msg.Variant Supply Chain Management

SIMPLIFY YOUR SUPPLY CHAIN PROCESSES

Delays in the supply chain cost money. Reasons for this are, for example, complex data structures when using configurable materials. Unfortunately, the set of rules in the SAP standard is of little help here – reference can only be made to the proprietary syntax that is necessary for maintaining and creating configuration master data and requires considerable specialized knowledge. In addition, short-term distribution of data to other systems is the prerequisite for an optimal production process.

Without the use of SAP APO, it is impossible to perform an availability check in the complete BOM in the SAP standard although this can be of decisive importance for reliable delivery date determination. The representation of the critical path within the product structure can be a way to offer alternatives. In terms of cost, the aim would be to keep manufacturing as simple and lean as possible with high volumes. This is opposed by the ever-increasing variability of the products sold - the keyword here is: batch size one. An intelligent combination of individual production orders into packages can counteract this dilemma. The Variant Supply Chain Management modules includes a large number of segments that significantly facilitate your data management and the processes in the value-added chain.

The key benefits

- Acceleration of master data maintenance – no know-how transfer required, the business department can maintain the data itself
- Combining data and simplifying processes cuts down on costs and time invested
- Simplified data exchange with connected systems through uniform data structures

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Features

msg.Variant SCM optimizes your processes along the value-added chain. As early as the sales order stage, availability is checked across the entire generated component structure and, if necessary, the critical path is identified. The resulting sales order-related production orders can be combined into production packages and processed. All processes of external procurement can be operated from the msg.Variant purchasing cockpit. The segment presents the relevant information for configurable and non-configurable materials in such a way that the respective sub-processes can be carried out in an optimized manner. When using configurable materials, rules for the price variant determination can be stored in a decision table (DT). One of the key benefits of creating data in tabular form is that no special object dependencies are required and thus data maintenance can be carried out by the business department.

Modules of the solution

- DT for the configuration of super BOMs
- DT for the configuration of super task lists
- DT for the configuration of super networks
- DT in variant-dependent purchase price determination
- Availability check
- Production planning and control using packages
- Purchasing cockpit

In addition to msg.Variant Analytics, the industry-neutral solution **msg.Variant** includes further modules and packages, with which you can optimize the SAP standard:

msg.Variant Sales
Optimal support of your sales process

msg.Variant Calculation
Calculate your variants and save time

msg.Variant UI5 Quotation Configurator
Your digitalized sales process

msg S/4 Discrete Manufacturing Industries
Optimal integration of CAD, 3D, e-Commerce and ECM

msg.Variant Process Optimization
Optimal integration of CAD, 3D, e-Commerce and ECM

msg.Variant SCM
Simplify your supply-chain processes

We are here to help. Get in touch:

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