





## PITCHING SESSION











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Cindy Umaña-Lopez, project manager



## **ABOUT US**

WIT is a French industrial company, which for more than 35 years has been developing technological solutions for:

# Control, Secure and remotely Operate all kind of equipments and facilities.

Our expertise allows us to cover the entire technological cycle as follows:



DATA COLLECTION TRANSMISSION STORAGE PROCESSING RESTITUTION INTERPRETATION



## **ABOUT US**



## **OUR MISSION**

As an **independent manufacturer**, guaranteeing the quality of its products, our main asset is the complete technological and industrial **mastery of all our product lines**.

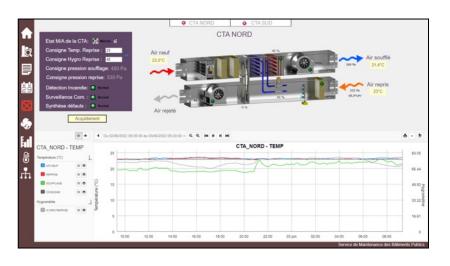
As an experienced technology assembler, we provide our customers with a **global solution** that allows us to become a true **partner in their energy transition**.

**Present throughout France**, we are also **active internationally**, in Italy, Switzerland, Spain, North Africa and Canada, through our subsidiaries and our network of partners.



## **OUR EXPERTISE**





## Industrial know-how

Electronic card design - Large-scale production

Manufacturing of more than 30 000 electronic cards per year

Technological and industrial control of all our product lines

Multi-generational compatibility

Lifetime warranty on certain product lines

## Technological know-how

Expertise in Embedded/Radio/Web/Digital Platform Open protocols - Multi-compatibility 15% of turnover in R&D Anticipation: monitoring and research unit

## **Business know-how**

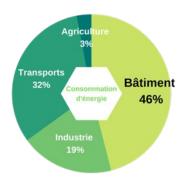
Expertise in AI, automation, regulation, access control, HVAC, load shedding, etc.

150,000 successful projects carried out



## **ENERGY MANAGEMENT CHALLENGES**

## **Environmental**



The building sector accounts for 46% of the energy consumed in France and emits more than 30% of greenhouse gases

Climate plan: achieve carbon neutrality by 2050 and reduce the carbon footprint of French consumption.

## Legal

« DISPOSITIF
ECO ENERGIE
TERTIAIRE
DECRET
TERTIAIRE »



Transmission of consumption data and reduction of energy consumption

W DECRET W BACS W
BUILDING
AUTOMATION &
CONTROL
SYSTEMS W





Energy monitoring and automatic control of technical building systems.

## **Financial**



The CEE mechanism was introduced in 2006 by the government, which commits energy suppliers to finance energy efficiency projects for individuals and companies.



## **OUR SOLUTIONS' APPROACH**

## DATA ACQUISITION

to benefit from a global vision of your technical installations

## **A**NALYSIS

to make the best decisions

### ACTION

To drive performance and reduce costs

### ANTICIPATION

to generate more productivity, responsiveness, savings and avoid technical dysfunction

#### **MULTI-ENERGY METERING**







SENSORS AND MEASUREMEN





#### **DECISION SUPPORT**



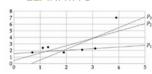
#### CONTROL



#### **PLANNING**



#### **LEARNING**



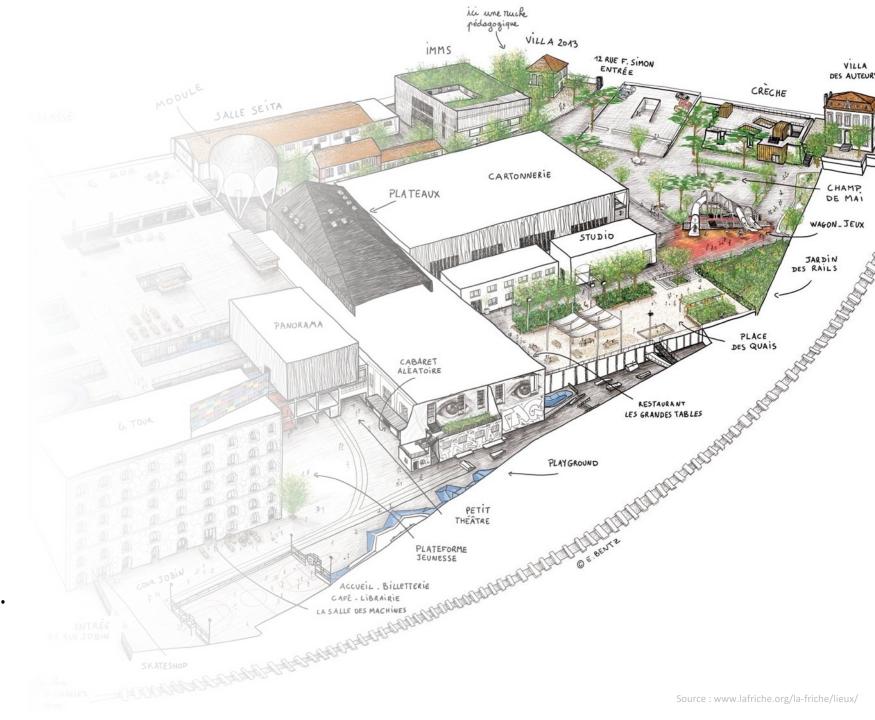
#### WEATHER FORECAST







A resilient solution architecture, incorporating the latest technologies to facilitate operation, optimise performance, ensure occupant comfort and reduce operating costs.





### MANAGE OPERATING EXPENSES TO LIMIT COSTS

### Measure to identify savings

- Measurement and analysis of room and common area temperatures
- Consumption metering by building, by type of energy (water, gas, electricity, fuel, etc.) and by use

### Optimise the operation of your facilities

- Control of Sanitary Hot Water
- Heating regulation thanks to the optimised heating curve
- Boiler cascade management
- Optimisation of your energy mix
- Lighting programming
- Optimised management of your fleet, for easier implementation

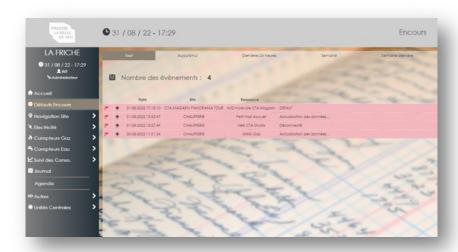
### **ENSURE CONTINUITY OF SERVICE**

### Monitor dysfunctions in real time

- Instant transmission of alerts and anomalies by SMS, e-mail, etc.
- Visualisation of the operating status of each equipment in real time,

#### Avoid breakdowns

- Limitation of untimely start-ups that are detrimental to their lifespan,
- Consultation of the event history.
- Monitoring of operating time,
- Automatic switching of equipment according to the manufacturer's running time or the occurrence of a fault,
- Sending reminders for maintenance work according to a maintenance schedule,





### **ENSURE OCCUPANT COMFORT**

#### Monitor the comfort level continuously

 Real-time measurement and control of comfort data: temperature, light levels, humidity, CO2/VOC levels, etc.

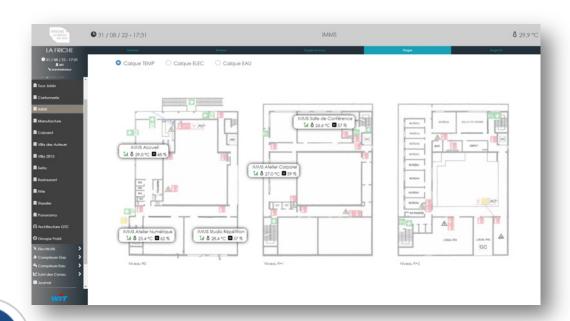
#### Take action in real time

- Alerts in case of non-compliance with temperature commitments.
- Corresponding indicators: number and duration of events.
- Remote control of heating equipment to correct the comfort level

#### Anticipate for better results

 Integration of weather forecasts to anticipate comfort management



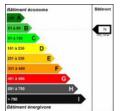




## INVOLVE OCCUPANTS TO ENCOURAGE THEIR EFFORTS

## Informing visitors with meaningful indicators.

- Setting the results into perspective: Equivalence in kilometers travelled, hours of lighting, etc.
- Specific indicators: Consumption per person, consumption trends, etc.
- External information: weather forecasts, EcoWatt alerts, examples of eco-actions, etc.
- Environmental indicators: Energy label, CO2 and greenhouse gases



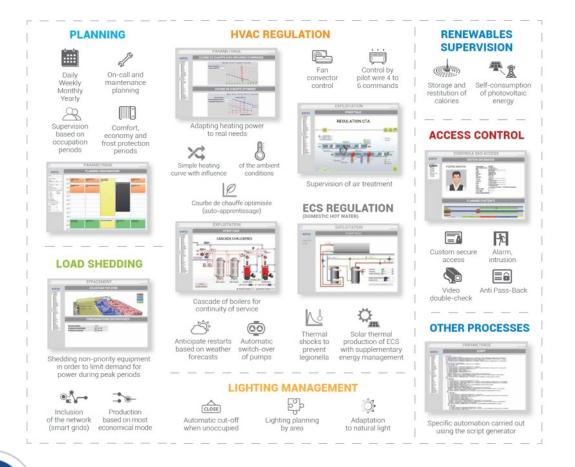






## MANAGING ALL THE TECHNICAL ASPECTS OF THE BUILDING

In order to improve the technical and energy performance of a building, action is needed on all technical aspects, which have to interact with one another. Energy management, supervision, control, regulation and automation features will reduce consumption and operating costs.



#### PREVENT HEALTH RISKS

## Monitor hot water temperatures to avoid legionella

- Continuous measurement of domestic hot water supply and return temperatures.
- Alert in case of hot water temperature below 50°C.
- Automatic triggering of periodic thermal shocks and on alert (70°C).

#### Control room air quality

- Continuous CO2 measurement
- Humidity monitoring
- VOC monitoring





# Thank you for your attention!

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Our team is always to your disposal to give you further information.



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