



## Optimization potential regarding project realisation through integrated use of SAP® PS

Efficient design of processes:

Reduced costs for personnel

Efficient Optimization of R/3-systems:

Increased rapidity and quality of results

Latest methods of integrating SAP® modules PS, PP, MM and SD:

Increased benefit from functions without friction losses

Grouping of all functions in one module

Results-oriented organisation measures:

Increased productivity in the areas of purchasing, calculation, project controlling and distribution

Driving branch- and company-specific optimization- and integration strategies for:

- acquisition
- calculation
- project controlling
- distribution

Only consequent measures for the objective factors

- reduction of costs
- rapidity
- error reduction
- synergy effects
- integration

result in a maximum outcome.

*Our optimization experience –*

*For ideal structures within your company.*

### Reduced costs for personnel, error reduction, increased rapidity and synergy effects for an optimized project controlling

Reduction of costs and economical efficiency are focal points in the current economical situation. This is especially true concerning processes in research and development. Through the integrated use of SAP® PS it is possible to exploit crucial advantages in realisation of projects, not only in the area of development:

### Easy calculation of costs with Easy Cost Planning

In the management of complex projects, easily performable but yet powerful preliminary costing is of great importance. With the 4.6C release a cost planning on the level of project structures - and based on amounts and features - is available to you. It can be used to perform selling price calculations based on the planned costs determined by the system without change of transactions. In case of permission for the project respectively order receipt, you create – with help of networks – an associated continuing calculation.

## Automatic adoption of the calculations from Excel to SAP® PS

In your branch you frequently make calculations which don't necessarily get realised. Due to faster processing times you work with Excel. For later on realised processes however, you have to transfer the calculated data into the SAP®-systems. Since the SAP® standard doesn't provide you with an option to upload existing Excel-calculations into EasyCostPlanning (ECP), you currently have to create a project with PSP-elements and then transfer the data from those Excel-calculations to the SAP®ECP.

You can now automate this procedure with abat. We provide you with a component, which – in connection with an interface programmed by abat – can upload your data automatically – without changing the SAP® standard.

Our interface creates with the help of the PSP-numbers from Excel the project automatically within SAP and transfers the calculation data to the SAP®ECP. Altogether the use of our interface not only results in an extensive time saving, but it also eliminates possible sources of error which might have occurred in a manual transfer.

## Integration of the SAP® PS and SD modules within the assembly processing

At creating of a customer order, offer or inquiry the system automatically generates an assembly order, which displays one of the following elements of procurement: planned order, production order, process order, network (process) or service order. For the assembly order the system creates the scheduling and with acquirement of the customer order already evaluates capacities. Furthermore the bill of material for the assembly order is itemized to the according components and their availability is checked. As a result you gain the amount which can be approved at the desired date respectively a display of missing parts as well as a an availability check according to ATP logic for a partial or complete confirmation date. Due to this close connection between distribution and production you are able to increase your reliability regarding delivery dates and reduce sources of error and manual effort.



### Proposals for further strategy:

Analysis of the specific optimization potentials in a workshop

Determination of priorities according to those potentials

Preparation of an offer itemized to positions/ alternate positions according to optimization potentials

Our skilled employees optimize given structures of your company or provide you with results-oriented solution packets. Contact us anytime. We gladly arrange a meeting on site.

*Your abat-team*

TECHNOLOGIEFOKUS

abat AG  
Admiralstr. 54

28215 Bremen  
0421 - 43046 - 0



## Integrated use of SAP® PS for optimal controlling of research- and development projects

The project process is structurally displayed with help of PSP- elements. Temporal dependences can be shown with procedures in one network, without change of transactions. Material components are assigned directly to operations in internal or external processing. For external production a requisition is generated automatically, for in-plant production a PP-order will be created. All orders concerning a project are visible in the according project tree structure. For service, jobs with available capacities are added, consisting of one or a team of employees. In the context of the capacity evaluation you can see the corresponding occupancy rate of each employee or department for this or all projects. Invoiceable PSP-elements are assigned to milestones. As soon as the project manager announces the partial accomplishment of a project according to a milestone, the suspension in the customer order will be automatically removed and in next invoice run the bill can be given a push.

## Methodologically sound branch knowledge and the know-how for highly productive structures as a guarantee for best results

Each branch has its own regularities and each company structure has preset procedures. Optimizations can only be efficient if they take both into account extensively and thereby provide tailored solutions. However, for this you need top-class specialists who dispose of profound knowledge of the subject, the processes and R/3. Naturally you can find some of those at abat. **We gladly invite you to get to know our employees and welcome you at the abat AG.**



### → Advantages:

- Scheduling
- Capacity planning and capacity load for single employees or compressed to whole departments
- Automated budget control
- Status of all orders concerning a project/network on one screen mask
- Automated invoice processing
- Transparency of all costs of your projects

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