₂ Basic Indoor Control



Electrovalve Controller



Mobility

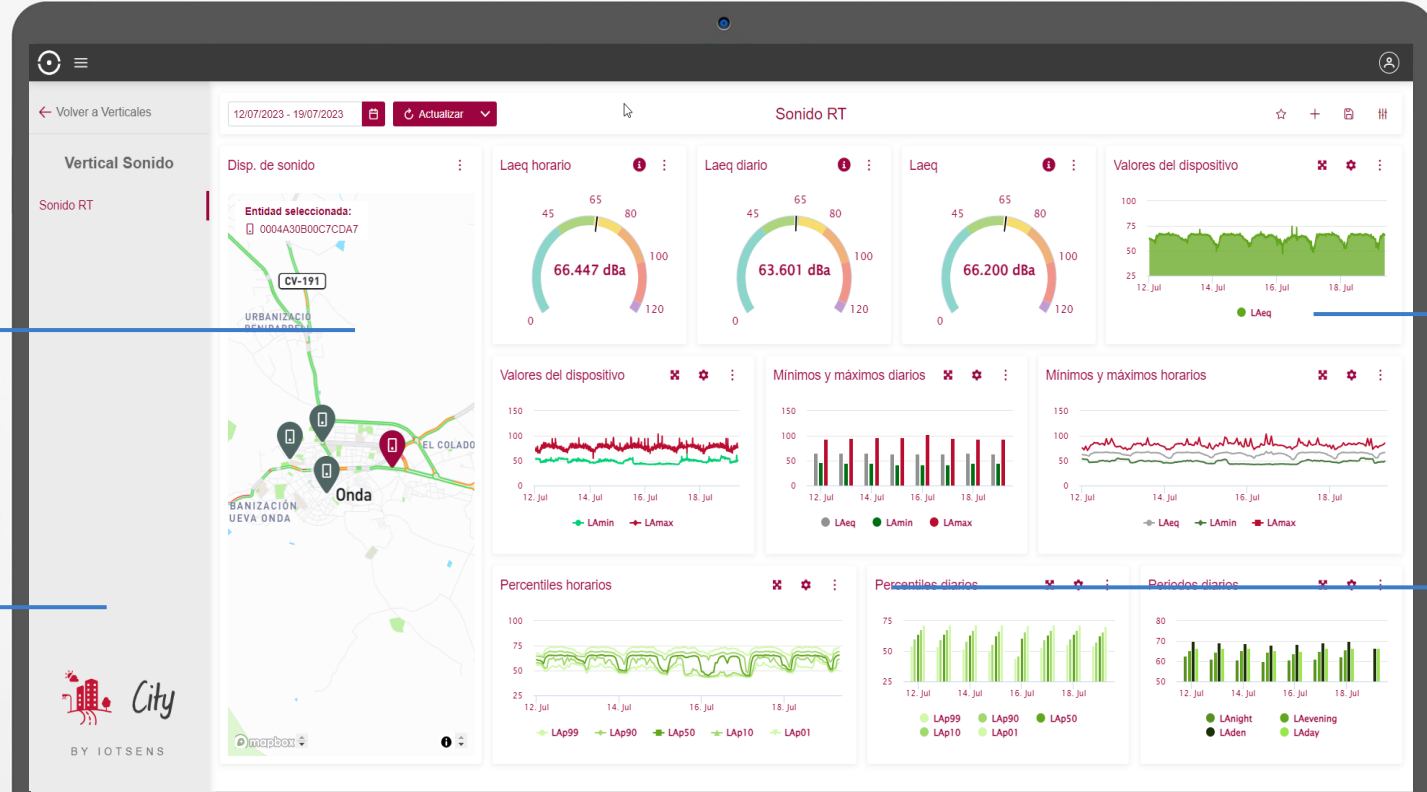
Parking



Software Platform

Analytics
Chart with
historical
information

Dashboard
Summary of
the most
significant
variables



Big Data / IA
and Heat
Maps

Interactive
map
Geographical
location of the
devices in the
city

Software Platform



Optimization of public resources



New business models



Integration under the same platform



Enabling decision making

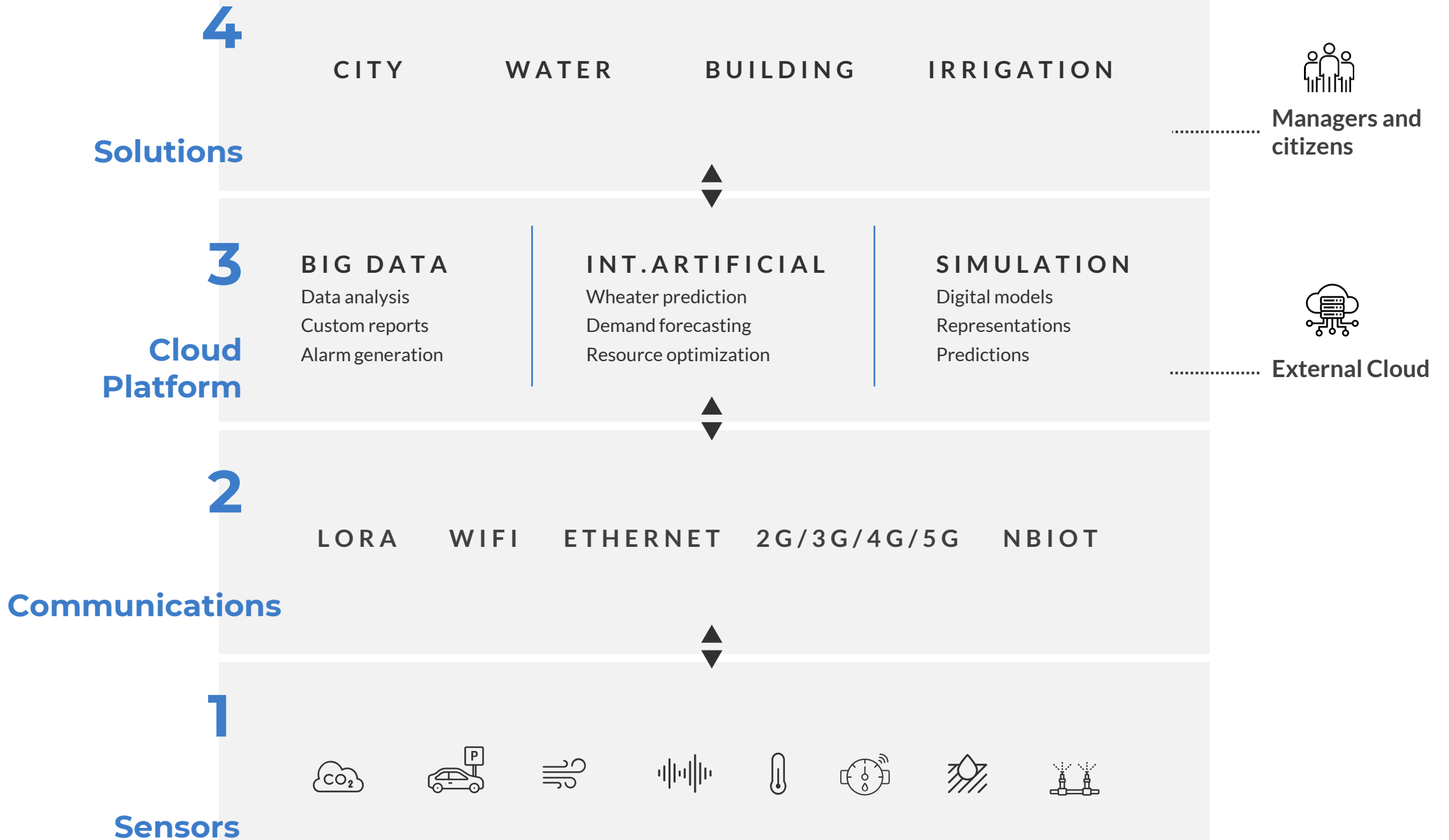


Control of environmental impact



Historical analysis

Full multi-vertical solution



3 Cloud Platform

BIG DATA

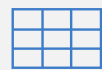
Structuring and organization



Unstructured data from different sources



Packaged and ordered data



Structured information

ARTIFICIAL INTELLIGENCE

Predictive analytics

Data analysis

Results



ALGORITHM 1



KPI 1



ALGORITHM 2



KPI 2



ALGORITHM N...



KPI 3

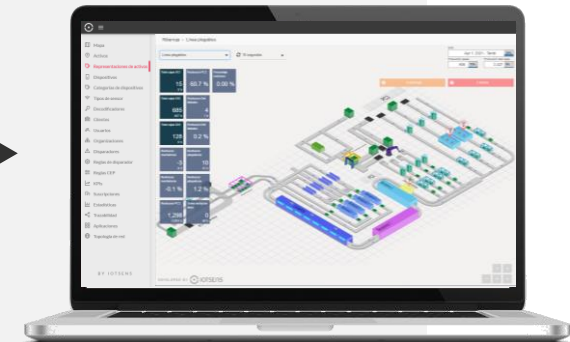
SIMULATION

Smart cities and buildings digital twin

Geographical information

Vertical integration

Meshed





- **Our
Solutions**



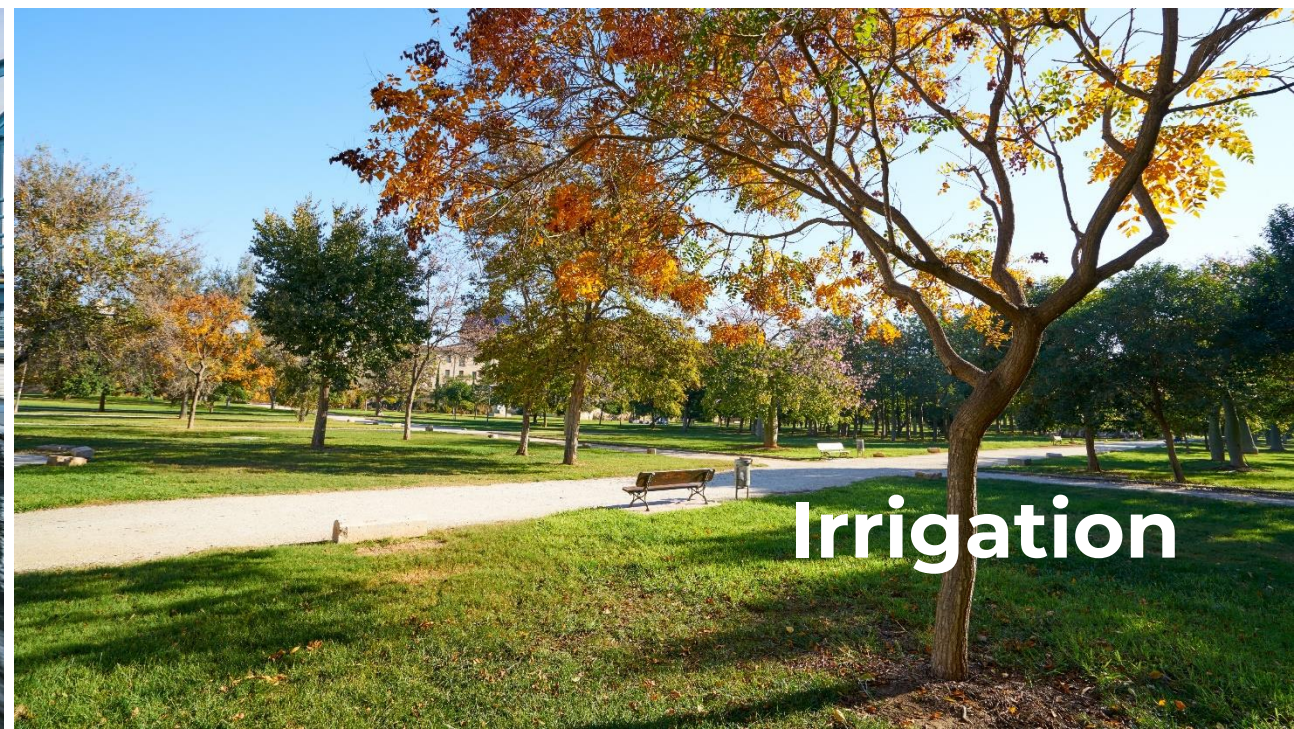
City



Building



Water



Irrigation

City

watch video



End-to-End solution that provides the information needed for smart decision making in urban environments, creating digital, connected and sustainable ecosystems.



Optimization of public and private resources



Economic and social growth



Improvement of environmental conditions



Improvement of public health



Raising public awareness



Reduction of carbon footprint

Sensors
deployed



Management
software

Application areas



Air quality
monitoring



Parking
control



Urban waste
management



Noise level
monitoring



Smart
lighting

Torrent

We transform Torrent into a Smart and sustainable city



CUSTOMER



PARTNERS



RESULTS



Weather control



Smart Lighting



Waste system monitoring

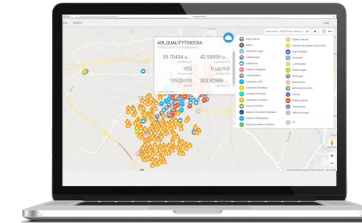


Noise study



Irrigation automation and optimization

ARQUITECTURE



IoTsens + Sentilo Software

4

LoRaWAN / Ethernet



14.000 UVAX luminaries nodes

3

Conexión B-PLC



250 LoRaWAN Gateways

2

Conexión IP/LoRaWAN



700 Sensors

1

Gandía

Sustainable development based on the use of data and technology



CUSTOMER



PARTNERS



RESULTS



LoRaWAN network



Parking slots monitoring

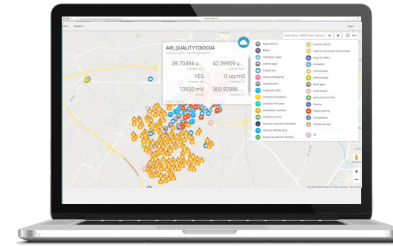


Noise study



Weather control

ARQUITECTURE



IoTSENS + Sentilo Software

3

M2M / WiFi



3 LoRaWAN Gateways

2

LoRaWAN / Ethernet



140 sensors

1

Cieza

Sustainable development based on the use of data and technology



CUSTOMER



PARTNERS



RESULTS



LoRaWAN network



Parking slots monitoring

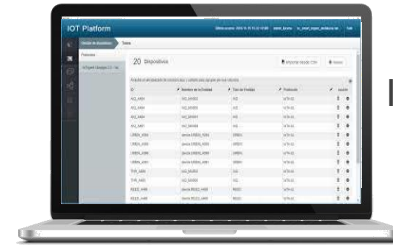


Noise study



Waste system monitoring

ARQUITECTURE



IoTsens + FIWARE Software

3

M2M / WiFi



5 LoRaWAN Gateways

2

LoRaWAN / Ethernet



100 sensors

1

Water

watch video



Integral solution for water management in different fields of application in order to digitize the processes and achieve greater efficiency in its management.



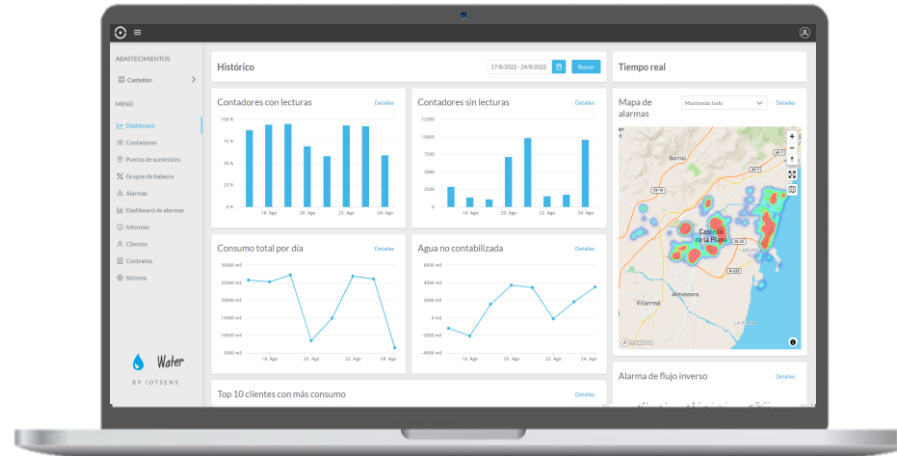
Improves customer management



Optimal management of the supply network



Detection of fraud and leaks with personalized alerts.



Consumption patterns and anomalies detection



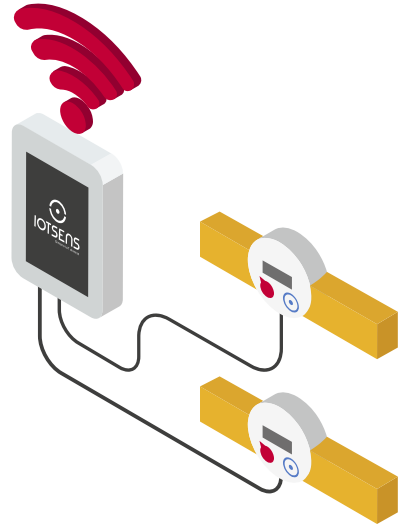
Time and cost reduction



Optimization of water resources.

Water

Deployed sensors



Management software

Application areas



Potable water distribution



Irrigation in parks, gardens and crops



Sewage systems and collectors



Wastewater treatment



Community networks

Remote Water meter reading

We promote the digitization process of the water cycle



CUSTOMER



RESULTS



Over 90.000 water meters monitored/day



Over 25 integrated brands



Prediction of billing



Efectivity in meter changing



Determine the evolution of demand

ARQUITECTURE



IoTsens Water Software

3

M2M / WiFi



Hub WMBUS, hub UNE, Gateway LoRaWAN, etc.

2

WMBus/LoRaWAN/UNE/pulses



Over 90.000 water meters

1

Building

watch video



Solution for buildings management and control through the collection of relevant information from different areas in order to increase the efficiency, security and accessibility of the building.



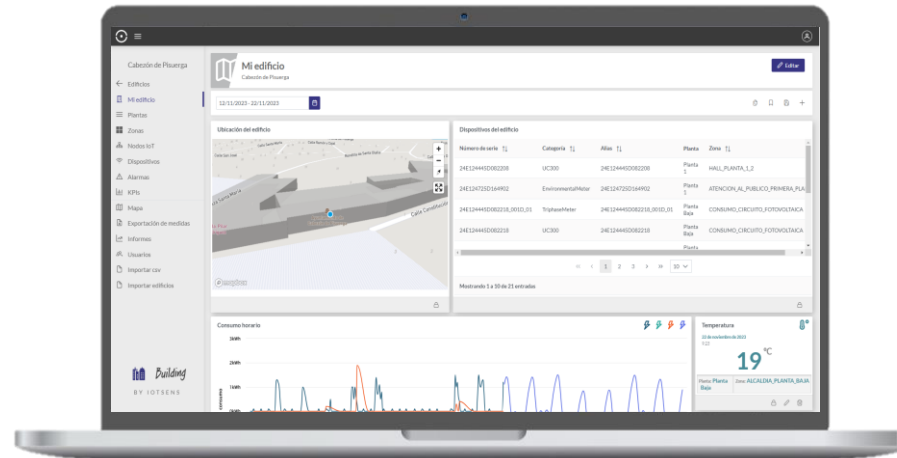
Resources optimization



Reducing operation and maintenance costs



Increasing the satisfaction and comfort of users



Increasing the useful life of the building



Energy savings

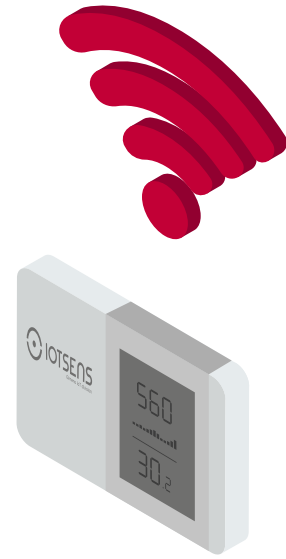


Integration of all services in a single management system



Building

Deployed
sensors



Management
software

Application areas



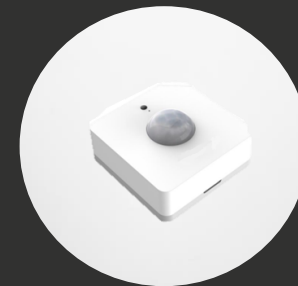
Heating
comfort



Energy
efficiency



Water consumption
management



Occupancy
control

Terrassa Smart Building

Smart Buildings build the digital city

PARTNERS



PARTNERS



RESULTS



Energy balance



Building structure monitoring



Smart lighting

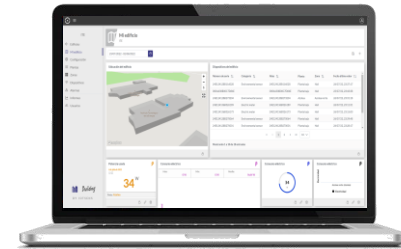


Sensorization of analog variables



Water management

ARQUITECTURE



IoTsens Building Software

3

M2M/WiFi/Ethernet



Over 140 LoRaWAN Gateways and IoT Nodes

2



Over 900 Sensors

1

Public Smart Building

Digitization of the rural environment



CUSTOMER



DIPUTACIÓN DE VALLADOLID

PARTNERS



RESULTS



Energy balance



Climae control



Smart lighting

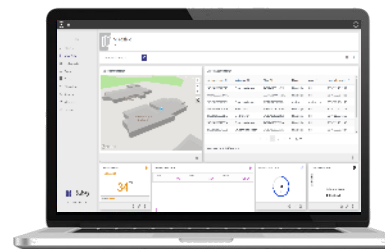


Sensorization of analog variables



Capacity control

ARQUITECTURE



Software IoTsens Building

3

M2M/WiFi/Ethernet



40 IoT nodes

2

LoRaWAN/Ethernet/WiFi



1500 Sensors

1

Irrigation

watch video



Integral solution for the automation of irrigation zones in order to obtain the necessary information for smart decision making in crops and gardens resulting in resource optimization and efficiency in their management.



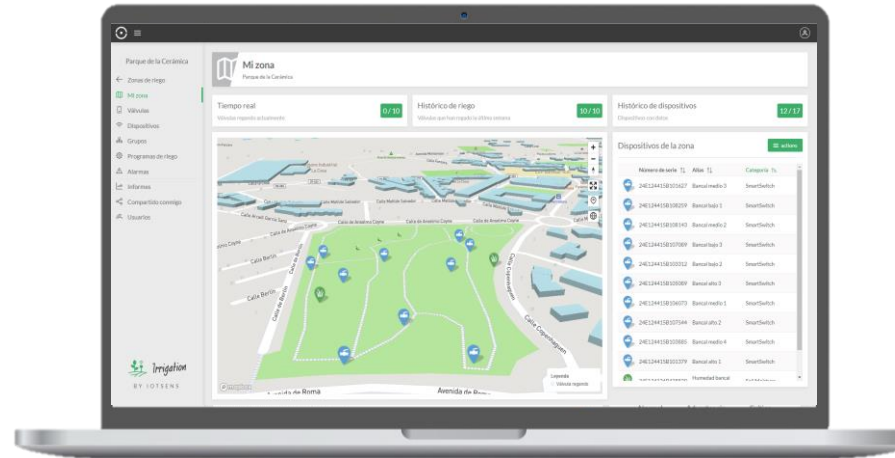
Irrigation automation



Dynamic calendar



Fraud and leak detection



Optimization of water consumption



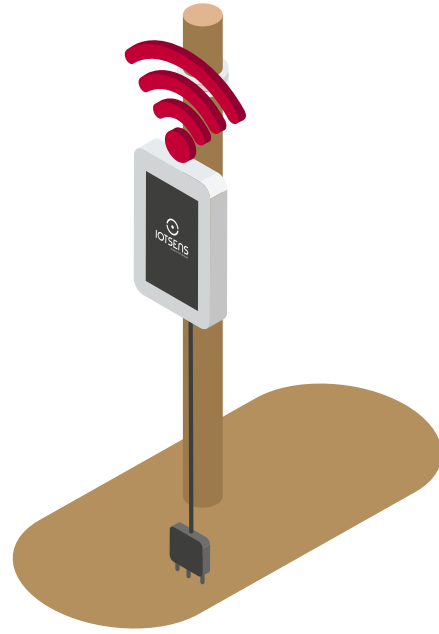
Real-time information



Improves soil health

Irrigation

Deployed sensors



Management software

Application areas



Public and private gardens



Public parks



Agricultural crops



Sport fields

Smart Irrigation Torrent

Irrigation management and automation

CUSTOMER



PARTNERS



RESULTS



Irrigation automation



Optimization of water consumption

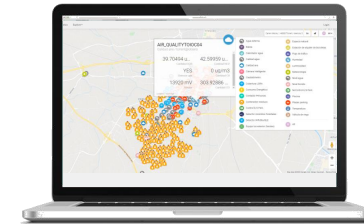


Improves soil health



Real-time information

ARQUITECTURE



IoTsens + Sentilo Software

4

LoRaWAN / Ethernet



14.000 UVAX luminaire nodes

3

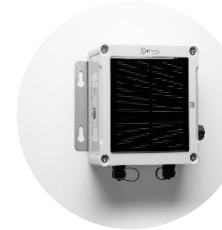
Conexión B-PLC



250 LoRaWAN Gateways

2

LoRaWAN



100 Electrovalve Controllers

1

Smart Irrigation Onda

Every city park managed with smart irrigation system



CUSTOMER



Ajuntament
Onda

RESULTS



Irrigation automation



Optimization of water consumption

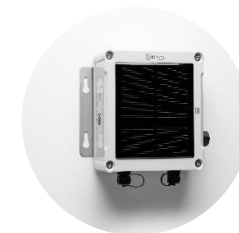
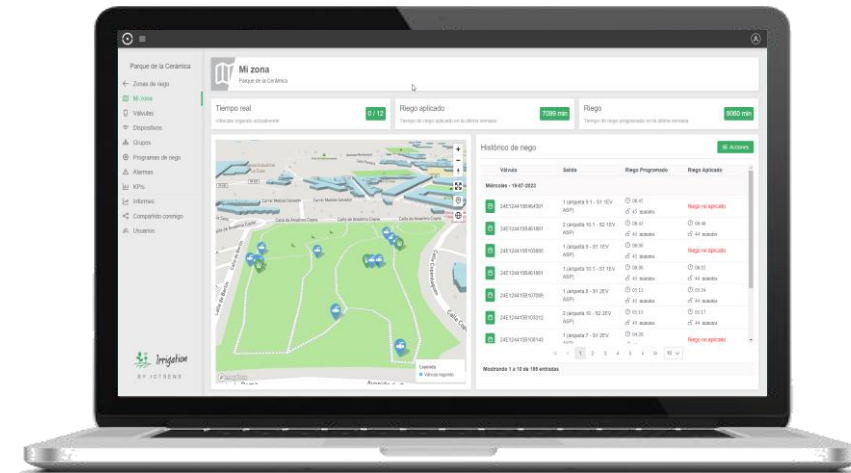


Improves soil health



Real-time information

ARQUITECTURE



IoTsens Irrigation Software

2

Over 65 devices

1



**Custom
Projects**

Custom projects

As we go forward to a more connected and technologically advanced society, it becomes necessary for companies, institutions, and cities to adapt its management to these trends and not be left behind.

There are countless applications of IoT, Big Data, and AI to the real world and as we cannot imagine all of them, we make available to our clients the knowledge we have acquired during our years of experience in the sector.



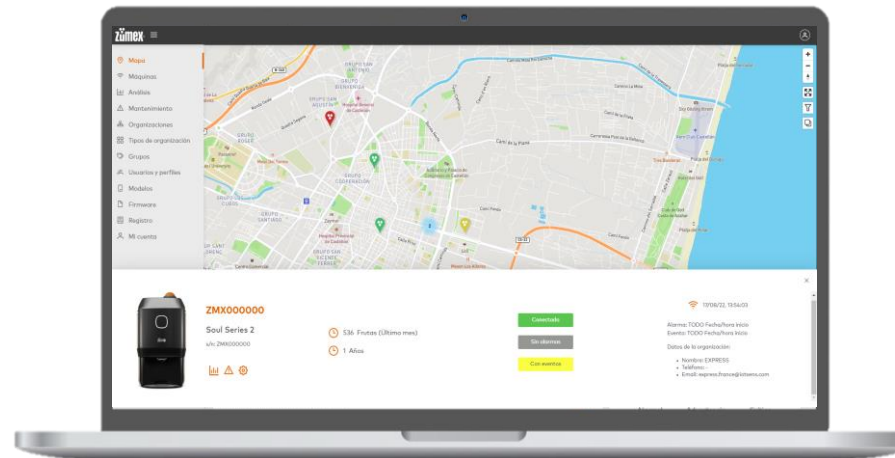
Based on specific needs



Adaptable to any sector



Product differentiation



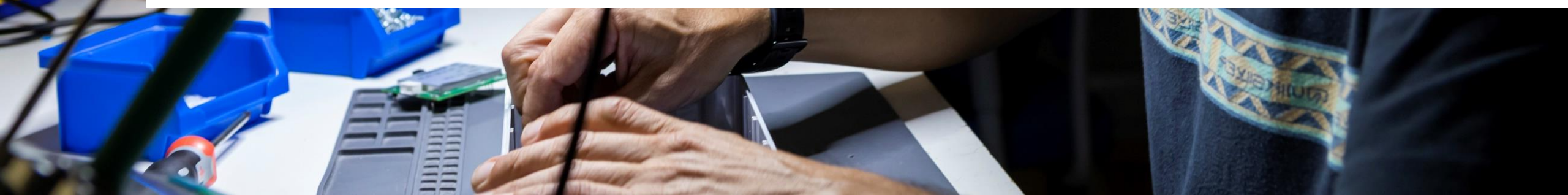
Adaptable modular solution



Ease of maintenance



Resource optimization



NEXTBEER SMART

One step closer towards the perfect beer



CUSTOMER



RESULTS



Graphics of daily consumption filtered by hours and taps



Irrigation status indicators, circuit and tank temperature

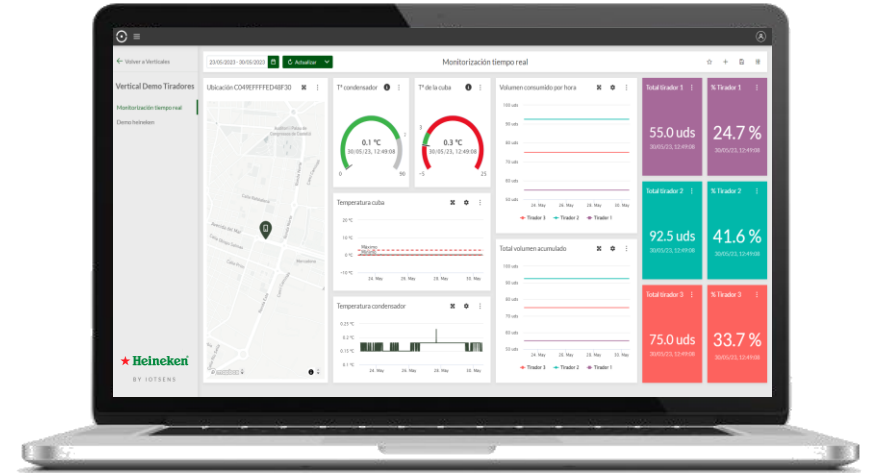


Service customization for clients according to their use



Comparative ratings by hour, day, week and month

ARQUITECTURE



Custom Software Development

2



PCB Development

1

Digital Boilers

Digitization of energy consumption in domestic houses



CUSTOMER



RESULTS



Custom software



Machine remote connection

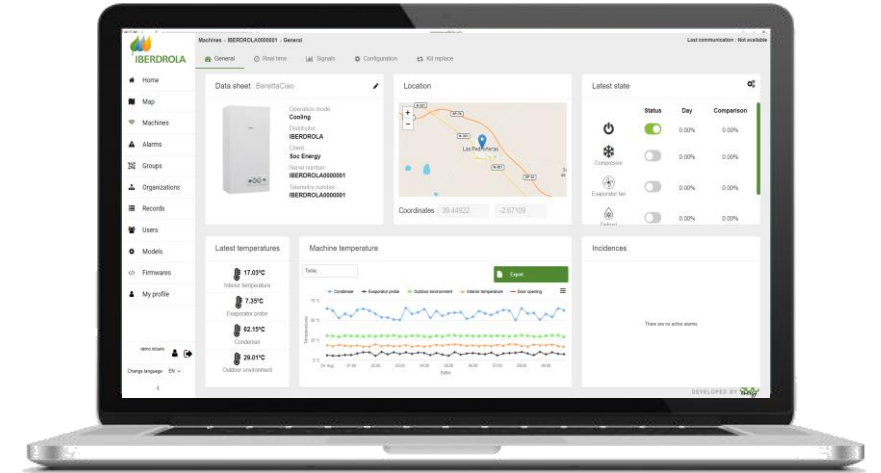


Preventive maintenance



Comparative time-based classifications

ARCHITECTURE



Boiler Management Software Development

2



Controller Development

1

Iberital Connect

We have developed the first connected machine



watch video 

CUSTOMER



RESULTS



Reduction of fraud in the purchase of coffee



Consumption information



Optimization of replacement logistics

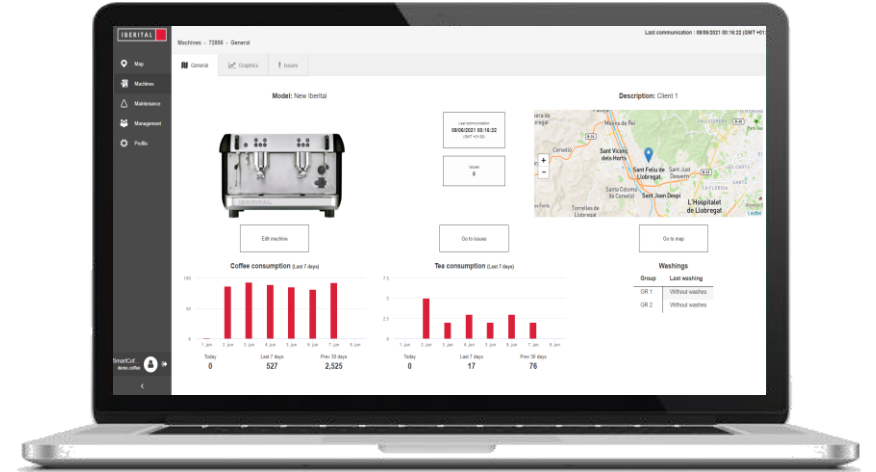


Control and location of assets



Preventive maintenance

ARQUITECTURE



Custom Software Development

2



PCB Development

1

Water Supply Management

Remote operation of water supplies



CLIENTE

fhimasa

RESULTADOS



Automation and remote actuation



Economic savings

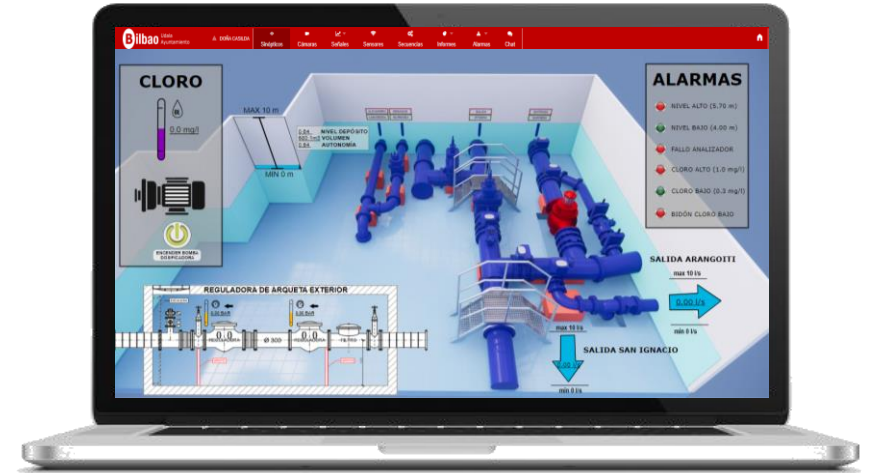


Efficient resource management



Sensorization of water parameters

ARQUITECTURA



Custom Software Development

2



Gateway I2oT



1

Industry 4.0

We digitally access into a production plant



CUSTOMER



INTER-SUPPLIER OF



RESULTS



Production costs reduction



Improved decision making



Customizable software



OEE in real-time

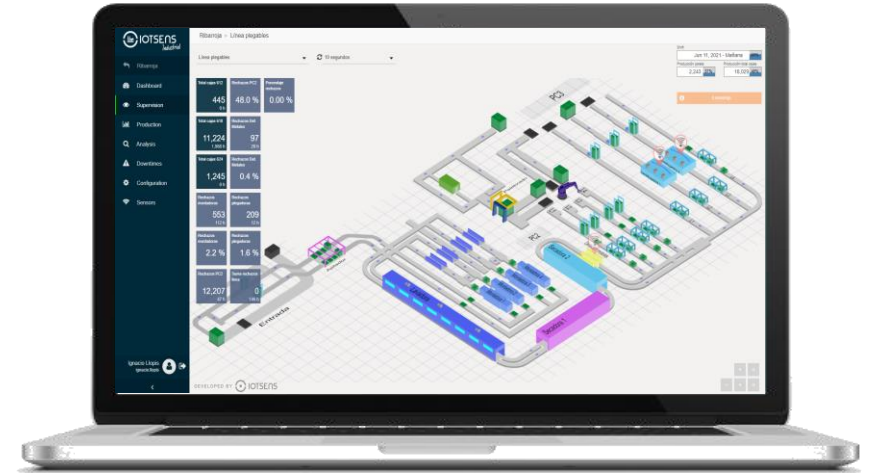


Process improvement



Customer service improvement

ARQUITECTURE



Software Development - Digital Twin

2



Gateway I2oT

1

Juicer Machines

The future of juice and connected juicers



CUSTOMER



RESULTS



Consumption information



Optimization in replacement logistics



Control and location of assets

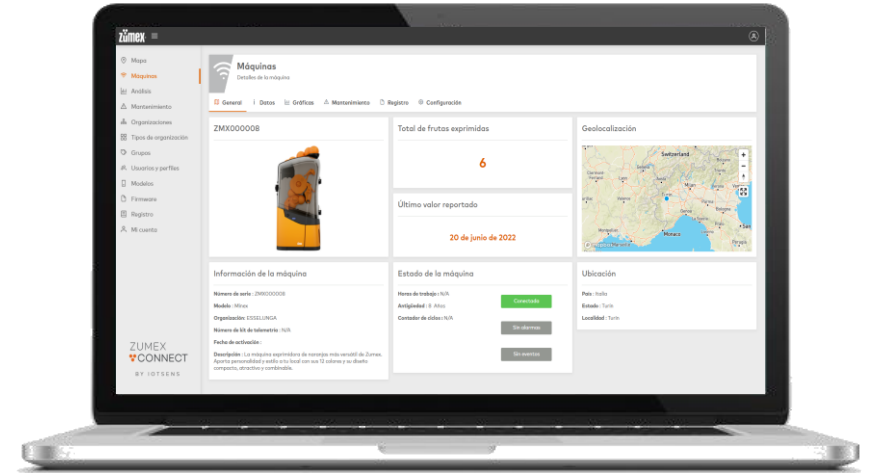


Preventive maintenance



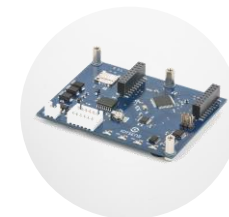
Service customization for clients according to their use

ARQUITECTURE



Custom Software Development

2



Firmware Development

1

iotsens.com

