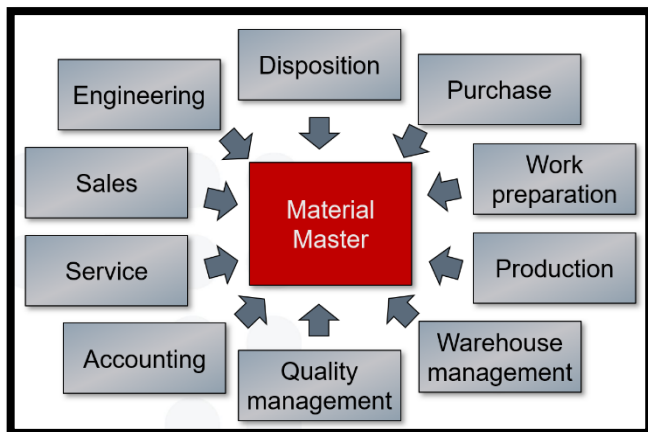


## Save process costs with automated generation of material masters

Maintaining material master data ties up resources and requires a great deal of discipline to ensure high quality. Despite optimally trained users, incorrect entries or the creation of duplicates cannot always be completely avoided. Maschinenfabrik AERZEN now relies on the SAP-integrated Material Control Center add-on solution with intelligent master data generation to increase the quality of master data and reduce personnel resources.



Material master records in supply chain management

Maschinenfabrik AERZEN stands for the highest quality standards. As one of the leading application specialists in the conveying and compression of gases, quality must be guaranteed at all stages of the product life cycle. This also applies to the quality of the material master data. This is the central object in the flow of goods in the SAP supply chain. In order to guarantee quality, time-consuming maintenance and recording of the master data was previously necessary. When creating a new material master record, up to six employees were involved in the maintenance, for example from Controlling, Accounting or Purchasing.

### Intelligent master data management

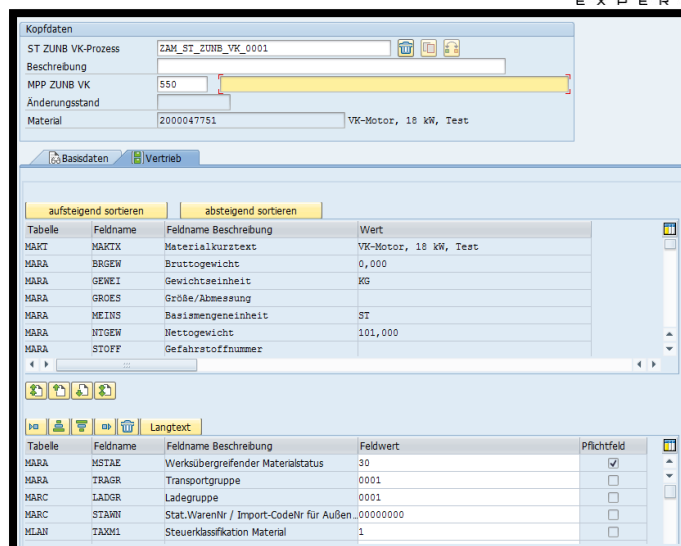
To avoid this and to further optimise the quality of the material master data, the process management department was looking for an SAP-integrated solution. The Material Control Center (MCC) add-on developed by BDF offers intelligent master data management that allows material masters to be created partially or even completely automatically, thus avoiding incorrect entries and tying up resources. The implementation focussed on the following points:

1. Integration into SAP Master Data Management
2. Process-related intelligent determination of material master information
3. Adaptation of process & product type-related mandatory field standards to increase investment quality
4. Targeted guidance of users through the process with targeted provision of information.

### Automated maintenance of master data through product clusters

To begin with, the experts from the Process Management department analysed the master data that had already been recorded depending on the respective product cluster. It became clear that much of the data recorded in the material master followed certain rules. These rules were recorded and checked for correctness by the responsible departments. Template tables were derived from this, which the software can use to automatically fill many views when a new material master record is created.

The process now works as follows in practice: AERZEN users create the initial material master with basic classification information via SIMUS Classmate. After the initial creation, quality control is carried out to check the accuracy of the information entered and to avoid duplicates. A sales employee then defines the framework parameters required for automated determination. Depending on the evaluation, the individual views are then maintained automatically. The basis for this is the generic setup of iPPE, as well as the customising and the previously defined rules. If manual maintenance of individual data fields is required, this is also controlled via the tool. The SAP iPPE user interface displays customised worklists to the relevant users. By dividing the screen horizontally, the tool only shows them the information they need. This targeted user guidance prevents incorrect entries and avoids information overload. Before the data is finally transferred to the material master, users are also given the option of checking all data for accuracy and only releasing it after quality control.



**Material master data maintenance in SAP**

## 60 per cent process cost savings

The MCC offers the option of converting the material master on a product group-by-product group basis. This gave AERZEN the opportunity to first test the handling on a rather insignificant material master and now gradually introduce intelligent master data generation. The expansion enabled AERZEN to reduce process costs dramatically. Previously, six different employees had to maintain individual views in the material master. Now, only the creator of the material master and one warehouse employee enter data manually. Based on the predefined rules, all views from purchasing, scheduling, sales, warehouse, controlling and accounting are created automatically and filled with the correct master data. Project manager at AERZEN Patrick Peter is satisfied: "The consultants from BDF supported us right from the start with the implementation and thus ensured an efficient process. Thanks to their guidance, we are now in a position to convert the remaining product masters independently."

The measurable success of the intelligent master data management has convinced AERZEN. A gradual changeover of the material masters across all product groups is planned for the future. This should significantly reduce process costs in the material master environment and further improve master data quality.

## Aerzner Maschinenfabrik - The specialist for industrial high-performance machines

<b>Location:</b>	Aerzen
<b>Industry:</b>	Mechanical and plant engineering
<b>Products and services:</b>	High-performance machines
<b>Number of employees:</b>	2,600 (worldwide)



AERZEN has been designing high-performance machines for industry since 1864. As a global player, AERZEN supplies reliable, energy-efficient and high-performance blowers and screw compressors to customers worldwide. The machine factory is one of the world's three leading application specialists in the conveying and compression of gases with energy-efficient and resource-saving products and production processes. With around 2,000 employees worldwide, the family-owned company generates an annual turnover of around 320 million euros.

### More about BDF EXPERTS

BDF EXPERTS is a leader in SAP consulting & software development in product lifecycle management and corporate finance & treasury based on S/4 HANA and SAP ERP. We advise large SMEs and corporations in the DACH region. As a team of digitalisation experts, we digitalise and optimise our customers' data and processes. With our products such as the Process Control Centre (PCC) or the Cash Position Cockpit (CPC), we get the most out of your SAP.

Find out more: [www.bdfexperts.de](http://www.bdfexperts.de)