

# WFL DATA ANALYZER



ONE APPLICATION – ALL DATA

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[ DE ] [ EN ]

# CLAMP ONCE – MACHINE COMPLETE

## What is the WFL DATA ANALYZER?

### One application – all data

This software allows for a perfect overview of your machines and helps to record and retrieve the current state of the machines as well as the production data. As an industrial PC is integrated in the machine, you can access and manage these data by using your smartphone, tablet or PC - everywhere and at any time. The IT administrator is responsible for the integration of the data and the coordination of access options and securities. Just one click and you can access all information within seconds. This allows for a quick reaction and possible adjustments. The individual applications of the WFL DATA ANALYZER provide plenty of opportunities for controlling upcoming production processes perfectly.

## What are the advantages of the WFL DATA ANALYZER?

- Machines, tools, raw parts, equipment and measuring devices communicate with each other
- Breaks new ground and opens up possibilities for products, services and their interaction
- Transparency and monitoring: What is going on? Which machine is currently not running?  
Is the machine prepared for the next manufacturing order?
- Regular evaluation of productivity and availability
- Retrieval of data via PC, tablet or mobile phone – everywhere, at any time
- No “cloud solution” (data stays in the company)
- Reduction of cycle, process and machining times

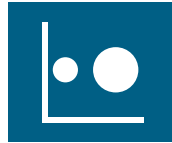


# WFL DATA ANALYZER basic package



## Dashboard Overview

Overview of all machines and their state.



## Variance

Analyzes the dispersion of the actual processing time per component and provides possibilities for detecting optimisation approaches.



## Alarm Assistant

Overview of alarm history including alarm number and message.



## Production Overview

Allows for a quick overview of the status of your machines over time.



## Alarm Monitor

Displays the most frequent alarms sorted by duration and number.



## Spindle Monitor

Displays current spindle data in real time (e.g. capacity, speed range, availability).



## Machine Live

Provides up-to-date information and status in real time.



## Parts Overview

Displays cycles of NC programs including individual review.



## Statistics (incl. OEE)

The recorded data is collected and analyzed according to OEE (Overall Equipment Effectiveness).



## NC Program Changes

Recording and comparison of different NC programs.

## Additional Apps



## Tool Monitoring

Monitoring of individual tools with information on wear, period of application and longevity.



## Service Monitoring

This function allows for a perfect preparation of possible service intervals for all machines and therefore prevents standstills.

# WFL DATA ANALYZER

Stay on top of things and fulfil the optimisation potential for your smart-factory.

The WFL DATAANALYZER not only disposes of a transparent presentation for the user, but also improves your machine capacity. All data in your production environment are collected and analyzed in order to increase productivity. This results in shorter production times and leads to more effective Smart-Factory processes.



## Dashboard Overview

Tracking of all relevant machine data at a glance.



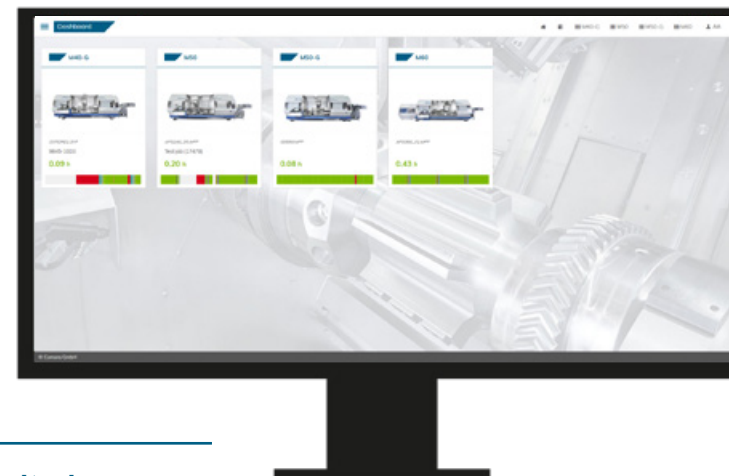
## Statistics (incl. OEE)

Utilization of the machine based on real machine data incl. increase in productivity and machine efficiency.



## Tool Monitoring

Overview of all tools and exact determination of application period.



## Production Overview

Changes and their impacts on the process become visible.

