

CUSTOMER REFERENCE CASE

VAK Oy: Maximizing Time-to-Value with Tacton



Company Overview

VAK Oy was established in 1972 in Finland. VAK Oy is one of the largest transport equipment manufacturers in the Nordics. It is a full-service company that also offers maintenance and rental service. Today, the company is a market leader of temperature-controlled transport equipment solutions in Finland.

The Challenge

Finland-based VAK specializes in developing heavy transportation equipment, typically trailers for heavy trucks. VAK's products appear to be similar, but they are typically customized for each customer, so both design and the need for components in the products are always changing. VAK's assemblies can include up to almost 1,000 individual parts and matching them to ensure that they fit together is virtually impossible without using 3D CAD.

The Solution

To modernize its design process, VAK Oy implemented Tacton Design Automation, integrated with SolidWorks. This solution automated routine design tasks, delivering significant time savings and reducing design errors, and enabling product integration and modularization through 3D modeling. Additionally, the integration allowed VAK to assess the functionality of new products early in the design phase.

Key components of the implementation included:



Design Task Automation

Repetitive and time-consuming design work was automated in order to accelerate the engineering process and reduce manual errors.



Integration with SolidWorks

Enabled 3D modeling, allowing engineers to visualize and validate designs more effectively during early development stages.



Modular Design & Early Validation

Improved product flexibility and reducing the need for late-stage design changes.

The Results

The implementation of Tacton Design Automation delivered several benefits:



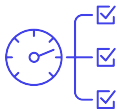
Increased Production Speed

Design automation minimized construction errors and helped modularize products, enabling last minute changes based on customer's demands when necessary.



Resource Efficiency Gains

Automated design of cargo bodies freed designers from repetitive design tasks and saved significant time.



Scalability and Consistency

Helped transfer design intent from individual designers to the company



Design Time Reduced

Parts are ready-made and fit perfectly together. VAK no longer waits for missing parts or makes engineering changes during the production phase.

Why Tacton?

Integration with External Software

Collaborating with SOLIDWORKS, allowed VAK to assess the functionality of new products already in the design phase.

Engage Stakeholders Early

Tacton is extremely attentive and quick to respond with solutions.

Delivering Exceptional Outcomes

Tacton's ability to deliver exceptional outcomes enabled the completion of key design processes in a shorter amount of time.

Conclusion

 VAK Oy's adoption of Tacton design automation streamlined standard design processes, leading to reduced design time, improved accuracy, and enabled seamless integration and modularization of VAK's products through 3D design.

Discover how Tacton Design Automation can transform your business.

[Schedule a demo today.](#)



Tacton is a leading SaaS company trusted by global manufacturers. Tacton Trusted Configuration simplifies sales for manufacturers of complex products. Tacton's founders pioneered computer-based product configuration which today powers Tacton CPQ and CAD Design Automation. It is co-headquartered in Chicago and Stockholm, with regional offices in Karlsruhe, Warsaw and Tokyo.