Integrated Analytics

Scalable, integrated and flexible analyses of your line

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Analytics
Scalable, integrated and flexible

Advanced Analytics   `Expandable`   **Integrated Analytics**
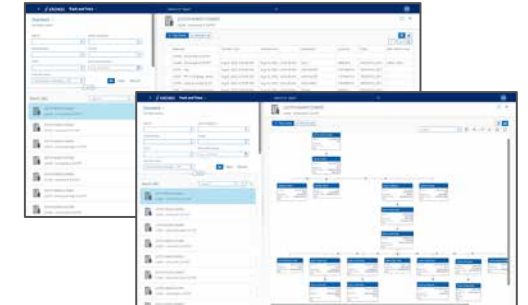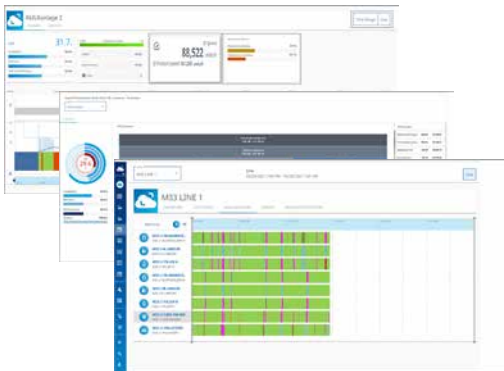
- Data analysis in real time
- Analysis of the causes
- Line output reports/ performance and KPIs

Integrated Analytics

- Customised reports also at corporate level
- Historical analysis of the line output/performance
- Contextualisation of the information (e.g. type comparison)
- Integration of external data (e.g. laboratory, warehouse)

Energy and Media Analytics

- Reports on energy and media consumption
- Contextualisation of the information (e.g. type comparison)
- Integration of external data (e.g. processing and operating materials)

Track and Trace Analytics

- Product tracking
- Material tracking
- Integration of external systems (e.g. warehouse)

Complete functionality

Customisation

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Flexible analyses and benchmarking

Utilise the comprehensive options that Integrated Analytics offers as a business intelligence solution specifically for filling and packaging analyses. The software always provides you with the correct solution – whether it be prefabricated reports or even reports customised to meet your needs and which you can generate yourself with just a few mouse clicks. This allows you to precisely define which parts of your production still have optimisation potential and where you can start taking action in order to increase performance and reduce manufacturing costs.

At a glance

– Enhanced reports on line output based on the data provided by Advanced Analytics
– Pre-defined and self-configurable reports
– Reports at corporate level for internal benchmarking
– Type-based analysis of the line output
– Analysis of historical data for deriving patterns and trends
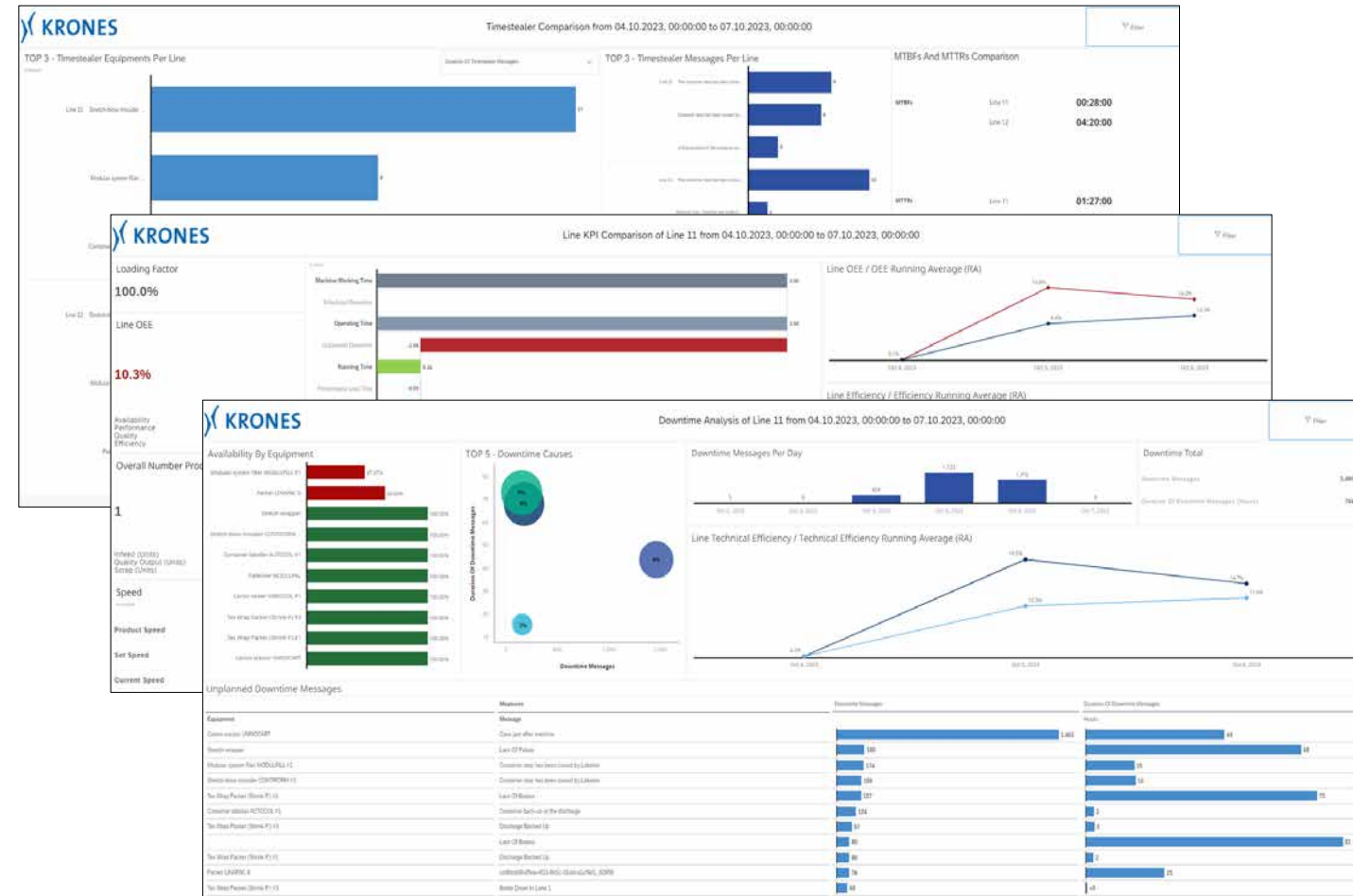– Integration of external systems

Requirement: Advanced Analytics must be installed in the line (or lines) as data source.

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Flexible analyses and benchmarking

- Combining and contextualisation of data

- Reports customised to meet individual requirements

- Analysis of historical data

- Customised standard and ad-hoc reports

- A range of options for data illustration
  (diagrams, correlation data, cluster diagrams)

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Comparable reports

– Reports at corporate level for benchmarking the most important line key figures

– Comparative analyses of the performance per type

– Customised reports either already preconfigured by Krones or self-configurable

– Integration of external data sources, for example from the warehouse management or quality management system

Supporting decisions at management level

Shift supervision

Overview

- Informative reports
- Remote access with mobile devices
- Identification of trends and patterns
- Analysis of the causes
- Free time for action
- Supports the defining of priorities and preventive measures

Management

Benchmarking

- Clarity and comparability
- Real-time and historical analysis
- Tamper-proof flow of information
- Fact-based decision making

Downtimes reduced
by up to

10 %
.

Efficiency increased
by up to

5 %
.

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Benefits to you

Cost-efficiency

Cost drivers for production downtimes and energy and media consumptions are identified and continually reduced.

Time savings

Optimise your time requirements thanks to the fast and comprehensive processing of all data.

Global availability

Use Integrated Analytics 24/7 – regardless of your location and selected end device.

Increase in the Overall Equipment Effectiveness

Obtain an overview of machine data and KPIs and thus create the foundations for increasing your Overall Equipment Effectiveness.

Transparency

Integrated Analytics aggregates all the relevant state and process data from the available reports for your production line.

Overview

The system translates a large amount of complex information about your line into informative key figures and thus makes it possible to develop sound actions.
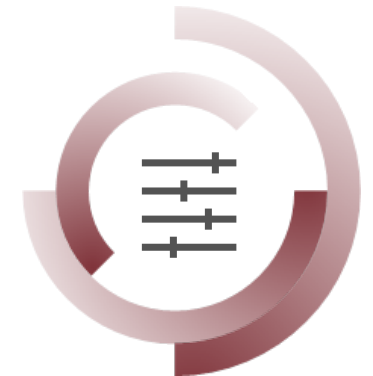
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Added value for our customers
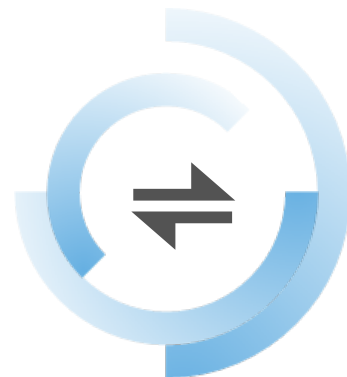
Downtimes

Waste

Maintenance planning

Production parameters

Employee training and knowledge

Change-overs

Consumption

Material management

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Our solutions

Making complexity manageable, reducing costs and maximising output through intelligent solutions

Shopfloor Guidance
Notification – prioritisation – instruction

Analytics
Advanced – Integrated – Energy and Media – Track and Trace Analytics

Line Control
Managing complex production – reducing manual interventions – scalability

MSA Performance
Krones Service supports customers – mutual transparency – causes – action plans

SAP-Based Solutions | SAP Integration
Standard solutions – development – engineering – implementation

Automated Parameter Optimisation
Services for "intelligent machine generation" – AI – machine learning

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SOLUTIONS BEYOND TOMORROW

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