BL.PREDICT

ACCOMPANYING YOU TOWARDS A SUSTAINABLE MANAGEMENT OF YOUR EQUIPMENT & INFRASTRUCTURES

Berger Levrault BL

BL RESEARCH

BL.Predict AIGO is an IoT platform for data processing applied to ventilation systems. It manages the entire IoT chain to optimize energy consumption and predictive maintenance of your equipment.

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

Context

Predictive maintenance of ventilation systems is a source of energy savings, clean air, occupant comfort, and reduces intervention costs.

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.
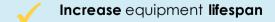
Increase in cyber-attacks has prompted **specific attention to security and inviolability of data transmissions.**

BL.Predict AIGO, for:

✓ **Reduce intervention costs** & energy bills

✓ **Increase** equipment **lifespan**

✓ **Organize and qualify** maintenance operations

✓ **Control the management** of equipment and services

Sciences & Technologies

COLLABORATIVE INTELLIGENCE - INTEROPERABILITY

Thanks to **federated learning** techniques, BL.Predict AIGO 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.

EXAMPLE OF USECASE

Combination of BL.PREDICT AIGO platform with Adeunis' Smart Delta P sensors, to supervise and anticipate maintenance of ventilation systems*:

- **70%** energy savings
- **50%** less breakdowns
- **30%** longer service life

*Associated services: Radio mapping, Connectivity, Deployment, Technical support, Device management

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.**

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