

Seamless CAD integration between EPLAN® and 3DEXPERIENCE®



3DEXPERIENCE® as global PLM enterprise platform

FLSmidth drives for a long term objective of having one global enterprise platform for Product Lifecycle Management (PLM) and they have chosen 3DEXPERIENCE® solution from Dassault Systèmes to achieve that.

- Increasing operational efficiency is one of their core targets, in turns
 - Increase quality of product data during all project phases
 - Decrease engineering time by automation and integration
 - Increase project efficiency by traceable hand-overs

Also, the legacy systems are out of date, no longer supported, or not supporting new business requirements.

EPLAN® to manage the Electrical Engineering Projects

EPLAN® is a widely used engineering design tool to manage projects by Electrical departments across various business units and it requires a seamless integration and collaboration with their Enterprise PLM tool to generate Items & Bill of Materials for execution. By this way they will avoid redundant data entry, ensure the data integrity, change management and single source of truth.

Presently 3DEXPERIENCE® doesn't offer OOTB integration with EPLAN® and thus pushed FLSmidth to find a right and efficient way for the EPLAN® integration.

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EPLAN® integration into the 3DEXPERIENCE® platform

The need drives FLSmidth to find the right solution to solve their business requirements in a more reliable and efficient way, so they have explored various options.

And FLSmidth was very keen to have a robust integration that works seamless with their existing data model and data structure without doing an extensive development, customization and configuration.

Why did FLSmidth choose DataSolid ?

„After a comprehensive analysis, DataSolid's proven and working solution convinced us, because it is very close to our business requirements and is indeed user-friendly and intuitive“, said Manigandan Shanmugam, responsible Project Manager. „Throughout the course of the development and implementation of the solution, the cooperation between DataSolid and FLSmidth was remarkable and appreciative.“

FLSmidth was particularly impressed by DataSolid's in-depth knowledge and know-how - both in the EPLAN® area and with regard to the 3DEXPERIENCE® solution - which paved the way for a successful implementation. Also the professional approach and understanding of their business requirements during the different phases of the project.

Next steps

Group Business Solution in FLSmidth is responsible for global enterprise PLM rollout and drives the plan as per Group management direction and business unit requirements.

Using DataSolid's CAD integration, FLSmidth had their first integration implementation between EPLAN® and 3DEXPERIENCE® at FLSmidth Ventomatic, Italy and business Go-live is planned during winter 2017. Followed by FLSmidth Pfister, India in New Year 2018 as part of the 3DEXPERIENCE® rollout.

It is planned to have more rollouts in coming years across their organization and business units globally which will have the similar needs and engagement with DataSolid also on several other subjects.

Both parties are looking forward for continued association.

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FLSmidth & Co. A/S

FLSmidth is a leading supplier of equipment and services to the global cement and minerals industries. FLSmidth supplies everything from single machinery to complete cement plants and minerals processing facilities including services before, during and after the construction.

FLSmidth specializes in world-class products, facilities and systems, backed by tailored consultancy and support services. Our wealth of knowledge and resources means that we are able to provide one source solutions for even the most challenging requirements, worldwide.

FLSmidth invests heavily in developing new solutions to meet the important future energy and emissions challenges of our customers.

For more information on FLSmidth & Co. A/S visit www.flsmidth.com

DataSolid GmbH

DataSolid GmbH is one of the few German software companies that are financially and operationally independent.

The company has more than 150 years of industry know-how and is engaged in the development and sale of CAD software for all areas of mechanical design in 2D and 3D. The *CADdy++ Mechanical Design* solution is represented by more than 100,000 installations worldwide.

Powerful PLM solutions for the process data and electronic documents management as well as CAM and FEM software solutions complete the product portfolio.

DataSolid GmbH is a certified Dassault Systemes PLM Partner with a large number of certified sales partners nationally and internationally.

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