Complete PLM solution in ELAPHE

Elaphe d.o.o. from Ljubljana, Slovenia develops and manufactures electric motors for in-wheel installation and all necessary additional electronics (inverter, PCU,…). The company was founded in 2006 and currently employs over 100 people..

Elaphe solutions are intended for anyone who needs an efficient and lightweight propulsion system. The main product of the company is the in-wheel engine, which together with the powertrain developed in the company itself, enables a whole new dimension of driving.

Strong self-development with more than 20 years of tradition, with an effective prototyping process with all key test phases prior to production, is one of the company's major strengths. Elaphe works with a large number of partners from different industries.

In their work Elaphe relies on the solutions of **Dassault Systemes** and the accompanying services of **HT-Eurep**, Dassault Systemes dealers and partners in Slovenia and Croatia.

For the construction, analysis and NC manufacturing process, Elaphe uses **CATIA, SOLIDWORKS, SIMULIA Abaqus** and **DELMIA** software tools.

And when Elaphe decided to respond to the challenges posed by the increase in the number of projects and the increasing complexity of the product with the introduction of the PLM system, the choice, after a thorough evaluation, fell upon ENOVIA SmarTeam.

In addition to the ease of use and flexibility of the system, the requirements that were set before the PLM system were the parallel management of SOLIDWORKS and CATIA CAD data and their integration into the company's business system, that is, the integration with the GoSoft ERP system used by Elaphe.

Utilizing the openness of CATIA, SOLIDWORKS, and especially the ENOVIA SmarTeam package, HT-Eurep adapted its **GoSoft Connector** to Elaphe needs during implementation, automating numerous processes, from synchronizing data to PLM and ERP systems, opening and editing GoSoft items directly from CAD or PLM applications, creating components (BOM - Bill Of Material) and their automatic printing in drafts, up to saving 2D and 3D documentation in PDF and STEP formats in the ERP system.

Mitja Dolenc, Project Manager for PLM Deployment in Elaphe, says of the collaboration with Dassault Systemes and HT-Eurep: "We are extremely pleased with Dassault Systemes solutions (CATIA, SOLIDWORKS, Abaqus, DELMIA and ENOVIA SmarTeam) because they bring us the powerful, effective tools that we need in our daily work. As our products and processes are specific and very demanding, they require certain adjustments and additional functionalities of the system, for which we can rely on our partner, HT-Eurep, to always provide them to us expertly and in a short time. "

MORE INFORMATION:

in-wheel.com
3ds.com
hteurep.hr
hteurep.si