msg.Variant Modeling

Rethinking
Master Data Management

You know your product. msg.Variant Modeling takes care of the complexity behind AVC and turns object dependencies into code. This way, your master data gets into the system faster and the products to the market.

The speed at which master data changes has significantly increased in recent years, driven by rapidly evolving customer interests and requirements. At the same time, expectations for master data maintenance have fundamentally shifted with the introduction of SAP S/4HANA and cloud-based applications as a service. Particularly in the areas of bills of materials (BOM) and routing, erroneous data management can lead to significant costs and greatly impact customer satisfaction through delivery delays.

Maintaining the rule sets in the SAP standard requires specific programming knowledge. Therefore, this task is often outsourced to the IT department. However, detailed product knowledge is typically available in the line of business. The separation of domain expertise and master data maintenance tends to lead to various challenges in practice.

Time: Due to the necessary collaboration of multiple departments, it often takes a long time for many customers to have the master data for a product entered or updated in the system.

Quality: The fact that the rules and regulations are programmed it is difficult for the line of business to check them, which leads to errors and thus costs.

Effort: The programming of rule sets, including testing, is time-consuming and requires resources.

With msg.Variant Modeling, we have developed an innovative approach to effectively address the challenges related to maintaining object dependencies in all areas.

Our solution simplifies master data maintenance for the line of business, significantly streamlines the implementation of configuration data, thus preventing errors and unnecessary delays.

The key benefits for your company:

- Data maintenance in the line of business - no specific configuration expertise required
- Acceleration of master data maintenance
- Cloud-native development, easily and securely deployable
- Implemetation and maintenance of object dependencies in a modern no-code modeling environment

value – inspired by people

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Features:

- Control functions are managed and modified through a central Fiori app and can be utilized for all areas of configuration.
- Master data modeling can be performed in the Variant Configuration area without any knowledge of syntax rules (No-Code Modeling).
- Relationship knowledge created by msg.Variant Modeling exclusively leverages SAP standard functions, allowing the maintained master data to be used without limitations in all SAP follow-up processes.
- Existing object dependencies can be viewed and changed in the modeling interface through an expert mode.
- It is a Software as a Service (SaaS) solution that can be quickly and easily deployed via the SAP Business Technology Platform (SAP BTP).
- The latest features of Advanced Variant Configuration (AVC) are utilized in generating object dependencies.

In summary:

- Significant reduction in support efforts
- Substantial time savings in product creation
- Markedly reduced consulting efforts in the introduction of variant configuration
- Release security through full integration in SAP standard
- Rule sets readable by anyone
- No developer syntax
- Optimized for use in AVC
- Availability via SAP BTP

msg.Variant

The industry-neutral solution **msg.Variant** includes various modules and packages that allow you to optimize the SAP standard.

msg.Variant Modeling
Easy data maintenance in the business unit with a cloud-based no-code modeling environment.

msg.Variant Master Data
Accelerated master data maintenance, fully integrated into the SAP standard.

msg.Variant Create
Automated creation of material variants.

msg.Variant CoFE
Simplified sales configuration with an intuitive, modern user interface for your digitized sales process.

msg.Variant Calculation
Cost and time savings through simplified processes.

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