△ ALTAIR

Altair Design for Additive Manufacturing (DFAM)

Product Brief

+ Unified Modeling and Simulation platform for Additive Manufactured parts proven to achieve 40-60% mass reduction compared to conventional manufacturing processes.
+ Explore the full trade space and converge on optimal, cost, weight and performance of parts and systems.
+ Quickly analyze your baseline design defining component requirements.
+ Optimize the design using generative (topology optimization).
+ Simulate additive manufacturing process identifying part quality.

Altair Differentiators

+ Ranked 1st in Generative Design Competitive Ranking by ABI Research
+ Platform accessible through a single unit-based license model giving full access to all technologies within the tool chain.
+ Domain expertise that can be leveraged in transferring the technology and know how to customer engineering teams.
+ A detailed training regimen that includes, virtual, classroom, 1:1 and technology transfer alternatives customizable per customer.
+ DFAM processes management tool supports DoD Digital Engineering principles.
+ Altair Additve Manufacturing Consortium accelerating process automation and filling gaps defining continued improvements.

DoD/Federal/Industry Customers Include

+ USG Ground vehicle agencies
+ Land vehicle Defense Prime contractors
+ Aerospace Defense Prime contractors

DoD Problems Solved

+ Weight issues impacting mobility, survivability, and lethality.
+ Operational readiness of combat systems
+ Payload capacity limitations
+ Critical parts and systems reliability
+ DoD Digital Engineering process flow compliance
+ Maintenance cost and time
+ Mission readiness
+ Supply chain readiness