



Actionable Insights Data Platform

Oxipital AI's Actionable Insights Data Platform is designed for manufacturers of organic, variable products. It performs aggregation, analysis, and presentation of critical process data that can be used to unlock an entirely new level of process efficiency and overall productivity. Through this newly acquired understanding of what is driving critical KPIs (e.g. throughput, yield, product quality, waste), manufacturers can focus time and effort on the most impactful process improvements. This platform will enable step-change improvements in process effectiveness and efficiency, resulting in a more profitable operation than that of the competition.

Key Features



Defect Detection and Root-Cause Identification

Identifying defects in highly variable items within chaotic processes is extremely valuable, but determining actions to prevent their occurrence is essential for driving KPI improvement. Oxipital AI's vision platform makes this possible and the Actionable Insights dashboards present customers with the data necessary to detect, identify, and determine root-cause of product defects enabling prevention and improvement of operational KPIs.



Deep Product Understanding

Oxipital AI's pre-trained object models deliver deep understanding of every item produced, "out of the box" and without the need for imagery or human labeling. Combined with the company's intuitive, rules-based inspection editor, customers can harness the insights of AI-enabled vision while retaining control of how those insights turn into action. This simply isn't achievable with traditional machine vision solutions.



Process KPI Analysis

Clearly presented yield, throughput, and defect breakdowns for any chosen time frame allow customers to identify and examine both acute and chronic productivity and yield losses. This will help improve production forecasting, identify areas for additional labor application or training, or identify potential opportunities for automation within the operation.



Live Monitoring

The Actionable Insights dashboards update in real time to show the latest data, trends, and even images from every item inspected. Customers can monitor this output to keep tabs on production and quickly identify and remediate potential issues.

