

ISIPlus® PDC Operational Data Collection



Organised manufacturing as a key to your success

The demands for production areas of companies are rising steadily. Flexibility and reliability are as vital for the operational success, like complete traceability, continuity and quality.

Besides, a seamless documentation of all processes plays a determining role, because only one, who has the overview about the processes in the company, can make the right decisions. Only the current elevation and subsequent treatment of all data, which result in the company, can fulfil these demands.



ISIPlus® PDC terminal



ISIPlus® PDC application

To achieve this, ISIPlus® - PDC was developed as a supplement of the ISIPlus® product family.

The manufacturing always in view

ISIPlus® - PDC provides for the fact that always all information is available at the places where they are needed. Get always an active overview, about the extent of utilisation of the manufacturing, about the state of plants and devices, the warehouse state and order status or the effectiveness of your production. As an option you can route status announcements to different areas of your company. This enables to create the dispatch of disturbance announcements of machines directly to the suitable service department for elimination beside current notification about processing of orders.

In the long term the observation from production and performance data helps to track down weaknesses or plant error and to recognise early without provoking an unplanned plant shutdown.

With real time transparency and high plant availability you increase thus your productivity.

Adaptable processes – the key to Effectiveness

Only defined processes permit a high automation degree which is necessary to be able to exist in the competition. However, just as important is the change ability of processes and workflows in the IT systems of the production. New production procedures or

The benefits...

- ▶ Datcapture in a contemporary way and event- oriented at the place of the origin by the user
- ▶ minimum acquisition effort by function barcodes or touch screen terminal
- ▶ Transparency of the operating procedure
- ▶ Optimization of the value added chain by current data capture

...for your company

- ▶ Notification of machine failure to the company servicing
- ▶ Complete data for your ERP-and PPS - system
- ▶ All resources are included in the manufacturing control
- ▶ Quality increase within manufacturing

adaptations to the market must be able to be carried out fast and reliably without having to customise always the whole plant software concerning the universal documentation.

ISIPlus® - DIS customises itself adaptable to the demands of the manufacturing. Long dead times on account of luxurious software updates are not necessary and therefore ISIPlus® gives you the flexibility which you need in your market.

Data capture, where they result

ISIPlus® - DIS is usable as software at every place at which data relevant for company result. Besides, it makes no difference whether to record the data by hand over a computer, through the MDE automated in machines, by Auto-ID through bar codes or RFID technology provided or passed automatically from special devices.

A universal and entire capture of all relevant data is the store for a comprehensive consideration of your processes and performance data. Retrace ability and quality feedback included.

Functions of PDC

- ▶ Master data administration (goods, clients,...)
- ▶ Capability management (plants, scanner,...)
- ▶ Retrace ability of finished goods and green ware (batch tracing)
- ▶ Actual-theoretical comparison of work orders
- ▶ Detection and production log system
- ▶ Visualisation production area
- ▶ Efficient reporting for analyzing business key data
- ▶ Data export (Excel, PDF,...)

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

Key data in view

The reporting of the PDC Software systems offers you a quick and continuous overview and evaluation of important key data:



Overview:

- ▶ Output per day
- ▶ Production lead time
- ▶ Manufacturing efficiency
- ▶ Production statistic
- ▶ Downtime
- ▶ Capacity factor
- ▶ ...

Detail overview:

- ▶ Production times
- ▶ Setting-up times
- ▶ Breakdown times
- ▶ Preproduction
- ▶ ...

Integration as an added value factor

With a competent and compact solution from one source, you improve the readiness for operation of your manufacturing plants, force the delivery in time of your goods and shorten your warehouse cycles.



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