



O-QIS

Operator Quality
Information System



Camera concept

O-QIS - Operator Quality Information System

Automatic Measurement Takeover

Realtime Visualization

Alarm Control

Interfaces

Process Control/SPC



SPC Analysis for Process Documentation

The measurement and inspection data can be collected in many different ways and transferred to **O-QIS**. In addition to manual data collection, direct transfer of data from manual gages, fixture gages, measurement devices and multiplexer boxes is possible through the RS232 or USB interface. The collected measurement values can be visualized in different ways (for example: quality control charts, actual value chart, bar chart etc.) and help the user with a target oriented evaluation. **SPC Analysis** for Process Documentation

The high flexibility of the software package enables the target oriented configuration of data recording and visualization. This ranges from „easy2use“ to the freely configurable measurement process control.





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Online Alarm Monitoring Creates Transparency

With large amounts of data in brief time intervals like for example process parameters from assembly systems, die casting machines, furnaces etc., real time visualization and alarm monitoring are vital. Different display types are available ranging from charting individual values and trends of the measurement values to compacted status displays of the entire production facility. Data transfer from the system is carried out through the **Q-DAS** ASCII Transfer Format.

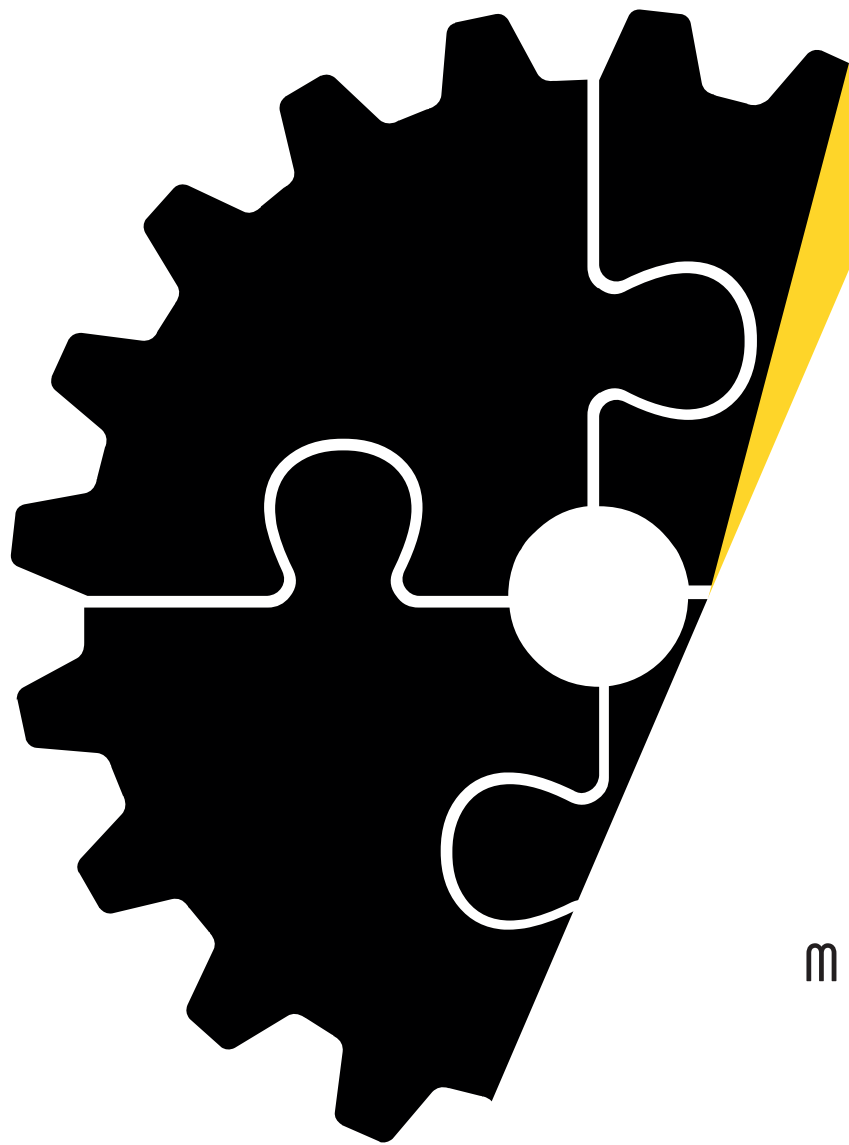
Real Time Visualization for Target Oriented

In case of measurements with large numbers of characteristics and long measurement cycles, for example coordinate measuring systems or more complex measurement instruments, the focus is on the display of problematic characteristics, to clearly pinpoint them right away. This facilitates the immediate identification of weaknesses in the process. The structured user interface with simple buttons create a high degree of acceptance with the users.

Alert Function Provides Confidence

In order to minimize the risk of overlooking deviations from given target values, the recorded measurement values are validated immediately based on alarm conditions that can be defined freely. As soon as an alarm occurs, a selected group of people can be informed in different ways. In addition to the display of the alerted characteristic, the automated distribution of a report (printout, PDF, E-mail or SMS) is possible.

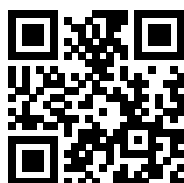




QUALITY
MANAGEMENT
SYSTEM



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