

# ProConfiguration

## SAP Solution – PLM Configuration Manager



### PRODUCT FACTS

ProConfiguration enables the definition and mapping of a comprehensive PLM data model. Product lifecycles, processes and scenarios can be completely set up for all PLM objects. The intuitive user interface allows a simple and clear presentation of the product configurations and their historical states.

### Functions

- Definition of comprehensive PLM data models
  - Mapping of configuration types
    - Based on SAP standard objects: Material master, material BOM, document, document structure, work and inspection plans, master recipe, workplace, production versions, QM info records, purchasing info record, purchasing order book, purchase order item
    - Based on the SAP standard organizational units: Client, plant, sales line
  - Definition of part families
- Definition of product lifecycles and processes
  - Based on the SAP standard object status
  - Mapping of defined change processes for object handling
    - Major and minor changes
    - Material changes
    - Changes within part families
    - Phase out / follow-up material
    - Refuse changes
    - Mass changes: Exchange, replace and update documents and their uses
- Object handling in the processes
  - Automatic and interactive control of the object creation and modification of the data model
  - Automatic creation of objects and data models in the background, e.g. for integration into product cloning processes
- Management of product configurations
  - Mapping of historical configuration states via the integrated integration of SAP engineering change management
  - Automatic and interactive revision / validity assignment in the data model via defined processes in the respective organizational units
    - Material revision / plant revision
    - Integration into SAP logistics processes
- Provide rule-based data consistency
  - Dependencies between objects in the data model
  - Check rules in the product structure
  - Definition of changeability of objects in relation to lifecycle and engineering change management

### Technology

- Based ProFramework
- Extensive development and configuration of cross-object, modular applications possible
- First-class user experience independent of UI technology

### User interface

- Representation of the configuration states
  - About various validity options
  - Objects and states in the data model across all organizational units
- Maintenance of configuration and objects
  - Start of processes and object handling
  - Branch to the object maintenance functions
  - Validity assignment and change
- Manage multi use documents with the Pro-Configuration mvD Monitor
  - Evaluation and maintenance interface for mass changes of documents / usages
  - Administration tools and functions

## Advantages

- The data model is completely based on SAP standard objects, so the application will be compatible for future SAP releases
- Globally valid as well as organisation-specific data and processes and their interdependencies are supported
- Sustainable data quality thanks to standardized data model and defined rules and dependencies
- Historical states can be reproduced exactly at any time

## Properties

- Customizing environment for extensive configuration
- Integration with other ProNovia products possible
- Business add-ins for implementing customer-specific functions and interfaces
- Delivered GUI language support in German, English and French
- Detailed documentation in German and English

- Authorization objects for integration into the SAP authorization concept

## Optional extensions

- For the handling of CAD objects
  - ProIntegrationLib
- For the output of defined product configurations
  - ProBaseline
- For the integrated management of change documentation
  - ProChangeDoc

## Licence option

- Support for the organizational units plant and sales organisation
  - ProConfigurationLogistic

## PRIMARY FUNCTIONS

With ProConfiguration, you can define and display comprehensive PLM data models with just a few clicks. Thanks to dependency definitions between the PLM objects within the data model, consistent maintenance, checking and release is guaranteed at all times.

- Mapping of configuration types
- Mapping of change processes
- Automatic control of the object creation
- Management of product configurations
- Definition of product lifecycles
- Rule-based data consistency assurance

Are you looking for a solution to optimally define and map PLM data models with little effort? Then use ProConfiguration. With this product you can easily define product lifecycles and processes. At the same time, you benefit from a very clear presentation, which makes working with PLM objects even easier.

