

Silent Yachts Trading GmbH enriches its development department with ECAD-PORT GmbH's fullservice component database hosting

Silent Yachts Trading GmbH develops innovative solar-powered yachts with unlimited range that can cross the Atlantic with virtually no maintenance and zero emissions. Headquartered in Austria, the yachts are manufactured in the production yards in Italy and Turkey by engineers with many years of experience. As the market leader, Silent Yachts has a production area of 125,000 square meters equipped with state-of-the-art technology.



The company implemented the E3.series design software from Zuken to develop the electrical components and circuit diagrams for its solar-powered yachts.

Since the beginning of 2023, Silent Yachts has been working fully with ECAD-PORT GmbH and uses their comprehensive database service to obtain not only all the necessary components, but also all the necessary specifications and information for creating circuit diagrams in a cost-effective and standardized ECAD component database.

Implementation of the intelligent database service from ECAD-PORT GmbH

There was no existing standard for components or their specifications when E3.series was implemented. Silent Yachts was faced with the task of creating and defining all the standards for the electrical components used in their solar-powered yachts themselves in order to implement them in E3, or to enrich their development department with an intelligent database service.

"To focus on our company's core business, we do not want to be involved in the development and design of components and their standards.

Developing our own component standard takes time, which is why we rely on the standard from ECAD-PORT, which supports all the functionalities of E3 with its autorouting-capable components. By using the fullservice component database, we are faster, more cost-effective, and less prone to errors thanks to E3's testing mechanisms," says Jonas Bareiss, Electrical Drive Team Leader at Silent Yachts Trading GmbH.

For reasons of time, cost and expertise, the full database service of ECAD-PORT GmbH was adapted 1:1.

Silent Yachts independently orders all the required components in an Excel/CSV spreadsheet via the customer's SharePoint and promptly receives the new components and their specifications for the circuit diagram creation and visualization of the control cabinet assembly promptly via the SharePoint. Silent Yachts imports the new components via an incremental database.

Silent Yachts has expanded due to this optimization and simultaneously created new requirements.

ECAD-PORT now handles all mass data maintenance.

Previously, there was no ERP connection to the customer's own article numbers. With fullservice database hosting, Silent Yachts receives a list of all ordered components. At the same time, the customer's own article numbers are synchronized with the inventory and subsequently integrated into the database.

Energy efficiency effect: Thanks to the increased performance, Silent Yachts no longer needs to concern itself with the standard of components. Orders placed today will be delivered tomorrow.

The process runs smoothly and always within the agreement.