

# Smart BDE: Application for operation data collection

One thing most projects have in common is the focus on operation data collection (BDE): The greatest added value has already been created by the option of collecting feedback on production, maintenance, interior and project management in a simple and uncomplicated manner. Taking this need in mind, we have developed the "Smart BDE" Application. This is a complete permanent system for

production control and production data with a common interface for all types of order messages. The user interface is designed so intuitively by means of modern UI components that enables users to enter data manually. The clear structure facilitates the clarity, comparability and correction of already collected data across all types of orders and supports your company on the way to the Smart Factory.





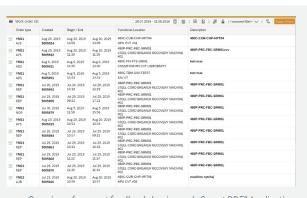






## Meaning of "BDE" today:

The accuracy and timeliness of their own operating data are crucial for efficiency in the production process. Today, the advancing digitization as well as the system networking enables the automated collection of process-related data. This has an increasing influence on the processes of various corporate areas. On the way to the smart factory, both manually and automatically recorded operating data play an important role. With the help of the collected data, the project condition and KPIs, such as throughput times and quantities, can be viewed at any time. In addition, deviations between planned and actual values are determined early in production so that appropriate counter measures are initiated and processes can be optimized.



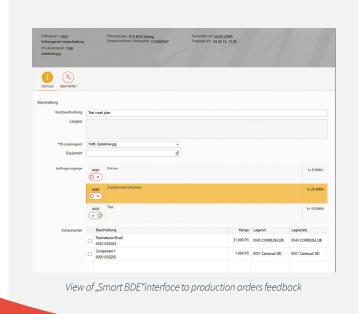
## Overview of a recent feedback, basic mask "Smart BDE" Application

### Solution "Smart BDE":

Over the last few years, we have implemented many different and individual solutions within the scope of customer projects: starting with the manual time recording by machine operators, through to dialog-supported material bookings, to the automated recognition of demands and replenishment deliveries. This was reflected in the manual capture of data across the project: The biggest added value comes from the simple, mobile recording and feedback on production, maintenance, internal and project orders. With the solution and "Smart BDE" application we can achieve an easier feedback and collect data manually from booking dates, quantities, personnel times, set-up times and other information about the respective transactions. In addition, it offers the option to clearly display the most recent feedback so that, if necessary, a correction of data is possible. Data and processes of the SAP system are used in the background. This ensures that the collected data is available in real time and can be processed accordingly.

### Advantages:

The operating data is subject to live update. "Smart BDE" is not only a single point of contact for all types of order confirmations, but it also allows parallel processing of an order through different machine leaders. Those can also be sent automatically via push notification of current events e.g. a machine standstill. "Smart BDE" is particularly easy and intuitive for users as the application focuses on only relevant and essential core functionalities of the operating data. The usage requirement here is just a browser. It also requires little training and due to the incorporated verification function the error rate is zero.





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