

Live ERP system within six weeks – with combined efforts and despite shutdown

New implementation of Microsoft Dynamics 365 Finance and Supply Chain Management

Trainvac GmbH is a fast-growing company based in Wedel, Germany, founded in 2019. The experienced team focuses on the development and integration of innovative modules and solutions for sanitary systems in rail vehicle construction.

Trainvac has chosen Dynamics 365 Finance and Supply Chain Management as its ERP system. Their mid-term goal is to fully establish their processes with Dynamics 365, but in appropriate steps in line with their own growth. Sven Mahn IT was entrusted with the implementation of the system including the integration of Bluestar PLM.

The implementation project started on March 23rd, 2020, initially with the mapping of the core processes procurement, finance and especially engineering. A challenge was the request for an extremely short duration of the project. In addition to that the project started with the beginning of the COVID-19 shutdowns.



Apart from this timeframe, the project was characterized by the manageability of the initial project scope. The commitment was to use the Dynamics 365 standard process as a blueprint. And the project also benefited from the advantageous precondition that it was possible to design on a green field without having to consider legacy systems.



Due to growing number of not yet fully known requirements and the necessity to create a fundamental value already with the first go-live, Trainvac and Sven Mahn IT

decided to go for an agile project approach. There was no up-stream analysis phase, instead a minimum viable product was to be provided after only three sprints.

With the help of SMIT RapidKit, a newly developed tool by Sven Mahn IT for fast configuration and implementation, the finance processes could be used practically out of the box. This was followed by the procurement processes for the procurement and storage of prototypes and their parts regarding production and project management as well as the engineering processes.

“From the very beginning, we wanted to introduce a system that would fully support us in meeting the requirements of our customers, and not start with a compromise. Even if we don’t need all the functionalities today, we are well prepared for the future. With Sven Mahn IT we have a competent partner in this regard, with whom we were able to configure the first necessary modules in the shortest possible time. Learning by doing at its best.”

Annett Kugel, Finance Manager Trainvac

In order to maintain the high pace, two hours a day have been scheduled for setup and online training or workshops. The project was also supported by the consistent utilization of the collaborative development platform Azure DevOps, which was used, among others, for extensive testing and documentation.



On April 30th, only six weeks after the start of the project, the system went live in a version usable for the customer to the extent planned: The processes for finance, procurement and engineering were mapped, and the warehouse was also implemented in a rudimentary form. Bluestar PLM was connected and all processes were prepared and set up for intercompany structures.

This fast and successful go-live was not only made possible by the experience of the implementation specialists and the tools being used.

“We delivered the minimum viable product not for, but with the customer. The Trainvac team’s contribution to the tests and the smooth procedure was significant. Within six weeks to the desired go-live, in a time of shutdown. This deserves respect for our employees, but especially for those of Trainvac, who were at the same time in a start-up phase of the business model.”

Sven Mahn, CEO Sven Mahn IT

In this successful cooperation, the implementation of Dynamics 365 Finance and Supply Chain Management will be continued. In the upcoming weeks, the processes which Trainvac needs to be digital and efficient next will be implemented.



Sven Mahn IT will accompany Trainvac in its business growth and support the increasing requirements with always up-to-date Dynamics 365 processes. Thus, Trainvac will constantly remain technologically state-of-the-art in administration. The successive approach ensures that growth is considered without creating unnecessary administrative procedures.

The Dynamics 365 standard process will continue to serve as a template for the customer process. In this way, budget and schedule can continue to be optimally met.