

# FITECH

industrial solutions

## Industrial Analytics Platform

Valuable data and real-time reporting for adequate production management

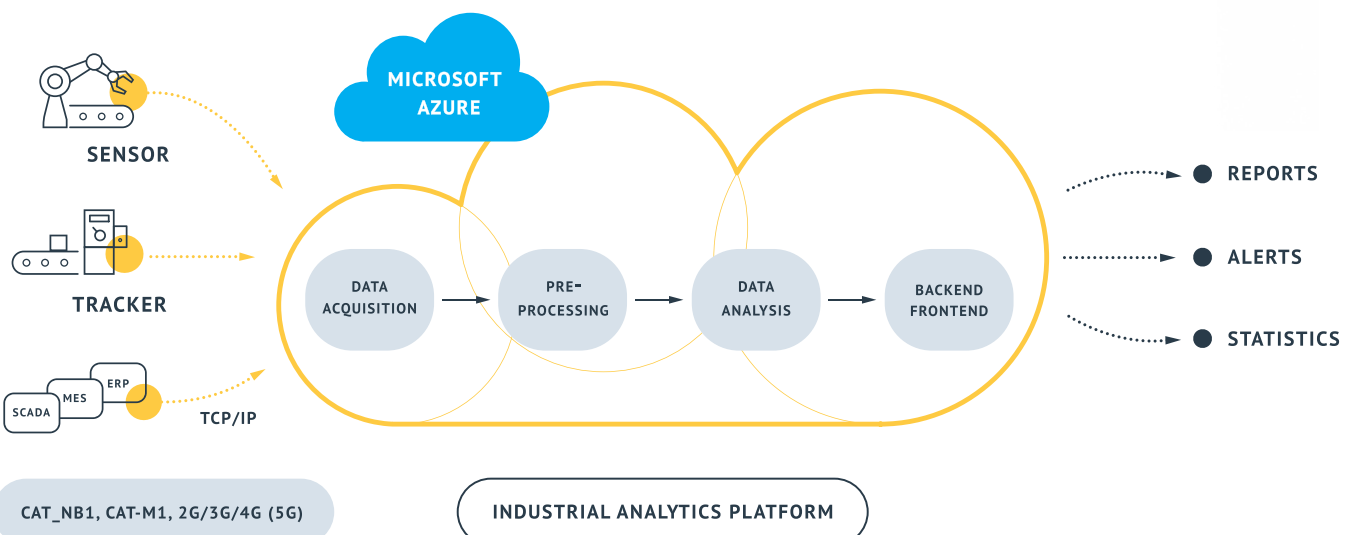
### MARKET CHALLENGE

The amount of data generated daily by the machines on the production floor is enormous. To make the immediate and accurate decisions, manufacturers need analytics that only utilize data that matters in a context of specific KPIs.

When reliable analytics platform comes in place, valuable data can be easily filtered out from the information noise and transformed into the meaningful reports and statistics.

### OUR SOLUTION

Our Industrial Analytics Platform is a part of FI-Sense Solution, a broader IoT solution also combining IoT devices and connectivity enablers. Such ecosystem lets our solution help to reshape manufacturing processes and infrastructure maintenance in order to ensure stability and continuity as well as improve efficiency and reduce operational costs.



## MAIN FUNCTIONALITIES

### Industrial Analytics Platform

#### Production monitoring

- Analysis of micro-downtime on the production line
- Failure detection based on the analysis of process parameters
- Usage-based Preventative Maintenance powered by the advanced analytics engine

#### Environment monitoring

- Monitoring of environment parameters to guarantee appropriate conditions such as:
  - humidity
  - light intensity
  - temperature
- Quality control of power media parameters

#### Machine monitoring

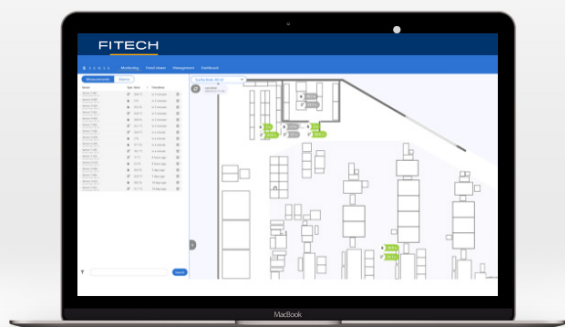
- Monitoring of distributed machines in terms of:
  - location
  - warnings
  - work time
- Indoor (factories) and outdoor (logistics) applications possible

## BENEFITS

Adequate data analysis and accurate reports allow to make data-driven decision in real time to:

- Reduce bottlenecks in manufacturing process
- Make process improvements for better productivity
- Mitigate risk and reduce downtime
- Optimize infrastructure and equipment usage
- Reduce production and operational costs
- Increase workplace safety and work efficiency

### distributed assets monitoring



### environment parameters monitoring

