

# all you need for product lines

pure::variants

## Connector for SAP®

The connection between variant management and SAP®

Related products frequently share much of the same component, with only a few differences realizing product-specific functionality. However, much of the challenge of developing related products comes from managing these differences. Variant management addresses this problem by enabling the development of a group of related products as a whole, rather than as individual, independent projects. Configuration processes can be complex and difficult to comprehend. For examples, rule, not always easy to understand, of how to combine certain components in a variant have to be considered. Variant management offers faster access to the knowledge of functionalities, requirements and restrictions of components, making management easier and more successful.

pure::variants Connector for SAP®

The pure::variants Connector for SAP® links pure::variants with the SAP® system. It gives direct access to the variant information in SAP®. Based on the ABAP-API® SAP®-extension modules make use the variant knowledge. Variant configurations for instance, can be translated via CIC® modules for mySAP® CRM into material lists and automatically be forwarded to order processing.

### Shared Databasis

Variant management is a consistent process, with importance for the whole process from product planning to sales. It requires the use of a single database for all parties involved as a crucial condition. The client/server architecture of pure::variants provides access to the variant characteristics from all applications. Different, customized views of the database are also possible.

Feature models are used in pure::variants as the consistent variant description. They clearly and easily show complex variant-relations between the components. An automatic validation prevents incorrect configurations. The graphical interface supports an intuitive approach to development and maintenance of the variant models.

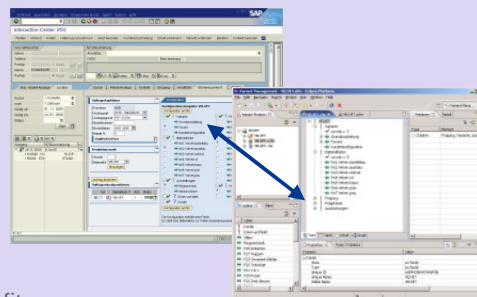
### No Incorrect Configurations Anymore

With the pure::variants connector for SAP® requested product variants are evaluated and revised for incorrect configurations based on the models stored on the server. For instance sales or customer service can accept orders from customers and immediately locate errors in the configuration. Together with the customer a valid configuration can be found without any delay.

### No More Bills Of Materials (BOM)

A valid configuration creates a purchase order and the configurator forwards the list of materials needed for this variant to SAP® R3® to implement stock orders.

For SAP® R3® only the maintenance of information in the material masters is required. The creation of BOMs is not anymore necessary.



### Benefits

- Graphical editors for modelling
- Provides a rich language for modelling relationships and restrictions between requirements
- Automatically detects and resolves problems when conflicting requirements specified.
- Consistent description of variants during production and sales
- In SAP® only material masters need to be entered and maintained - the knowledge of what a specific variant consists of is provided by the configurator. [No bills of materials (BOMs) are needed in SAP/R3®]
- Integration into SAP® CRM without activation of the CRM Sales Funktion. (The material masters, conditions and configurations are not needed for the input of configurations into CRM CIC®.)

### Supported Platforms

pure::variants release 2.x or newer  
(Win32, Linux)

mySAP CRM CIC integration for pure::variants from init.all GmbH  
SAP CRM Release 3.1 or higher

*SAP, ABAP-API, CIC, mySAP, R3 are registered trademarks of SAP AG. Other product or brand names are trademarks or registered trademarks of their respective holders.*