



TALK TO YOUR PRODUCTION LINE: PIA INDUSTRIAL APP SUITE & LINEGPT



BENEFITS:

- Turn machine and production data into actionable insights with PIA IAS
- Reduce downtime and maximize output through data-driven optimization
- Get instant answers with intuitive conversational AI powered by LineGPT
- Enable multi-system root cause analysis by connecting data across platforms



Digitalization in the automation of manufacturing processes has become indispensable today. It enables greater efficiency, optimal machine utilization over the long term and therefore also increases the profitability of production lines across national borders.





PIA INDUSTRIAL APP SUITE



The digital package of the future from PIA

The PIA Industrial App Suite (piaIAS) is a modular software package and contains smart apps to meet the challenges of assembly line operation and optimization. In developing the apps, the knowledge of custom machine builders - especially the expertise of PIA Automation - and customers from a wide range of industries were combined to create a digital solution portfolio that is perfectly aligned with customer requirements. Assembly and test systems can be analyzed worldwide, their weak points localized and their productivity optimized. It doesn't matter whether it is a single station or a complex interlinked assembly line locally on site or remotely at another location.

PIA's smart tools address different user groups with features providing information for line workers, evaluations for shift managers and the maintenance team, or reports for management. All apps share the following advantages:

- (1) Increasing the degree of digitalization of production, (2) future-proofing thanks to modular and expandable design, and (3) reduction of travel costs through location - and device-independent access.**



ALSO AVAILABLE
AS MOBILE APP

Analysis



piaAnalyze
to improve the
Quality

Target group: Quality manager

Key features: Analysis of measurement and process data

Benefits:

- Increase in the quality of production
- Reduction of costs through rejects prevention or increase of the OK rate
- Prevention of rework and thus increase the plant profitability



piaOptimum
to optimize the
Efficiency | Availability

Target group: Production manager | Optimization team

Key features: Analysis of cycle times, production numbers, alarms, and downtimes

Benefits:

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

piaMobile

Your production at a glance,
anytime and anywhere

Target groups: Production Manager | Maintenance

Key features: Real-time notifications and KPIs on your smartphone

Benefits:

- Quick overview of the status of one or multiple production lines
- Increased flexibility in monitoring and analyzing production, regardless of location
- Reduced risk of downtime thanks to early notifications and rapid response times



Transparency



piaVisibility
to increase the

Digitization | Transparency

Target group: Production Manager | Maintenance | Operator

Key features:

- Dashboard for production data
- Calculation and visualization of the OEE key figure
- Visualization and localization of assembly line bottlenecks

Benefits:

- Reduction of costs due to the ability to react quickly to changes in key figures
- Increasing the information base (transparency) through a global and flexible assembly line insight in real time
- Reduction of costs due to less time and personnel needed to locate bottlenecks



LineGPT

Talk to your production line

Intuitive Analysis | Rapid Diagnostics |
Peak Efficiency

NEW

Target groups: Production Manager | Maintenance

Key features: AI-powered support for streamlined data analysis on production lines

Benefits:

- AI-driven conversations transform complex production data into clear, actionable insights
- Seamlessly integrate multiple systems and data sources for more accurate and holistic analysis
- Eliminate operational barriers by enabling intuitive data access through natural language queries
- Receive intelligent recommendations based on historical data to continuously improve efficiency

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www.piagroup.com

PIA Automation Holding GmbH
Theodor-Jopp-Straße 6
97616 Bad Neustadt a.d. Saale
Germany
T +49 (0) 9771 6352 - 1000
info@piagroup.com

YOUTUBE

