



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.

Order type	Created	Begin / End	Functional Location	Description
YME1	Aug 20, 2019	Aug 20, 2019	480C-CUR-CHP-HPT04	480C-CUR-CHP-HPT04
AVS	5005524	13:09	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Aug 20, 2019	Aug 20, 2019	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
AVS	5005522	13:29	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Aug 6, 2019	Aug 6, 2019	480C-FFFTS-UN01	test mas
ADS	5005511	14:40	480C-FFFTS-UN01	test mas
YME1	Aug 5, 2019	Aug 5, 2019	480C-TEM-SAV-TB707	480C-TEM-SAV-TB707
ADS	5005501	14:43	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Jul 26, 2019	Jul 26, 2019	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
REP	5005542	14:19	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Aug 29, 2019	Aug 29, 2019	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
ADS	5005505	09:21	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Jul 30, 2019	Aug 5, 2019	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
REP	5005579	11:56	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Aug 20, 2019	Aug 20, 2019	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
ADS	5005519	10:53	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Jul 26, 2019	Jul 26, 2019	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
REP	5005504	10:57	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Jul 29, 2019	Jul 29, 2019	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
REP	5005563	10:31	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Aug 29, 2019	Aug 29, 2019	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
ADS	5005504	11:22	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Jul 29, 2019	Jul 29, 2019	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
REP	5005570	11:30	480P-PRC-FBC-SRM01	480P-PRC-FBC-SRM01
YME1	Aug 23, 2019	Aug 23, 2019	480C-CUR-CHP-HPT06	machine synth
LUB	5005560	10:46	480C-CUR-CHP-HPT06	machine synth

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.

View of „Smart BDE“ interface to production orders feedback

Do you have any questions?

Looking forward to hearing from you!

Your contact:

Thomas Decker

E produkt@inwerken.de

T + 49 511 936206 - 0

