



**evac**  
nothing to waste

## **PLM at Evac: A digitalization journey of tremendous value**

In 2019, the global cleantech company Evac made a big shift by starting its digitalization journey. Since then, Evac has implemented a global Product Lifecycle Management system and made changes in processes and culture to bring value to everyone.

  
**PDSVISION**  
TAKE CONTROL

Evac is the world's leading provider of integrated water and waste management systems, as well as corrosion protection systems, for the marine, offshore, and building industries. The company was established in 1979 and originally offered vacuum toilets. While vacuum technology is still central for the business, today Evac is a complete cleantech solution provider and lifecycle services partner, with an offering ranging from wastewater treatment, dry and wet waste systems, freshwater treatment and seawater desalination to marine growth prevention, and corrosion protection systems.

Sustainability is the cornerstone of Evac's operations. The company develops technologies to address the increasing need for innovative cleantech solutions, driven by the megatrends of circularity, climate change, energy efficiency requirements, and increasingly scarce freshwater resources.

## At the center of everything

Evac saw digitalization as a means for placing information at the center of everything.

"It was a strategic step for the future, enabling Evac to offer new solutions and services for its customers", explained Aki Karhu, former CIO of Evac Group.

One of the focus areas is Product Lifecycle Management, PLM. All product information and metadata are managed in Windchill, enabling Evac to provide data for use downstream with integrations.

Evac also uses the PDSVISION application QA Check in process steps to improve data quality, and PDSVISION Search Portal for easy access to documentation.

***"Evac and PDSVISION have been in a fruitful partnership over 20 years. PDSVISION has been a good partner to discuss with, and to be challenged by – to find what suits us and what doesn't."***

says Aki Karhu

## Prepared for the change

Implementation of Windchill and mastering product data in one system affects all activities from product development to sales, engineering to sourcing, and from manufacturing to service.

"In a way, all product data comes from Windchill, used directly or via integrations. PLM is the foundation for our digital architecture, together with our CRM and ERP systems. It is hard to say who it doesn't affect. It is a question of culture," says Maija Casey, Solution Manager, Product Data.

The organization was prepared for the change. Personnel involved with product data gradually understood the value and power of structured product information that can be shared between systems, and the individual responsibility that it entails. "Naturally, management support was crucial. The management understood the value of product data for the company. This investment helps us to meet our growth targets for the coming years," says Maija Casey.

## A solid foundation and enabler

At Evac Windchill is seen as an enabler and a solid foundation with centralized data, coupled with solid processes. With the help of PDSVISION it took Evac around 8 months to first implement Windchill as the master of product data management, followed by work to further review the processes, clean legacy data, and enhance data content.

“Now the foundation is set, and cultural changes have started. The next step is to take it even further and go more into detail. We want to add more digital processes and bring more value to and improve our customers experience,” says Maija Casey.

## Prioritize activities that bring value

PLM system brings adds value to Evac customers as well.

“Engineering and R&D can focus on customer requests. Sales, after-sales, and technical support can give customers correct information about their products with less effort. This leads to a better customer experience. Improving data quality over the product life cycle also enables new digital services for our customers,” Maija Casey says.

Evac’s experience attests that it takes effort to build a digital world, adjust processes and change culture - but if you prioritize correctly, it brings tremendous value to everyone.

## The Evac collaboration

*PDSVISION has implemented the following at Evac:*

- **PTC Creo Parametric** for 3D design/2D drawing/analysis
- **PTC Windchill** as a hub for Product Data Management and Product Life-cycle Management
- **Signifikant** for wear and spare part management within aftermarket
- **PDSVISION Search** for distribution of product data to various stakeholders from procurement to production
- and other **PDSVISION applications**

## This is Evac

- Evac is the world’s leading provider of integrated water and waste management systems, as well as corrosion protection systems, for the marine, offshore, and building industries.
- Established in 1979
- The company HQ is located in Espoo
- Employs approx. 500 people



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**Industry**  
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**Employees**  
Approx. 500

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