



DIAGRAMS
TECHNOLOGIES

Optimize your industrial performances

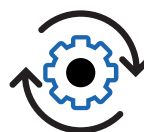
with predictive maintenance



Double expertise
INDUSTRY & AI



Data visualization &
ANALYSIS



Flexible &
SCALABLE



Dedicated to the
FIELD

Global predictive maintenance solution

A turnkey tool for field teams



- ✓ Global monitoring
- ✓ Targeted alerts
- ✓ Easy to use and intuitive

Monitor the health condition of all your equipments

Detect, diagnose, predict, understand



Detect

anomalies and drifts
of operation of your
machines



Diagnose

maintenance, quality,
energy consumption
dysfunctions and root
cause analysis (RCA)



Anticipate

failures and extend
the intervals of
preventive maintenance

After several years of R&D, our proprietary algorithms are specially designed to analyze your industrial data. It allows to monitor in real time the operating status of all equipment and tackle the challenges of industrial AI.

Capture your data Structure, visualize, explore

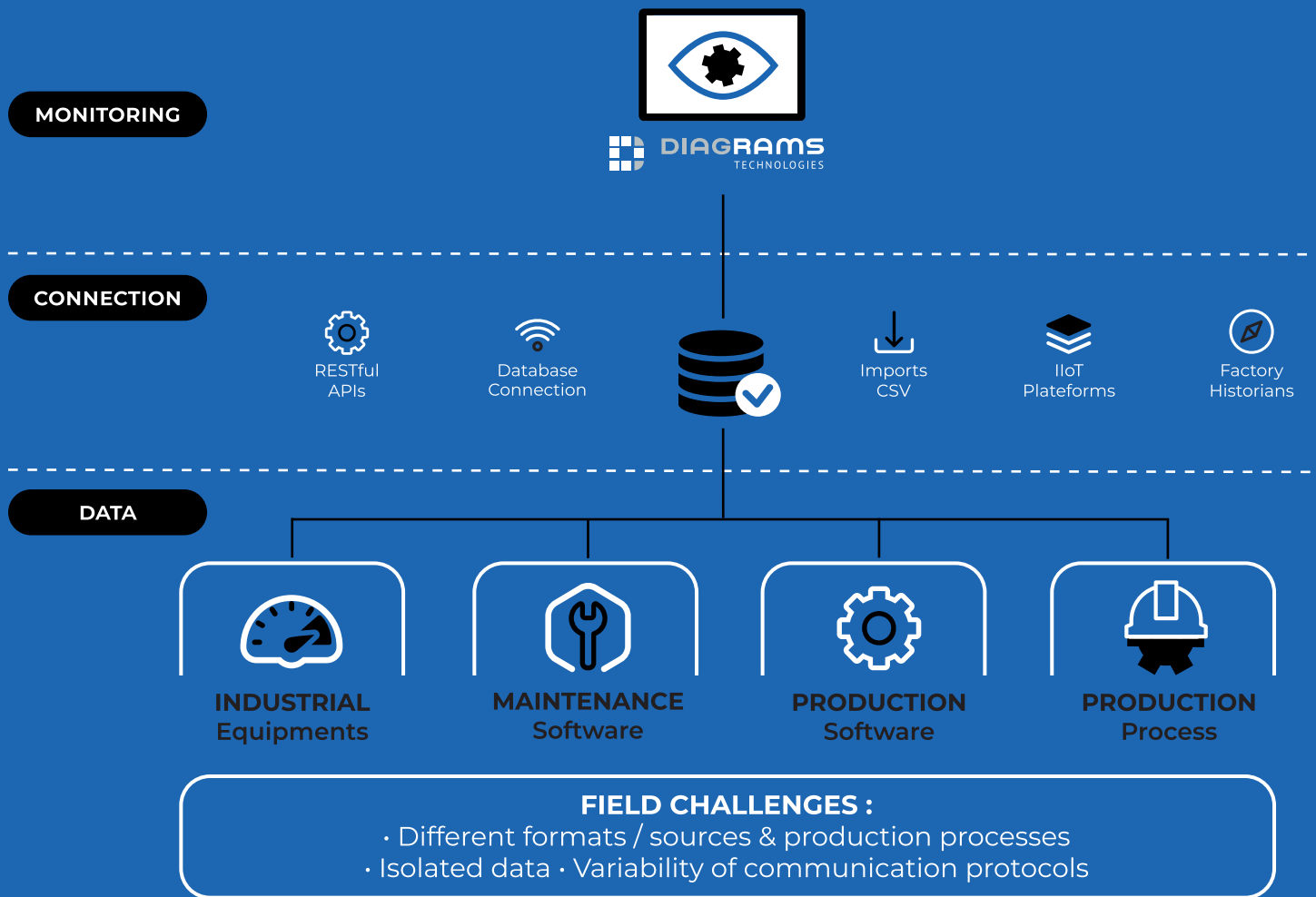


Leveraging existing data

Start your predictive maintenance project by reducing set-up costs

Adopt a global & scalable solution

Add or remove sensors depending on relevance



Key benefits For industrials



- Increase equipments **availability**
- Optimize processes **performance**
- Reduce **maintenance costs**
- Facilitate field **interventions**
- Improve products **quality**
- Control **environmental impact**

Project Timeline



1

How to start predictive maintenance project

- Definition of use case and objectives
- Inventory for available data or potentially available
- Dataset pre-study for validation of the quality and the quantity of existing data

2

Setting

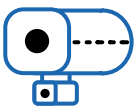
- Predictive models and tests
- Definition of alert thresholds and notification rules

3

Real time monitoring of equipments

- Data visualization and exploration
- Early detection of anomalies
- Diagnosis of failure & dysfunctions
- Prediction of remaining useful life

Some application Examples



PNEUMATIC / ELECTRIC ACTUATORS



HEAT EXCHANGERS



ROTATING MACHINES



ELECTRONIC SYSTEMS



ABOUT DIAGRAMS TECHNOLOGIES

DiagRAMS Technologies provides a predictive maintenance software based on its deep industry expertise and cutting edge proprietary Artificial Intelligence technology perfectly fitted to industrial field challenges.

After several years of R&D at Inria, French Institute of Research in Computer Sciences & AI, DiagRAMS offers to maintenance teams a flexible, scalable and innovative data driven solution for global monitoring.

CONTACT US



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