

# ISIPlus® MDC Machine Data Collection

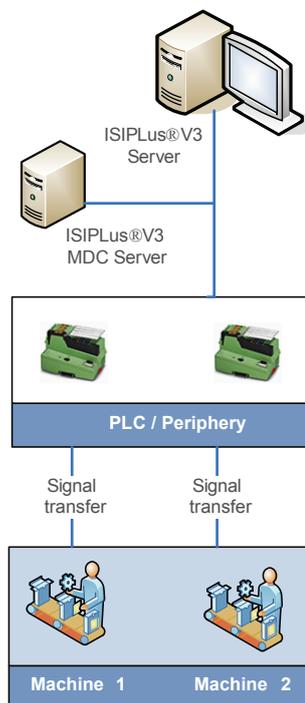


## Production data – The indicator for your productiveness

Successful production control always needs actual data from manufacturing. In this connection current capture and dynamic forwarding of data becomes the elementary criterion by the evaluation of the capability.

### System integration

The integration of ISIPlus® - MDC in your machine park is adaptable and efficient. Machines and data are homogenized for further use.



### Machines of the production technology

The ISIPlus® - MDC always guarantees the perfect flow of information between planning and production. The machine data can be integrated with ISIPlus® - PDC seamless into the company data.

ISIPlus® - MDC is easy scalable and through a suitable parameterization adjustable at specific customer standards. A complete picture of the processes, the material, the machines, the products as well as the employees as an indispensable requirement is therefore always guaranteed.

### Planning appropriate for quality and control of the manufacturing

The ISIPlus® - MDC uses the received messages, meter readings etc. of the machines directly to indicate the actual state of the production. Merely the combination of MDC data with the functions of a leading system guarantees a planning appropriate for quality and control of the manufacturing processes. Setting-up times and processing time can be optimised with the help of this information and reduced.

At the same time supplies are drastically reduced in production and warehouse by raw parts and half-done parts.

#### Some essential...

- ▶ Output ( Number auf part respectively non-defective parts)
- ▶ Number of defective parts
- ▶ Setting-up times
- ▶ Cycle times
- ▶ Extent of utilisation of the machines and resources in your company.

#### ....machine data

- ▶ announcement of machine disturbances to the machine state data
- ▶ Information about the delay of the respective production
- ▶ Availability and reliability

## Appointment loyalty

In the company engaged capital is substantially reduced and the better planning allows an essential improvement of the appointment loyalty of your manufacturing.

The use and evaluation of your machine data can therefore become the significant factor of the increase in output of the production and the improvement of the competitiveness of your company.

## Solution possibilities

ISIPlus® offers a huge number of solution possibilities for the quick and successful coping of the conceptual formulations in the different manufacturing ranges.



### Machines

#### Daily failure report

- ▶ Cause of failure
- ▶ Downtime
- ▶ Breakdowntimes
- ▶ Production times
- ▶ Capacity factor
- ▶ ...

### Machines

#### Monthly and annual report

- ▶ Setting-up times
- ▶ Production times
- ▶ Interruption time
- ▶ Production output
- ▶ Junk
- ▶ ...

## Die Functionalities of ISIPlus® - MDC

- ▶ Resourcemanagement(machines, interfaces...)
- ▶ Synchronous integration in ISIPlus® - PDC
- ▶ Actual and theoretical comparison of work orders between ISIPlus® - MDC and ISIPlus® - PDC
- ▶ Detection and protocol system

We are available for further information to you with pleasure. We are glad about your establishment of contact.

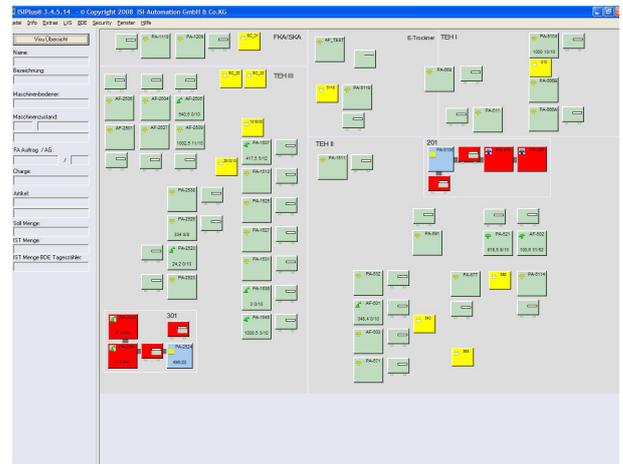
- ▶ Visualisation production range
- ▶ Efficient reporting to analyze key data
- ▶ Automatic capture of the machine run time

## Key data in view

The highly competitive reporting allows the generation of reports and evaluations, immediate messages, actual manufacturing data and key data and provides from the beginning for the entire integration in your manufacturing environment.

## Real time visualisation

The visualisation displays all machine states on a real-time basis. By mouse click your employees swiftly reach the functions and information.



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