



piaOptimum

APP TO INCREASE THE EFFICIENCY OF PLANTS

The PIA Industrial App Suite is a modular software package and contains applications to meet the challenges of plant operation and line optimization. PIA's Tools target different user groups with their features: e.g. They provide information for line workers, evaluations for shift supervisors or reports for management. All apps share the following features: (1) increasing the degree of digitalization of production, (2) future-proofing through modular, expandable structure, (3) Reduced travel time due to a location- and device-independent access.

As one of three analysis tools, piaOptimum focuses on the **OEE factor efficiency**. Opportunities to increase the performance of stations and plants are analyzed in order to implement concrete optimization concrete optimization measures.

piaOptimum

TARGET GROUP

Production managers, optimization team

KEY-FEATURE

Analysis of cycle times and partial cycles

ADVANTAGES

- Increase of efficiency, output and therefore Plant profitability
- Cost reduction due to earlier production start (short ramp-up phase)
- Support for optimization measures during ongoing operation

FEATURES

- Cycle and process time analysis
- Analysis of messages and errors of single stations or the entire plant
- Detection and classification of process anomalies
- Benchmarking of the plant performance

WHAT

KEY FIGURES (KPI, OEE)
CALCULATE

WHERE

IMPROVEMENT
POTENTIAL
LOCALIZE

HOW

OPTIMIZATION POSSIBILITIES
ANALYZE

piaMonitor

piaOEEtracker

piaBottleneck

piaOEEtracker

piaAnalyze

piaOptimum

VISIBILITY BOX

AVAILABILITY

QUALITY

EFFICIENCY

