

Sycor.MES

Transparent production, objective key performance indicators

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



Sycor.MES covers the following functional areas:

- Machine data acquisition (for all automatic signals)
- Machine approval (bidirectional interface)
- Production data acquisition (for manual recording, either locally or directly in SAP)
- Personnel time allocation (with SAP-HR integration)
- Quality data recording (for employee self-monitoring in SAP-QM)
- Production control station (machine condition report)
- Production metrics (TEEP, Geff, OEE)
- SAP-CO transfer (production orders, make-to-stock production, internal orders, etc.)

Decentralized, resilient system architecture

The core components of *Sycor.MES* are SAP-oriented and do not require a dedicated

backup system as they are managed by the SAP backup concept. The system features a self-contained client that communicates with production systems via sensors or your existing machine control system. SAP Netweaver ensures communication between the client and the SAP server. If the connection fails (e.g., if the SAP server is unavailable), data is stored in a buffer and automatically synchronized once the connection is restored. Production data can also be recorded via decentralized PDA terminals or entered directly via a SAP PDA transaction.

Freely configurable information processing

You can use the *Sycor.MES* 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.MES 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.

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Your advantages:

- One integrated solution for PDA and MDA
- Analysis function and ability to import data to SAP actual cost accounting
- Variable personnel cost allocation in production
- Transparent view of production metrics
- Customized further processing in SAP

Your challenges:

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

Your contact:



Dr. Steffen Gremler
Vice President

steffen.gremler@sycor.de
+49 551 490 2530

