bisoft PRZ

Process Data Recording

Direct recording and allocation of process parameters

bisoft PRZ

bisoft PRZ depicts analog values such as pressure, temperature, energy consumption (gases, power, etc.) clearly and transparently. This makes immediate reaction to fluctuations or excesses/undercuts of tolerance limits and optimizing of production processes possible.

Master data is stored directly in bisoft MES or taken over by the host system. Process parameters are documented according to batches, orders, articles and machines. For the first time it is possible to allocate actual energy consumption directly to the originator.

Traceability of your process parameters is fast and simple with bisoft PRZ.

Advantages at a glance:

- Reduction of paperwork
- Digital incidence logbook (administration/archives)
- Individual process depiction
- Linkage to upstream and downstream systems (ERP, QM, ...)
- Prognosis for consumption and purchasing
- Recording and display of process data (pressure, temperature, energy consumption, ...)
- Batch, order, article and machine relevant documentation
- Divergence analysis
- Definition of tolerance limits

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PRZ OVERVIEW:

bisoft PRZ

bisoft PRZ analyses consumption in critical production processes exactly. Adherence to these specifications can be permanently checked against actual values. Process data recording plays an important part here. Critical values such as temperature, pressure or energy consumption are taken over via OPC/SPS or by systems accompanying processes and are compared with current parameters. In foreseeable deviations, visualized by escalation control, intervention limitation can be defined. This makes reaction possible before
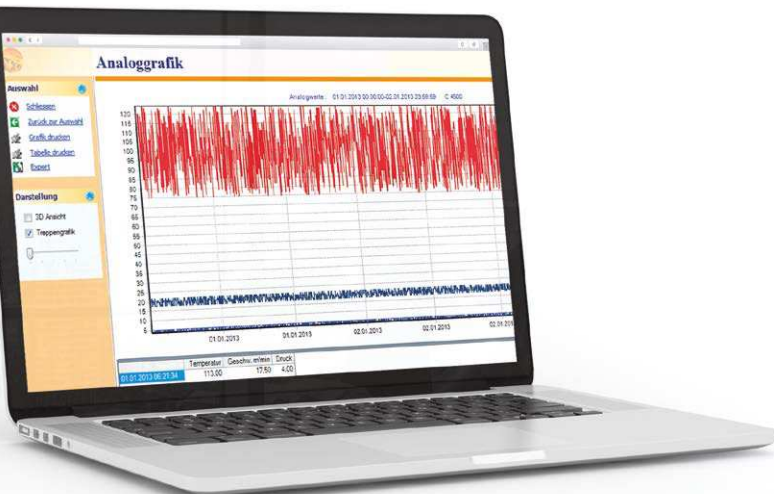
problems become acute. This close interlocking of target and actual data upgrades process stability decisively. On the basis of definable regulations, deviations between actual and target values can result in further activities, e.g. stopping a machine. Process data from machines, articles or orders are stored as historical values. This makes it possible to recreate at any time the conditions under which a specific production process was carried out. Complete transparency of all machine and process data is available from the start.

Example: Analog display

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transparent – efficient – cost-saving

gbo datacomp as a comprehensive solutions provider in the area of production management systems (MES) will increase the competitive capabilities of your company. More than 30 years experience in software development and innovative hardware products have convinced notable companies at home and abroad. Currently gbo takes care of more than 850 system solutions with 14.500 users and more than 100.000 modern terminals worldwide.

Our solutions stand for more efficiency in processing and production. Hardware and software solutions for all enterprise sizes are functional, technically mature and flexible.