

# ProIntegrationLib

## SAP Solution – PLM Integration Library



### Functions

- Definition of CAx objects, object relationships and their properties via customizing
- Automatic creation and modification of CAx objects via defined scenarios
- Automatic maintenance and creation of CAx relevant data and structures
- Full support of the SAP CAx interface (SAP ECTR)
- Functions for CAx documents
  - Creation
  - Linking
  - Versioning
- RFC-enabled BAPI library for integrating external systems
  - Check document usable / insertable in ProConfiguration data model
  - Determine the change number of the current change
  - Insert document into ProConfiguration data model

### User interface

- Existing PDM / SAP ECTR interface for handling CAx objects
- Integration of CAx objects into the ProConfiguration user interface
  - Clear representation of the configuration states
  - Maintenance of configuration and objects
- Administration tools and functions

### Advantages

- Support of the design methodology
- Standardised processes for managing CAx objects
- Integration of CAx objects into a comprehensive and consistent PLM data model
- Defined CAx object properties and relationships

### PRODUCT FACTS

ProIntegrationLib allows the consistent administration of CAx/PDM objects in the ProConfiguration data model. Depending on the selected CAx integration scenario, the CAx-specific objects can be created and changed. Depending on the CAx system used, the CAx objects can be mapped in the data model on the basis of a standardised design methodology.

## Properties

- Predefined templates for the integration of
  - Autodesk Inventor
  - Dassault Systems CATIA
  - Dassault Systems SolidWorks
  - Siemens NX
- 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

## Prerequisite

- ProConfiguration

## PRIMARY FUNCTIONS

ProIntegrationLib gives you the tools to stringently manage CAx/PDM objects in the ProConfiguration data model. This enables the mapping of a uniform design methodology such as raw/finished part relationships, installation states, CAx auxiliary structures, etc.

- Automatic modification of CAx objects
- Clear representation of the configuration states
- Administrative tools
- Handling of structural conflicts
- Establishment of structural relationships
- RFC-enabled BAPI library for integrating external systems

You want to consistently manage CAx objects and their object relationships in the PLM data model? The best tool for this challenge is ProIntegrationLib. This SAP solution offers various functions to manage CAx objects in a process-oriented and integrated manner in the PLM data model.



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