BL RESEARCH
www.research-bl.com

BL.PREDICT
ACCOMPANYING YOU TOWARDS A SUSTAINABLE MANAGEMENT OF YOUR EQUIPMENT & INFRASTRUCTURES

BL.PREDICT, an interoperable platform combining AI and IOT, guarantees the best operating conditions to ensure optimal quality and performance of your equipment (buildings, networks, etc.)

A solution available "As A Service" (by subscription).

Context

The proliferation of **smart objects** accompanies the implementation of **city resilience strategies**. This also contributes to an increase in **volume of data** and makes their **utilization difficult**.

Complex socioeconomic issues requires a plurality of services **that depends on "sensitive" equipment**, whose malfunctioning costs money and efficiency.

Edge computing techniques process data locally from "sensors" without human interaction. Internet usage is limited to the processed results, which reducing network/operator subscription and energy consumption.

Contrôlez la ventilation

Mesurez l'humidité

Contrôlez le taux d'occupation

Suivez la température

Détectez les entrées/sorties

Vérifiez l'état des équipements

Surveillez les consommations
Détectez une fuite

BL.PREDICT, for:

IMPROVING OPERATIONS

- ✓ **Reduce costs by 25%**
- ✓ **Reduce energy expenditure by 15%**
- ✓ **Organize & qualify interventions**

OPTIMIZING YOUR EQUIPMENT

- ✓ **Increase life expectancy by +10%**
- ✓ **Increase productivity by +20%**
- ✓ **Optimize performance by +15%**
- ✓ **Model their behavior**

Sciences & Technologies

COLLABORATIVE INTELLIGENCE - INTEROPERABILITY

Thanks to **federated learning** techniques, BL.PREDICT stores, analyzes and transforms data **locally**, collected by sensors (Lora network, field network, ...), returns results on dashboards and integrates into your processes through qualified alarms, event monitoring, recommendations...

EFFECTIVE TIMELY RESPONSE

Monitoring of machine usage cycles, irregular production volumes or failure history increases **relevance** and **reliability** of data. This information, which was previously unavailable or expensive to obtain, enables targeted **predictive** interventions adapted to the context.

PERFORMANCE AND OFFER CUSTOMIZATION

3 versions of BL.PREDICT address the entire value chain of sensors, networks, data, information, visualization, and decision-making.

- *Smart* : Monitoring and control of multiple data
- *Facility* : Prediction via AI models to detect specific anomalies and maintenance alerts
- *Efficiency* : Analysis of equipment behavior for optimized predictive maintenance

Join us!

Our platform will always be enriched by matching your current and future industrial needs.
Adopt BL.Predict and participate in its ecosystem to constantly increase its collective efficiency!

BL Research
INNOVATION BY ALL AND FOR ALL

Facilitate research and innovation to **build collaborations and face today and tomorrow's challenges.**

Berger Levrault BL

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youssef.miloudi@berger-levrault.com