DSC Software AG | PRODUCT LIFECYCLE MANAGEMENT

SAP Engineering Control Center – the integration platform for SAP PLM

Pipeline of possibilities

PLM, PDM and PEP are becoming more and more complex – just think of systems engineering or IoT. At the same time, the speed of innovation and the degree of individualization are increasing. If you can act fast, efficiently, and flexibly, you have a clear advantage. And everything you need for this you can get from the integration platform SAP Engineering Control Center from DSC.

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The idea: a central system for product data and processes. For this, SAP ECTR integrates any authoring system from MCAD/ECAD to MS Office in SAP PLM – including over direct interfaces such as SAP ECTR interface to NX, SAP ECTR interface to ECAD, and many others. This gives you all sorts of advantages.

Easier data handling

You can store all kinds of documents centrally and without redundancy, and classify them according to your requirements. They are then consistent throughout the company and always quickly accessible. They can also be logically linked: either with each other or with other SAP objects such as material, equipment, functional location, etc. This makes interdependencies visible. Besides all this, the processing and change states are always transparent. For the status network SAP ECTR informs you about the level of maturity of each document, and the Change Management function controls versions and validities, and documents the history. A perfect overview and simple handling are guaranteed by the intuitive SAP cockpit. There you can retrieve data at the push of a button, manage it easily, and organize it individually.

Simpler team engineering

Whether multi-CAD or mechatronics: with system support, all product data is synchronized and harmonized by workflow and change management – across CAD systems, engineering disciplines and development sites. Thus in the SAP cockpit, development teams constantly have an up-to-date overall view of the project, product structures, and work progress. Moreover, data can easily be exchanged e.g., for MCAD-ECAD collision checks. All this minimizes sources of error, makes compliance risks visible early, and speeds up coordination. Help is also provided by the built-in

2D/3D viewer, with which you can visualize models and drawings fast and easily without a CAD system.

More efficient product processes

With SAP ECTR, you can largely configure your PLM system yourself and assign product data to your processes selectively. Procedures can then easily be standardized, automated, globally interlinked, and intelligently supported. A lot of the product creation process then runs independently: the consolidation of data for design releases, derivation of BOMs for purchasing, the generation of production folders for the factory, assembling of product files for QA/QM etc. CAM systems can be supplied with data. NC programs delivered to the machine, the required automatically provided, etc.

Cleverly used potential

An oil producer who develops his own equipment uses SAP ECTR for maintenance too. He collects plant data in engineering asset records and links it to the functional-location hierarchy. This produces a digital twin of the physical plant, with which real facts can be virtually evaluated and verified: as a basis for optimizing the operational efficiency and plant availability.

Tailor-made solutions

Whatever your desired solution looks like: with SAP ECTR, nearly everything is possible. Thanks also to demand-oriented add-ons – for CAM integration, tool data and lifecycle management, production planning, shop-floor connection, infrastructure optimization, and much, much more. Would you like to see it? Then just call us or write to us.

SAP Platinum Partner

DSC
Fascination with Integration

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