XPLM

RENgo for CATIA V5

Introduction and Overview

XPLM offers a wide spectrum of PLM integrations for mechanical, electronic and electrical CAD systems, as well as integrations for software, documents and item management.

With RENgo for CATIA V5, XPLM supports CATIA design engineers in their work, with naming conventions in complex CAD structures. The tool offers a variety of possible configurations and can be adapted to your company's specific needs and challenges, fulfilling them in a timely and cost-efficient manner.

XPLM also offers unique solutions in the area of technical documentation and publishing. PLM-integrated Content Management Systems, professionally-structured templates, or tools to convert XML to MS-Word, all make daily work in technical publishing much easier.

Functions and Key Benefits

❯ Checking of assemblies for internal or user-specific naming conventions

❯ Renaming of assemblies after the naming convention (taking account of data names, instance names, user properties and parameters)

❯ Export and Import of CATIA product structures, links, attributes, parameters and user properties (E.g. As part lists or in XML metadata)

❯ Conversion of name formats (insertion of new names, deletion of old and also newly-formatted, existing name fields)

❯ XML interface with xml-based, evaluable control files (even templates), and xml-based data files for the input and output of attributes and complex product structures.

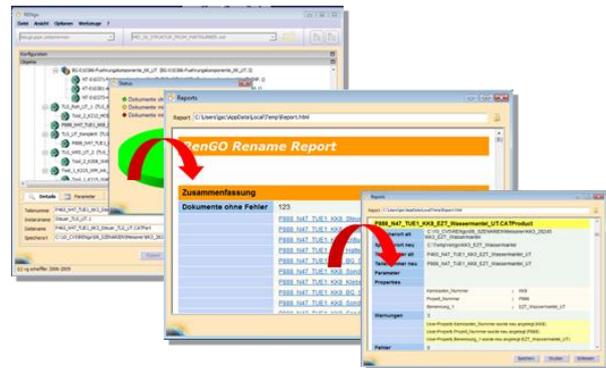❯ Batch XML interface for automation and integration in processes.

Highlights

Data-model Management

❯ CATIA-integrated, comfortable, graphic user-interface

❯ XML-based definition of naming conventions, which are used for checks and renaming

❯ Separation of names in fields with properties (E.g. the number of characters and character filter)

❯ Allocation of name fields or parameters

❯ Import of existing directory structures

❯ Exception handling for standard parts and other special documents

❯ Generation of neutral formats

❯ Toolbar from RENgo can be integrated into any CATIA environment.

Advantages

Secure your naming conventions with regular, automated checks (customer satisfaction)

Save time and improve the reliability of name changes, such as with the derivation of a new construction.

User Interface

About XPLM

XPLM is a growing, independent IT service provider in Germany, with branches in Switzerland and the USA. XPLM develops integration solutions between leading PLM-, MCAD-, ECAD-, SysML-, ERP-, DMU-, Office- and data-exchange applications. Our service portfolio ranges from the analysis and definition of PDM/PLM integrations and business processes, to the planning and performance of integrations, data-migration, training and operational support.