Getting the most out of more than a €300 billion annual investment in aviation R&D

From Airbus SE and The Boeing Company to Bombardier Aerospace and Embraer SA, Diehl Aviation is a preferred innovation partner of the world’s most-renowned aircraft manufacturers. So when its legacy production system was discontinued, the company needed a new, integrated solution that could go live quickly and smoothly. Diehl’s vision? A complete digital twin that connects thousands of innovation workers while eliminating engineering complexity and manufacturing delays.
By partnering with the SAP Digital Business Services organization and DSC Software AG to deploy the SAP® Engineering Control Center integration tool, Diehl Aviation has gained:

- Full representation of its digital twin to simplify processes and speed innovation
- Single, integrated engineering and production platform replacing multiple disconnected systems
- Significant time savings through seamless design and production collaboration across remote locations
- Elimination of process inefficiencies company-wide with a leaner and smaller system landscape
- Improved data quality through a standardized data structure and common data sources and formats
- Enriched design and production information thanks to embedded data and insight from the SAP ERP and SAP Product Lifecycle Management applications

Diehl Aviation connected 1,000 work locations in just four months to increase collaboration and shared insight.

“We relied 100% on SAP Digital Business Services and implementation partner DSC to meet all of our project goals on time and within budget. Our reliance paid off, and all participants pulled together and worked in sync.”

Ralf Haberbosch, CoE Programs Engineering, Diehl Aviation