



INDUSTRIAL AI

Advanced solutions to
optimize operations with
Artificial Intelligence

With our **PROPRIETARY APPS** we cover all your business needs



VIBRATION DETECTION

Avoid costly failures by anticipating problems in industrial machinery through advanced vibration analysis.



PREDICTIVE MAINTENANCE VIDEO

Identify real-time alterations through detailed video analysis to detect subtle changes.



WASTE MANAGEMENT

Optimize industrial processes, reduce costs, and maximize efficiency by identifying and eliminating waste subsets.



PREDICTIVE MAINTENANCE DATA

Prevent unplanned downtime by anticipating equipment failures through detailed analysis of sensor data.



DEFECT DETECTION

Improve product quality by using Artificial Intelligence to quickly and accurately identify and classify defects in production.



DEEP LEARNING

Optimize industrial processes using intelligent algorithms to analyze data, improve decision-making, and increase operational efficiency.



OPTIMIZATION

Maximize efficiency and reduce costs by applying optimization algorithms to tasks such as resource allocation, production scheduling, and inventory management.



DEEP SYNC

Enhance advanced pattern recognition, image processing, and smarter decision-making in industrial environments through the use of deep neural networks.

What our Industrial AI offers



GREATER ACCURACY AND RELIABILITY

We enable the early detection of faults and anomalies at every stage of the process. We have the tools to proactively take preventive and corrective measures.



CONTINUOUS MONITORING

We ensure continuous supervision of systems, allowing real-time monitoring of changes and relevant events.



REDUCTION OF ERRORS AND WASTE

Our algorithms optimize processes, minimizing failures and contributing to the overall efficiency of your operation.



OPTIMIZATION

Applying Artificial Intelligence tools for parameter optimization and estimation in the industry provides operational efficiency and more precise decision-making, driving productivity and reducing costs.



BINARIAL belongs to the NVIDIA Inception Program

We use our own servers to host the latest generation of NVIDIA GPU computing graphics cards, including models L40S and H100.

