DI.IT
Member of the Schleuniger Group

Leading Software Solutions for Wire Harness Production

4Wire KPI Dashboard
Key Performance Indicators

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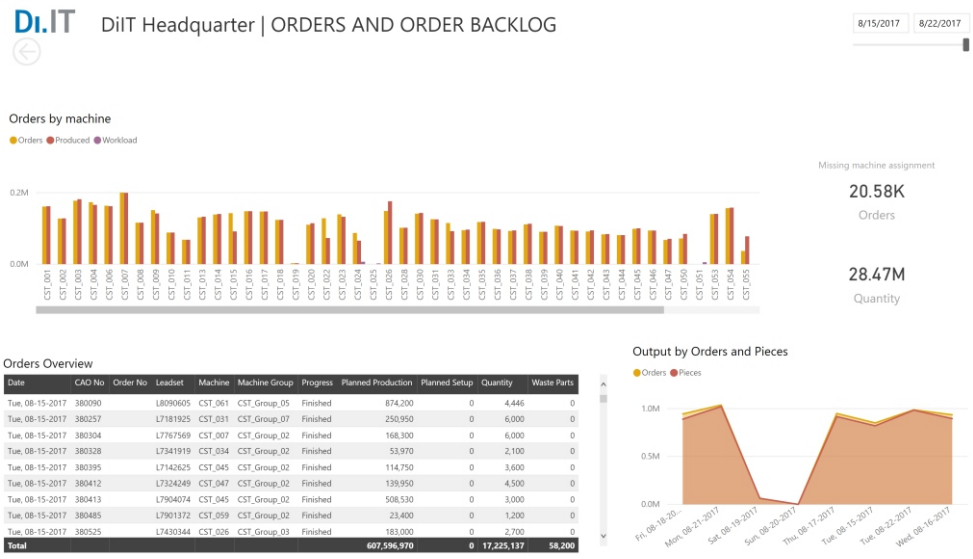
Visualization of relevant production figures

Reliable figures from ongoing production are an important management control tool. The data collected in the 4Wire CAO system can be calculated both as standardized and customized figures.

The 4Wire KPI Dashboard visualizes the figures and presents them extremely clear.

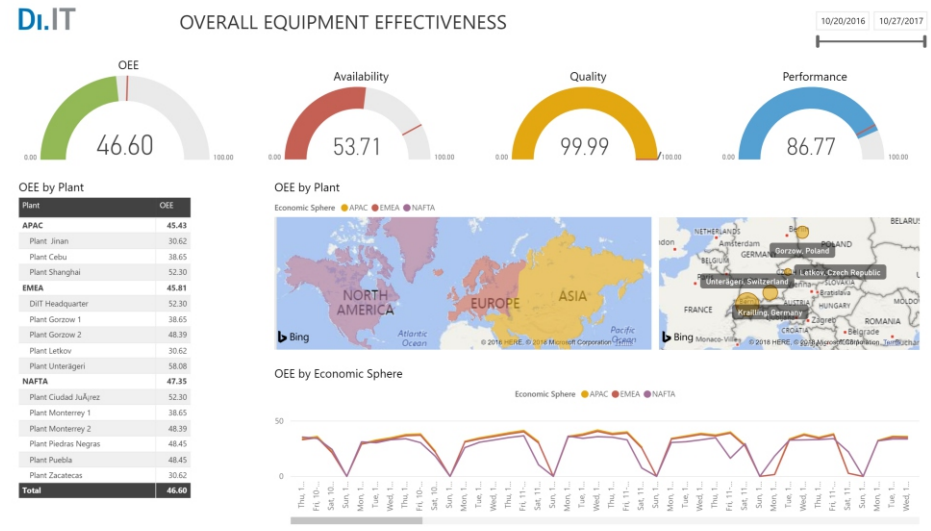


OEE overview on group level

KPIs

Key Performance Indicators (KPI) are process indicators used to measure the progress and degree of fulfillment of important objectives and critical success factors in wire harness production.

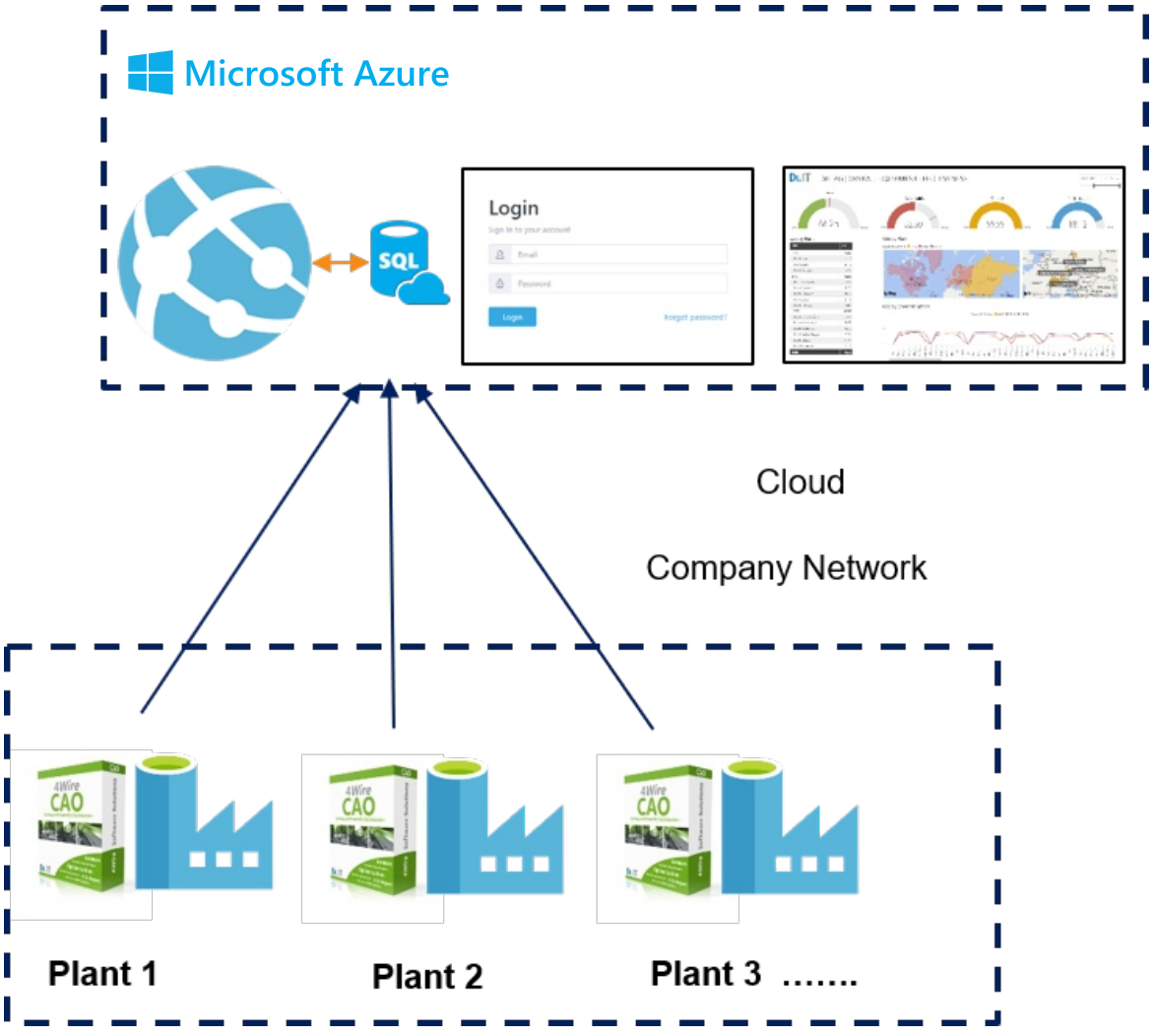
The ability to compare figures is a pre-requisite for measuring plant and machines with comparable charts at group level.



Plant orders and order backlog on plant level

4Wire KPI Dashboard Benefits

- Company-wide, consistent presentation of overall equipment effectiveness
- Continuous improvement based on measured production effectiveness
- Fact-based justification of process optimization and / or product investment
- Motivation of employees to improve performance
- Consistent control of production quality
- Fast and target oriented reacting on insufficient production performance
- Detection and visualization of optimization potential



System concept

Complementary Systems

4Wire CAO
Cutting and Assembly Optimization

The software solution 4Wire CAO is the leading manufacturing execution system for the cutting area and assembly. It is the only system, that is used worldwide and supports all languages.

The system has interfaces to machines from Schleuniger, Artos, Komax, ShinMaywa, Schäfer, Yazaki and others, that are continuously updated in close cooperation with the machine manufacturers. That is why 4Wire CAO has the latest and the largest scope of functions that can be regarded as a de facto standard.

The software solution 4Wire CAO is flexible, scalable and efficient and already successfully installed by many successful companies. Due to its modularity, 4Wire CAO is also beneficial for small and medium-size companies.

4Wire PLS
Production and Logistics Suite

4Wire PLS is a flexible solution specially made to support customer specific wire harness production (KSK).

Production processes are complex and different in every company contrary to commercial functions, especially in wire harness production with quantity one. Therefore, 4Wire PLS functionality depends on the project at hand. There are no unnecessary, missing or convoluted functions in 4Wire PLS.

Customer specific data structures are generated automatically with no extra effort. This software technology was funded by the European Commission and has been awarded with the highest award category “excellent”.

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