



New **3DEXPERIENCE** Cloud-Ready Packages for Small & Medium Aerospace Suppliers



As major aerospace companies such as Boeing and Airbus adopt Dassault Systèmes **3DEXPERIENCE** platform, XD Innovation is committed to helping small to medium aerospace suppliers prepare for the next wave of aerospace programs.

BUSINESS CHALLENGE

- ▶ Suppliers are being hurt by a continuous decrease in defense budgets, causing a ripple effect in the SMB supply chain for downsizing and the potential exits from the market.
- ▶ Suppliers are being required to do more, with declining DOD budgets
- ▶ Many SMB suppliers would like to thrive in the advantages of PLM however they are required to limit IT expenditures and infrastructure

WHAT WE SOLVE

- ▶ XDI can help create dynamic partnering to scale and increase the SMB supplier business scope by leveraging the collaboration.
- ▶ XDI helps SMB suppliers to remain competitive with larger companies by giving them access to a single source of truth. Empowering them to remain competitive and agile as the supply chain ecosystem evolves.

BUSINESS SOLUTION

ECOSYSTEM COLLABORATION

- Collaboration with proper security and IP protection
- Access up to date information from any time and anywhere

INTEGRATED GOVERNANCE MANAGEMENT

- Centralized project information and deliverable management

COMPLETE PRODUCT DESIGN ENGINEERING SOLUTION

- Equipment/component engineering & design
- Shape and styling design
- Integrated Machining
- Sheet Metal
- Composite

PRODUCTS TO SOLVE



PLAN

(on the 3DEXPERIENCE platform)

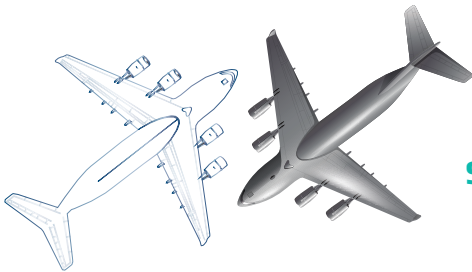
- › Single collaborative secure platform (CAD, PLM, Project Management, Business...)
- › Easy installation and deployment
- › Very low IT and maintenance cost
- › On premise or on cloud



DESIGN

(with CATIA or use SOLIDWORKS connector or V5 to V6)

- › 3D Design, sketching and modeling in real time
- › Rapid development of mechanical products
- › Combined with digital analysis and simulation
- › Integrated product development platform



SIMULATE

(with SIMULIA)

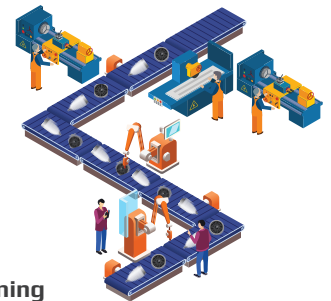
- › Reduce iterations and physical prototypes through virtual testing
- › Predict real-world behavior
- › Optimize by testing “what if scenarios” without prototypes
- › Evaluate performance, reliability, and safety of products



MANUFACTURE

(with DELMIA NC)

- › Enable creation of machining processes with part to machine
- › Dedicated cycles for Aerospace and Turbomachinery applications
- › Validate machine behavior early to mitigate errors and re-setup
- › Optimize your full design to the manufacturing process



Suppliers are going to be expected to be prepared for the new collaborative processes that OEMs will deploy through 3DEXPERIENCE platform in order to meet ever-tightening time and cost constraints of future programs. POWER'BY technology is extremely powerful in leveraging legacy tools and associated data while also positioning the supplier in a leadership position with the new application suites present in 3DEXPERIENCE platform. This will be an invaluable competitive edge for suppliers bidding on future programs.

Robert Garrison,
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