

aPriori

Aerospace & Defense

Gain design and cost insights with digital manufacturing intelligence

aPriori combines digital collaboration and actionable manufacturing intelligence to provide aerospace and defense customers with mission-critical capabilities rapidly and accurately.

Overview

aPriori's digital manufacturing simulation solution provides real-time intelligence to make product design, sourcing, proposal, and manufacturing decisions quickly and with greater accuracy.

To mitigate risk, organizations use aPriori to pinpoint product design issues early in development that can increase cost, and impact manufacturability and schedule.

With aPriori's digital factory, teams can calculate costs and run production scenarios to benchmark supplier quotes. And they can also compare contract manufacturers globally, determine in-house production requirements, and evaluate different manufacturing processes.

aPriori provides actionable insights along with collaboration, automation, and reporting for teams throughout the product development lifecycle.

Advantages

Accelerate & Collaborate

- Bid on early-stage programs with confidence using accurate cost insights (even before designs are finalized)
- Optimize early designs using automated design for excellence (DfX) and design to cost (DTC) applications
- Use model-based design and the digital thread to support broader DoD transformation efforts
- Address cost, risk, and supply chain roadblocks quickly

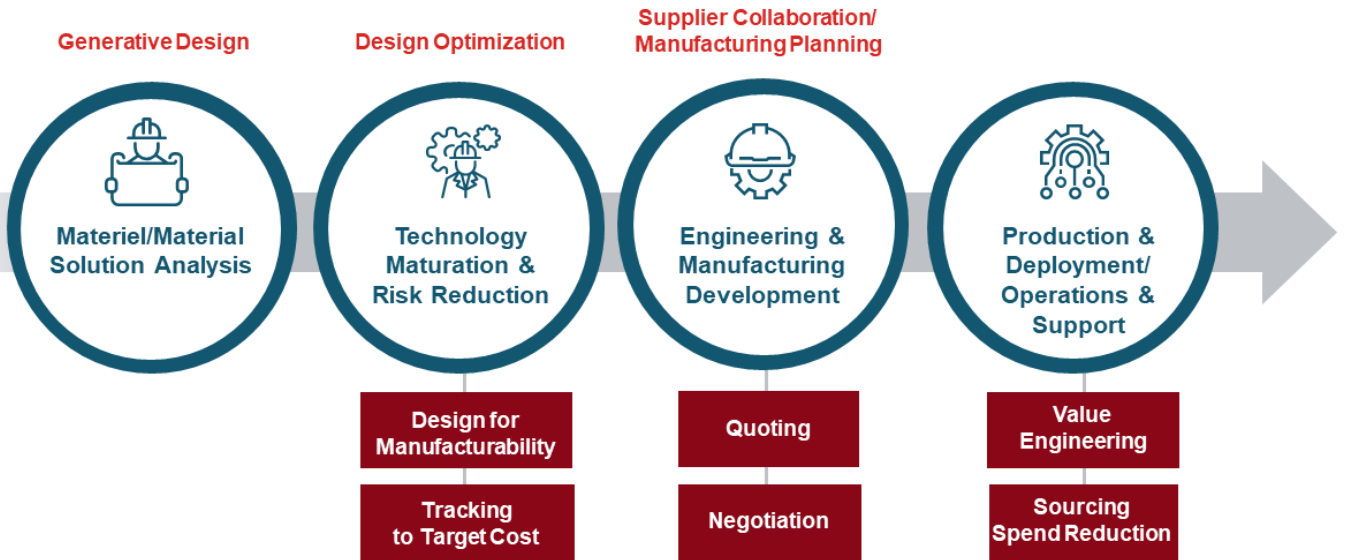
Validate & Mitigate

- Verify and validate OEM/supplier design, manufacturing, and costs – V&V TDPs
- Gain full transparency and traceability of all design/manufacturing/sourcing/procurement
- Optimize manufacturing cost and performance
- Strengthen supplier negotiations with "should cost" benchmarking

[aPriori.com](https://www.apriori.com)

Manufacturing Intelligence

We use robust digital twin product data in our digital factories to generate powerful manufacturing intelligence automatically. Teams across the product development process use aPriori insights to launch products at new levels of speed and performance.



“ After a number of manufacturers returned our design with ‘no bid’ responses, we ran the design through aPriori, which recognized the part of the design that was causing the problem....Sending the design back out to suppliers resulted in **numerous bids and a 50% cost reduction!** ”

Eyal Siryon, MCAD Technologies Team Manager, Rafael Advanced Defense Systems

Clients



See our customer reviews on [G2](#) and [Capterra](#).



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