

MOKA OFFER

OUR EXPERTISES



KEY FIGURES

€ **25%** optimisation

15 projects

40 collaborators

OUR TECHNOLOGIES

SENSORS	Temperature, pressure, luminosity, vibration, Three-Axis acceleration, gyroscope, humidity
COMMUNICATION	GSM (4G, 3G), WI-FI, Bluetooth, USB, LORAWAN, Sygfox
MAINTENANCE ENGINEERING	Integrated Logistics Support, In Service Support, ASD Support Data
DATA SCIENCE	Data analytics, Data Mining, Machine Learning, Big Data

OUR OFFER

MOKA is a complete and open end-to-end HUMS chain, ranging from Plug&Play sensors to the Business Intelligence operating environment in order to optimize the operation and maintenance of all your systems and hardware assets (vehicles, industrial machinery, capital goods, infrastructures...).

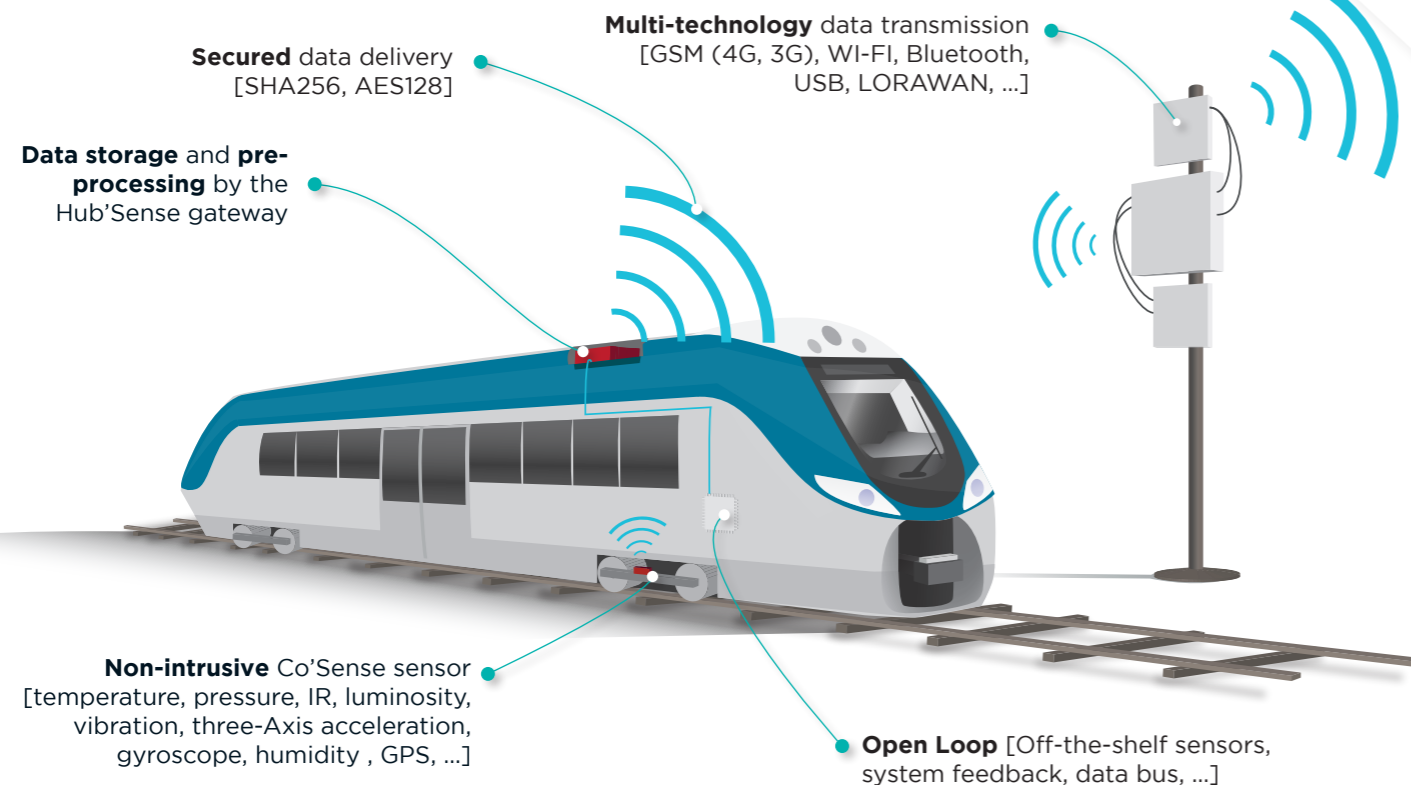
You will now be able to:

- Instrument your systems with intelligent IoTs
- Visualise in real time the operation of your fleet of systems
- Correlate data to anticipate maintenance interventions
- Perform operational planning of your missions through optimizing availability of your system

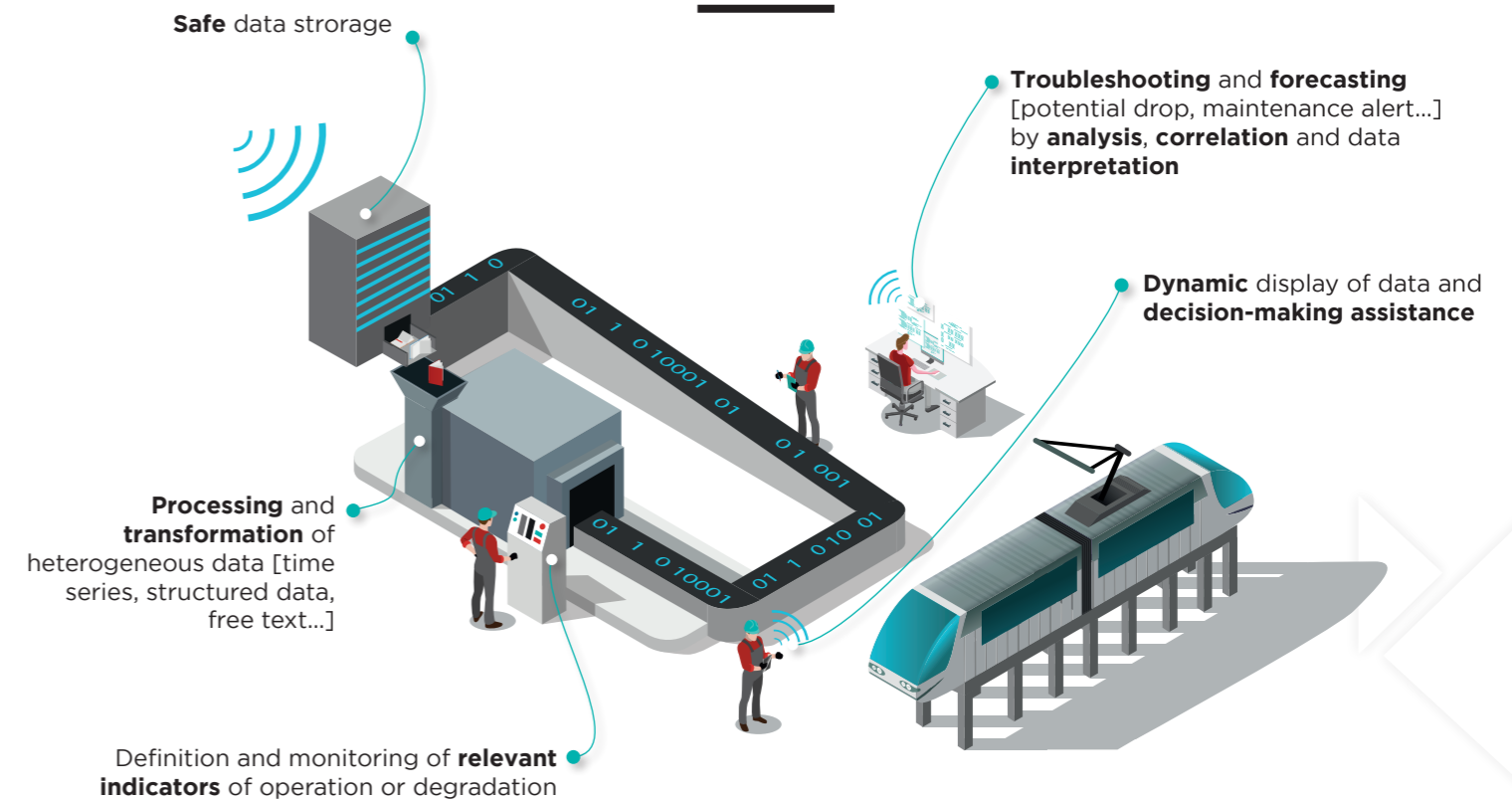
CONTACT

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DATA ACQUISITION



DATA ANALYSIS AND EXPLOITATION

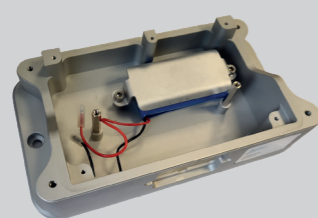
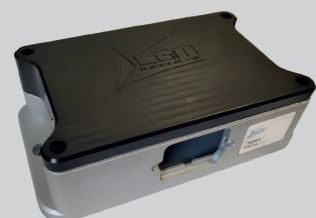


HARDWARE

The MOKA Hardware offer fits to your needs and constraints for the collection of field data through a solution of IoT sensors and a gateway entirely designed by LGM Group.

Co'Sense sensors are part of a standalone Plug&Play sensor family that allows multi-measuring.

Hub'Sense is a gateway that gathers and pre-processes sensor data (Co'Sense or Off-the-shelf sensors) before being transferred to the database.



OUR OFFER

Design assistance for your IoT architecture

Organization of a **Proof of Concept**

Provision of an **IoT test bench**

Adaptation of the technical solution according to the system specifications

Industrial deployment of an IoT solution

DATA ANALYTICS

The MOKA Data Analytics offer provides a global support for the analysis of your data: definition of achievable goals, implementation and deployment of embedded and remote algorithms.

Our Big Data expertise allows the integration of all your data. Diagnosis patterns are established in conjunction with your engineering models or through Data Mining.

OUR OFFER

Optimize your operating performances thanks to **our algorithmic** Data Mining solution

Add value to your data using **Big Data** et **Deep Learning** analysis

Provide a **Data Lab** with **algorithmic prototyping platform** and **computing ressources**

OUR OFFER

Transmission and **safe** storage of your data

Interface **customization**

Interconnectable solution with existing LGM and external tools

APPLICATION

The MOKA application offers support in the realization of your key indicators in order to read into the raw and processed data stored in the database.

The suggested interfaces will be able to :

- Help with the decision making for operating your systems, the maintenance planning and control of operational availability,
- Dynamically visualise the state of your equipment,
- Set up the sensors and associated algorithms.