

SAP Cloud as the key to digital transformation

Production and design of specialized off-road vehicles



Situation

- The company Torsus Slovakia, s. r. o. in Horné Srnie needed to implement a new, reliable and secure ERP system with the perspective of supporting the company's growth in the future of international trade. For the needs of managing business, construction and economic processes, the company decided to implement SAP S/4HANA Cloud, Public Edition.
- The TORSUS brand is the flagship of the Pulsar Expo company. TORSUS is currently the most durable off-road bus in the world that can be used in very demanding environments.

Challenges

- Define, prepare and present to the customer Scope Items for end-to-end processes.
- Respond flexibly to changes in the ambitious project implementation schedule caused by the change of architecture from 2-level to 3-level directly during the ongoing implementation.
- The SolidWorks construction system contains the source information of the design, bill of materials, working construction procedures. Therefore, the know-how of the company was extremely important, and it was essential to integrate the PDM server, on which the SolidWorks design system is located, with the cloud environment SAP S/4H Cloud, Public Edition.

Solution

- Pulsar Expo is a world leader in the production, supply and implementation of special purpose vehicles and engineering services for global government and private organizations. Therefore, they consider a reliable cloud IS as a key tool accompanying their growth and transformation.
- SAP S/4HANA Cloud, Public Edition provides support for effective management of finance, logistics, quality, purchasing, production, construction process and sales.
- The production system used by the customer is make to order – a completion/assembly process tied to a sales order.
- They execute sales orders in small series, or even just a few pieces of unique specialized TORSUS PRAETORIAN and TORSUS TERRASTORM vehicles with service in external certified MAN service centers.

Benefits

- Transition to a secure, reliable and scalable cloud platform accessible anywhere, which ensures the running of everyday business processes.
- All processes in one integrated CAD-ERP-BI environment.
- Efficient processing of statements and online preview of financial reports.

Future plans and solution development

- Proposal for the production method of co- and by-products.

Project highlight

- When the customer team, with the help of consultants, migrated part of the data, modified the standard test scenarios and performed the tests. That's when the entire horizon of how their business processes can be "embedded" in the Best Practices processes offered by SAP opened up for them.



Industry

Automotive

LoB

Development and construction, purchase, assembly and production, sales and services

Customer

Torsus Slovakia, s. r. o.

Seat

Horné Srnie, Slovakia

Products and services

Development, design, purchase, modification of components, assembly, construction and sale of specialized vehicles

Number of employees

>50 (2023)

System environment

- SAP S/4HANA Cloud, Public Edition

Project duration

6/2022-5/2023

Reference

Nikolas Uhrin – Individual managing director
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