



### VISIBILITY BOX

## PIA AUTOMATION'S DIGITAL BASE PACKAGE

The PIA Industrial App Suite pialAS is a modular software package and contains applications to meet the challenges in system operation and in line optimization. PIA's tool - features address different user groups: They provide information, e.g. for line employees, evaluations for shift supervisors and the maintenance team or reports for management.

The base package of pialAS - the VISIBILITY BOX - consists of three apps that calculate key figures (KPI, OEE) and locates potential performance improvement. These are the basis for the downstream use of PIA's analysis tools for smart cost reduction and increased performance. Collectively all apps include the following: (1) Increasing digitization of the production, (2) future-proofing through modular, expandable structure, (3) reduction of travel by location and device independent access.

### piaMonitor



#### TARGET GROUP

Production manager, operator

#### KEY FEATURE

Customizable dashboards to display key performance indicators, live information, trend curves, etc.

#### ADVANTAGES

Increase information base through a global and real time flexible system insight

### piaOEEtracker



#### TARGET GROUP

Production manager

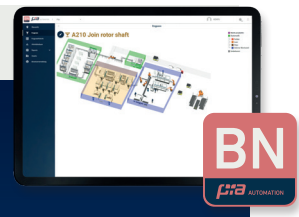
#### KEY FEATURE

Visualization and calculation of the OEE key-figures including their availability, performance and quality factors

#### ADVANTAGES

Cost reduction due to the ability to quickly response to changes in the key figure

### piaBottleneck



#### TARGET GROUP

Production manager

#### KEY FEATURE

Visualization and localization of bottlenecks (detailed depiction of the live status as well as historical conditions)

#### ADVANTAGES

Cost reduction through lower time, money and labor expenses for the localization of bottlenecks

