



**FabEagle®LC**

## The Scalable Line Controller for Production Control and Traceability

FabEagle®LC is a scalable line controller designed for production control of individual production lines. As a modular production control system, it grows with your needs – from standalone machines to a fully connected production line.

Whether in assembly and test systems in the automotive industry, electronics and semiconductor manufacturing, or pharmaceutical and food production – FabEagle®LC flexibly adapts to different industry requirements with its functional modules for data acquisition, process control and visualization.

# Your benefits

- › Ensuring traceability for product and test data
- › Increase of transparency with line and online visualization
- › Increase in productivity by improving production utilization with maximum availability of equipment
- › Fast integration via standardized interfaces for many PLC and equipment suppliers
- › Short project duration and commissioning thanks to more than 20 years of experience



## Features

### Management and control



#### Line control

Transport control and monitoring of material logistics for efficient operation of all production line modules



#### Work plan management

Configuration of the manufacturing process in work plans plus definition of recipes, bill of material, and relevant parameters



#### Order management

Synchronization of production orders with ERP systems or direct administration in the line controller and assignment of a work plan to each order



#### Recipe management

Central management and provision of process parameters and settings for machine controls



#### Shift plans

Definition of shifts, shift models and target figures for evaluations and calculation of performance indicators



#### User management

Definition of user groups and authorizations

### Visualization and evaluation



#### Line visualization

Line layout for quick access to machine status, alarms, and order progress



#### Reporting

Visualization of stored process, material, and machine data for user-defined evaluations



#### Worker guidance

Support and data acquisition at workplaces with manual steps for rework, testing, and assembly work



#### Alarm statistics

Analysis of machine malfunctions according to frequency and duration to identify optimization potential



#### Online process visualization

Presentation of trends of selected process data in real time to identify process deviations



### Production control

Digitalization of production orders, work plans and parts lists for increased productivity



### Transparency

Visualization of order progress to ensure delivery deadlines



### Traceability

Acquisition of material batches and process data for better product quality

## Data acquisition and delivery



### Material tracking

Traceability from raw material to finished products across the entire production line down to lot size 1



### Process data acquisition

Retrieval and storage of process and material data relating to quality for every process step



### Machine data acquisition

Automatic and manual logging of machine status, product defects and lots to calculate performance indicators



### Archiving

Memory-optimized storage of relevant product data and production statistics



### Connectivity

Reliably connect machines and IT systems for data acquisition and provision

## Our integration capabilities

As a full-service provider, we handle all machine integration tasks, e.g. interface specification, software qualification, on-site testing, integration of systems into your production set-up.

## Our services

In addition to standardized industrial software solutions, we provide you with a wide range of know-how and application-specific services for all phases of your project. With more than 30 years of experience in successfully implemented automation projects, we support you in planning and optimizing your digitalized production.



## Kontron AIS GmbH

Kontron AIS GmbH sets the benchmark in industrial software – for more than 30 years and with an experienced team of over 250 employees. The proven software products and customized digitalization solutions enable machine and equipment builders as well as factory operators to break new ground in automation and secure long-term competitive advantages. Together with its customers, Kontron AIS implements worldwide cross-industry, intelligent digitalization strategies and solutions for the smart manufacturing of tomorrow.

As a subsidiary of the Kontron AG, Kontron AIS offers integrated, end-to-end IoT concepts consisting of hardware and software as well as worldwide project management, service, and support thanks to a global network.



Software Development



Consulting and Requirement Engineering



Project Management and Training



Supply of Hardware for Control and IT Systems



On-Site Installation and Commissioning



Flexible, Global Service and Support

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