ORÒBIX //O3

Detectiv.ai

Real-time AI solution for anomaly detection.

Using artificial intelligence for real-time detection of anomalies (outliers) in time series from sensors placed in the field and other structured data.

DETECT ANOMALIES

Identify anomalies overlooked by traditional threshold system, through machine learning techniques, considering the interaction between all input variables.

GENERATE BUSINESS VALUE RIGHT AWAY

Effortlessly switch to best model for the ongoing production, automatically creating a new one on specific data if needed, **reducing** the time spent collecting data and minimizing the system configuration.

CUSTOMIZE DASHBOARDS AND ALERTS

Display the outliers through customized monitoring dashboards and configurable alerts, in order to have full observability on their evolution over time and the gravity of potential process drift. With an API for easy integration with existing systems.

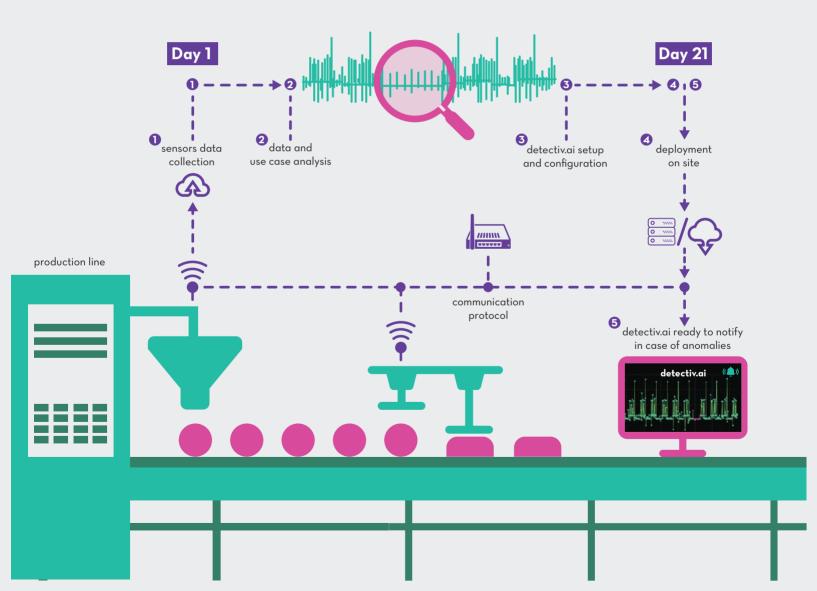
IMPROVE PERFORMANCE OVER TIME

Support for continuous training, to keep improving performances as more data becomes available.





Anomaly detection Predictive maintenance



ORÒBIX **//O5**







Increased OEE from 5% to 15% (availability, performance, quality)





Reduced Unplanned Downtime from 15% to 30% Improved forecasting of planned shut-downs
Reduce time for maintenance (by helping users to understand what is happening)

Improved Quality from 10% to 35% Increased customer satisfaction with improved ability to make deliveries on-time and to improve quality





Reduced Maintenance Costs from 20% to 30% Enhanced spares planning and inventory optimization

Increased Throughput and OTD from 10% to 20% Reduced buffer WIP due to increased reliability

