



Founded in 2012, Flying Whales aims at revolutionizing the airship to provide a high-capacity transportation solution that is both more environmentally friendly and more economical. As a pioneer in the transportation of wood and large industrial parts in landlocked regions, the French company chose Dassault Systèmes' 3DEXPERIENCE® cloud-based technology platform to carry out this large-scale project.

## FLYING WHALES

- **Number of employees:** 150
- **Website:** <https://www.flying-whales.com/>
- **Industry:** Aerospace & defense



**Nicolas Weisse**  
Overall Airship Design Leader

"We are managing a project based on innovation. To succeed, we needed one single collaborative system to simulate the behavior of the airship and the different systems to be able to validate the design before certification, manufacturing, assembling, operating and maintaining."

# FLYING WHALES

## CHALLENGES



To support the company's growth and development of its airship, Flying Whales aims **to differentiate through innovation**. Working as a **single team** while **fostering collaboration with partners and suppliers** has been identified as the key to maximizing efficiency and **accelerating time to market**.

## SOLUTION



Using a single platform allows Flying Whales **to meet project budgets**, in relation to investors, to build an airship that **meets expected quality and safety levels**, to **meet deadlines**, to **be on the market at the right time** and to **guarantee data security**.

## BENEFIT



The company adopted the 3DEXPERIENCE® Cloud Platform to:

- **Structure development processes,**
- **Be more efficient,**
- **Optimize all phases of product development** within its ecosystem chain.