i-SENSE

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ABOUT I-SENSE®

I-Sense ®

Is a highly scalable, cloud-based IoT platform that allows devices to connect and exchange information in real-time securely.

Analyze machine data on the spot without the need to program, all within a secure environment. Its powerful and user-friendly interface allows companies to easily control their assets and set alerts and notifications to stay aware of when faults occur.

Interactively analyze your machine data at scale.

Leverage the power of machine learning to build data models on your machine data and predict outcomes.

We carefully chose state-of-the-art technologies to create the most advanced and high-performing IoT platform while respecting industrial quality and security protocols.

WHY CHOOSE I-SENSE®

I-Sense can monitor various data, such as temperature, pressure, or vibration, on any industrial equipment from the simplest to the most complex.
Simply Connect your devices to I-sense using a straightforward UI.
Analyze and visualize data via dashboards and generated reports.
Process your data using our powerful built-in toolbox and spectrum analysis tools, and predict which one of your machines is on the brink of failure.
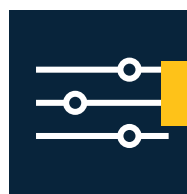
SCALABLE
Handles millions of end point devices

END-TO-END
From edge to application

SECURE
Ensures data privacy and prevents threats

FLEXIBLE
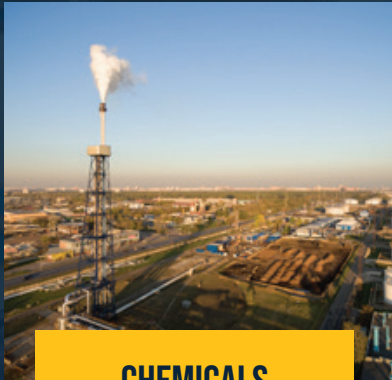Scalable pricing model

SIMPLICTY
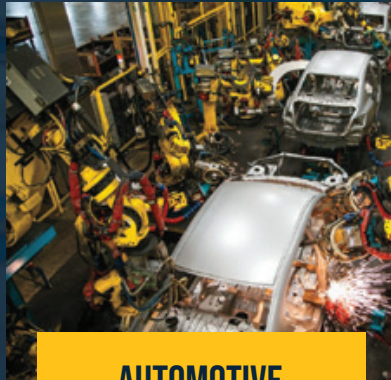Ensures data privacy and prevents threats

BIG DATA
Handles very large volumes of data

SMARTPHONE COMPATIBILITY

Get More Features and Capabilities
by Connecting to the I-SENSE® Platform via Any Device

Need to quickly check on the status of your assets but don't
have access to a laptop?

No worries, the I-SENSE mobile app provides you with 24/7
access and convenience and access to all the functionalities
offered by the desktop version.

Convenience, Real-Time Access, and ease of use are some
features of I-SENSE Mobile.

Interoperability With Multiple Solutions

I-Sense was built with interoperability in mind, if you are already
using a CMMS or any other platform to collect or analyze your data,
you can now leverage your existing infrastructure and use I-sense
to complement it.
A simple API is all we need to connect I-sense and use the existing
data in the analysis and preventive maintenance process.

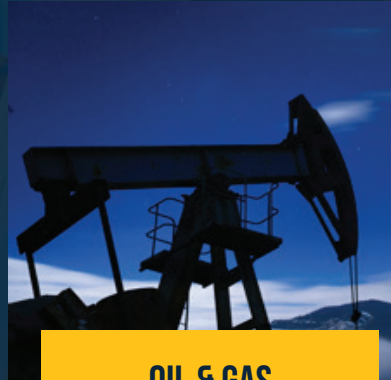# AVAILABLE FOR MULTIPLE INDUSTRIES AND MULTIPLE EQUIPMENT

Nearly all industries in the world use rotating machinery.
Our solutions are trusted by numerous manufacturing businesses around the globe to maintain their rotating machinery in proactive and condition-based maintenance.
From agri-food, mining, oil & gas to construction, logistics, and manufacturing, all industries can and should leverage the power of I-Sense to accelerate production on job sites, preserve resources in the field, optimize inventory management, or offer new services to their customers.
We have effectively implemented our solutions in more than nine sectors, and we work continuously to cover new business sectors.
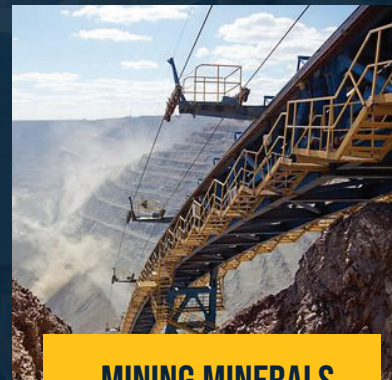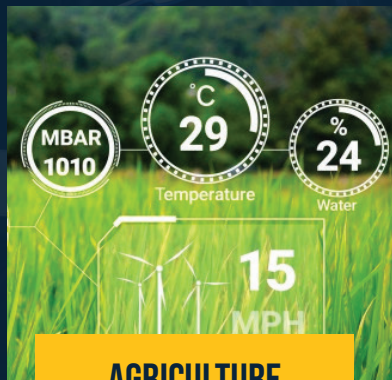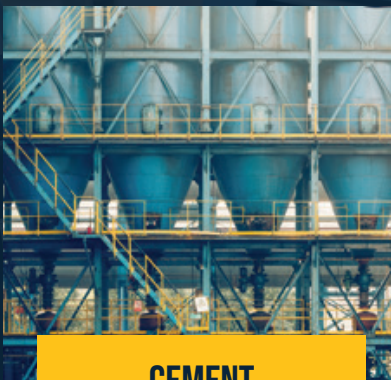
CHEMICALS

AUTOMOTIVE

OIL & GAS

MINING,MINERALS

AGRICULTURE

CEMENT

MANUFACTURING

ENERGY

PREDICTIVE MAINTENANCE

USING VIBRATION ANALYSIS

We apply Machine Learning and modern optimization to preventive maintenance. More precisely, we offer three main features:

Descriptive Part:
construct a Failure Modes, Effects, and Criticality Analysis (FMECA) tree in a data-driven fashion. Moreover, we help simulate accurate data to build rich datasets that need huge investments to collect.
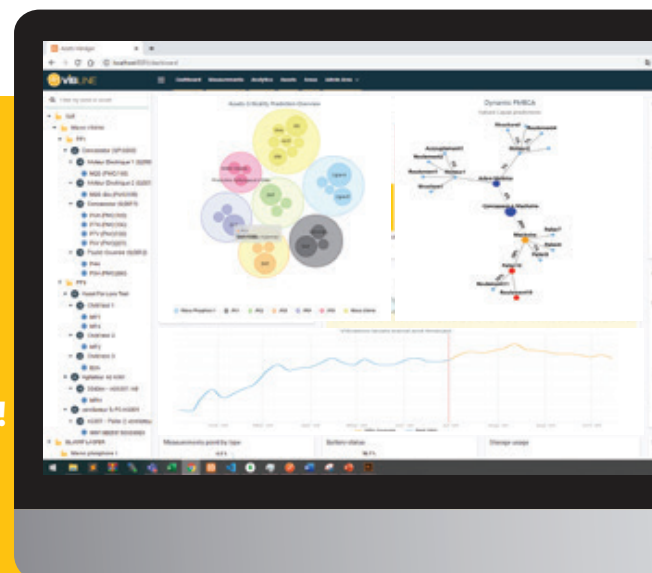
Predictive Part:
time series analysis of the state of the machines, we predict the class of failure of equipment, their causes, and evolutions, and expect the Remaining Useful Life (RUL)

Prescriptive Part:
a recommendation system that suggests actions to take to correct the trajectory of the minimize the average downtime of the system
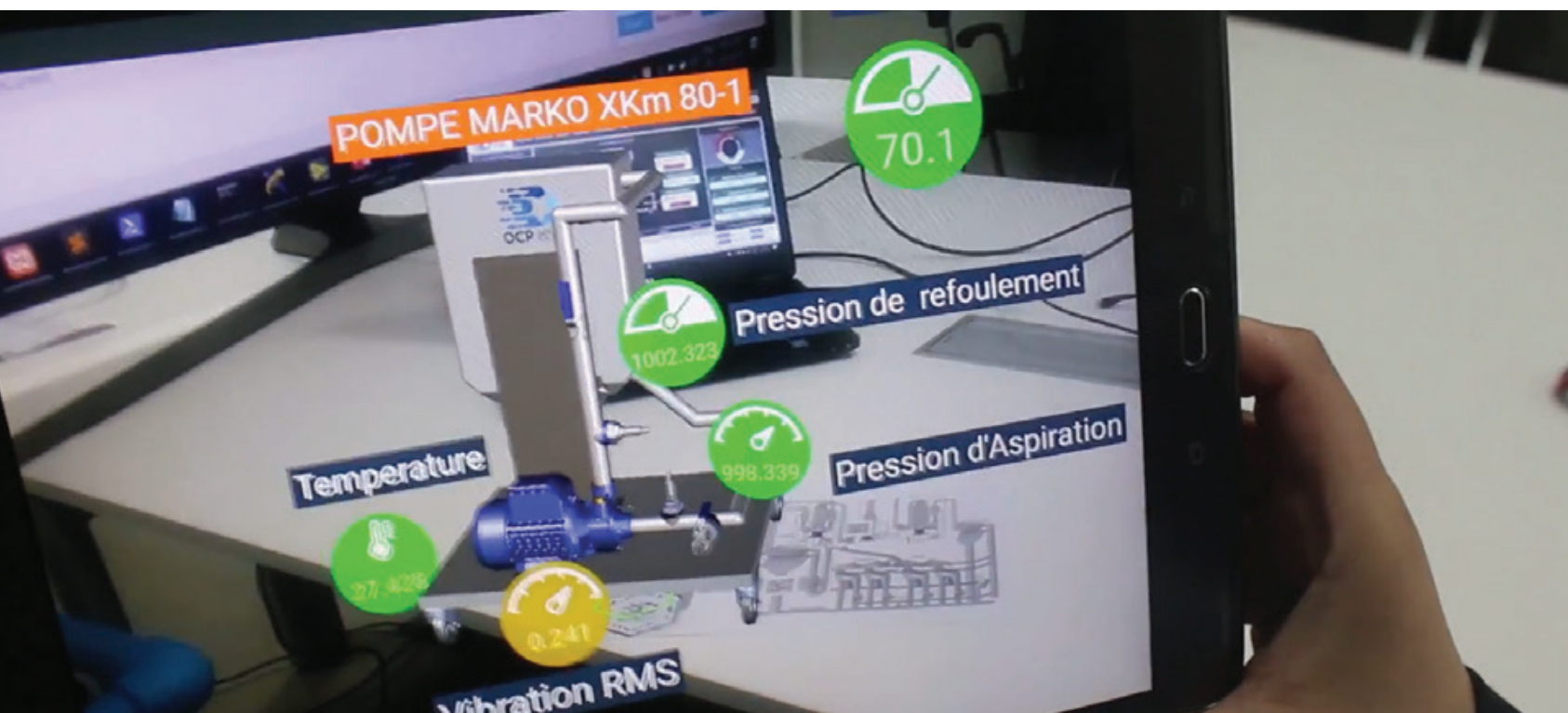
A Dedicated dashboard to display interpretative/user-friendly predictions, forecasts, and recommendations!

EXPERIENCE
AUGMENTED REALITY

In the Augmented Reality module, the user can use his smart glasses or mobile device to visualize sensor data in field in the position where they are installed.
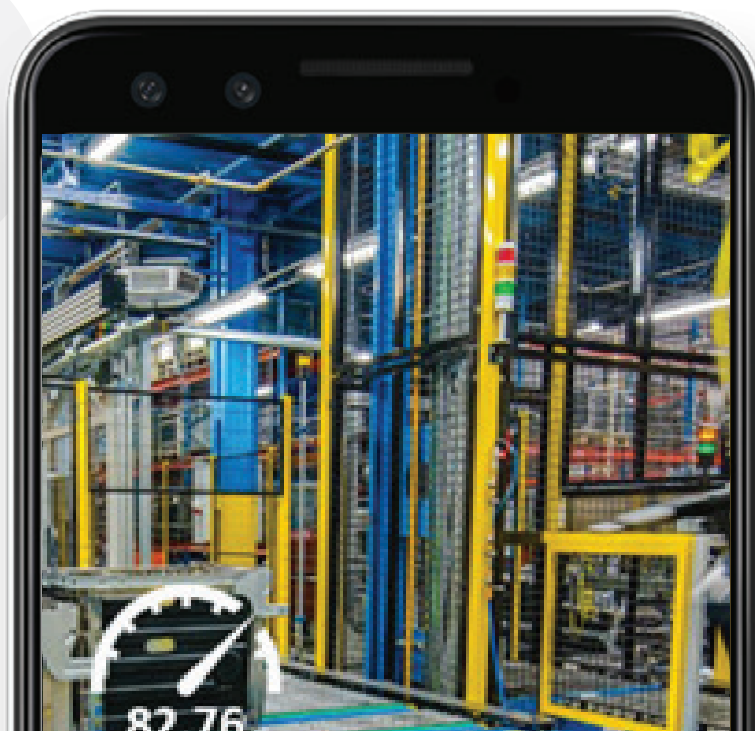

Two types of applications possible:

In-site visualization:
Display sensor data
in the augmented reality world. Provide
step-by-step animations of maintenance
operations simulation

Indoor:
Visualize a digital copy of the asset
and navigate to details
(to equipment and measure points)

Get In Touch

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