PIA INDUSTRIAL APP SUITE

piaLineController

Central management and control of assembly systems

Many plant operators are familiar with this scenario: in order to obtain an overview of the components produced or to change parameters, long distances are covered between the individual stations. The piaLineController solves this problem by conveniently displaying all relevant information digitally. The plant operator saves times thanks to the centralized approach and creates additional transparency, which helps optimize production.

The piaLineController is a database-based process control system, which acts as an interface between the field level and the plant or company management level. It offers the operator increased transparency through a wide range of evaluation options and contributes to quality assurance by enabling traceability and preventing unauthorized processing. An intuitive user interface provides the user with a comprehensive overview of the manufactured components, allows them to check measurement results and call up statistics.

TARGET GROUP
Production and quality managers

KEY-FEATURE
Central production line management and traceability

ADVANTAGES
- Cost Reduction: Documentation of process data and batches enables recalls
- Simplification through centralized asset management: Parameters, orders, types and component routings
- Integration of the production line into company-wide systems (e.g. ERP, MES)
- Reduction of distances to be covered due to location- and device- independent access
- Increase of the degree of digitalization of production

FEATURES
- Central management of order-related data, e.g. parameter, order and type management incl. parameter change history
- Central management of process-related data, e.g. workflows and workpiece carrier management
- Traceability of components
- Rework station

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creating efficiency.