

# Sycor.PDC

## Transparent production, objective key performance indicators

Sycor.PDC is a software solution integrated with SAP that lets you enter and analyze production data and import it into the SAP module for actual cost accounting.

Sycor.PDC covers the following functional areas:

- Plant data collection (directly in SAP)
- Personnel time allocation (with SAP-HR integration)
- Quality data recording (for employee self-monitoring in SAP-QM)
- Production control station (status report at plant level)
- Production metrics (TEEP, Geff, OEE)
- SAP-CO transfer (production orders, make-to-stock production, internal orders, etc.)

### Actual time recording via start/end time entries in SAP

Sycor.PDC is a solution integrated with SAP that lets you report time stamps during production. Production employees can use simple

input templates to enter individual time events such as production start/end times in the SAP system. Sycor.PDC uses these entries to create a complete timeline of a production lot and post it to the SAP system. This solution can be upgraded to a comprehensive MES solution at any time.

### Freely configurable information processing

You can use the Sycor.PDC Configuration component to customize further processing of data in SAP. For example, for each workstation, record type or cause (multilevel model) you can define the standard SAP value to which you want the actual data to be posted.

### Personnel time allocation using a range of models

Sycor.PDC Personnel Time offers a variety of options for allocating personnel costs to cost centers in the production department. These scenarios include direct allocation per production system, multiple machine operation, stand-in staff, support staff and teamwork. These scenarios can also be combined. In the Configuration component, you define for each time event whether the personnel time is calculated at 100%, 0% or prorated.

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### Your advantages:

- One integrated solution for PDC
- Analysis function and ability to import data to SAP actual cost accounting
- Variable personnel cost allocation for production
- Transparent view of production metrics
- Customized further processing in SAP
- Can be upgraded to a comprehensive MES solution

### Your challenges:

- Separate acquisition of machine data and production data with time-consuming analysis processes
- Complicated calculation of production metrics
- Complex allocation of personnel costs to production cost centers
- Changing requirements relating to information processing

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### Production KPIs right out of the textbook

The *Sycor.PDC* KPI module lets you calculate well-known production metrics such as TEEP (Total Effective Equipment Productivity), GEFF (German abbreviation for total system efficiency) or OEE (Overall Equipment Efficiency). Individual components of these key performance indicators are displayed, including availability factor (usage level), performance factor and quality factor. This also applies to workstations and individual production lots.

A special feature of this module is that it records adherence to schedules, a „new“ key performance indicator. This metric is especially useful for companies that employ continuous flow production strategies. It documents the JIT capabilities of isolated production departments.

### Conclusion:

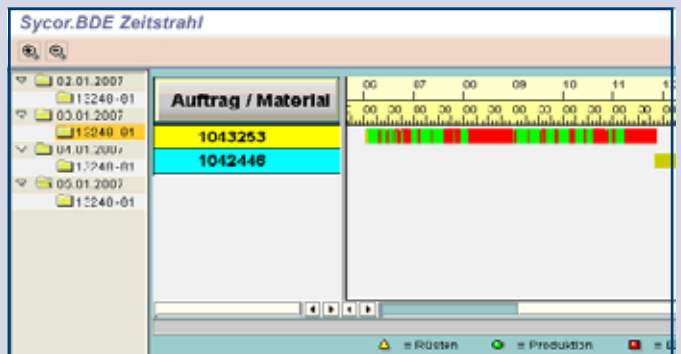
The scope of CO transfer is defined based on your company's needs. You can define data transfer in *Sycor.PDC* according to how actual cost accounting is structured in SAP. Data can be posted to all objects in SAP that are assignable to accounts – you decide which objects.

**Sycor.BDE Kennzahlen**

Arbeitsplatz: Auftragsstc1 | Sollzeit / kapang. NIC | Da: Stahl

Arbeitsplatz	Kurzbezeichnung	Ausl. %	KapAngewand.	Datum	Job	Gesamt TTR	Prod. 11.0	YFakt	COL	Produkt
Auftrag	Material	Change	Arbeits	Gesamt TTR	Prod. 11.0	YFakt	COL	Produkt	Produkt	Produkt
13240-01	Spritzguß 2-Komp.	Hersteller 1-1	87,4	100	03.01.2007	83,1	808,257	283,357	3,5	478,11
1043253	1831-L-001-03	1705	53,1	301,7	01,9	53,7	10,17			
1042773	1831-L-003-03	1708	103,5	300,3	01,7	39,8	30,93			
13240-02	Spritzguß 2-Komp.	Hersteller 1-2	93,2	100	03.01.2007	25,2	740,351	205,157	20,8	322,07
1043853	1831-F-002-03	1711	3,7	38,357	0,8	0,8				
1042883	1831-F-004-03	1713	52,5	61,254	285,157	48,3	322,07			

KPI cockpit



Timeline display

**Sycor.BDE Leitstand / 05.03.2007 / 15:06:15**

by: Sycor

Arbeitsplatz	Material	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz	Umsatz
13240-01	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253	1043253
13240-02	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446	1042446

Control station