

Satellite Manufacturer Launched with Design Insights, Then Scaled Cost Reduction

After using aPriori to successfully evaluate design, they are expanding ROI by reducing costs at scale and supporting supplier negotiations.



IN A SPECIFIC TOOLING REDESIGN PROJECT, THIS TEAM IDENTIFIED

50% REDUCED TOOLING COST

LOWER CAPITAL REQUIRED TO MOVE DESIGNS INTO PRODUCTION

The Challenge

After proving they could design, build, and launch satellites, company strategy shifted to sustained production, prioritizing cost reduction and efficiency. The team lacked a reliable way to predict costs and support sourcing decisions with data. Plus, they needed to keep catching manufacturing issues before production got too late.

“Can we build this?” was the first question aPriori answered. Now aPriori is answering a bigger question for satellite production:
“Can we build these at scale?”

The aPriori Solution

By partnering with aPriori, they succeeded to:

- Predict and quantify cost during design, giving teams a reliable way to make cost-informed decisions as production scales
- Equip sourcing teams with detailed cost models to support supplier negotiations with credible data
- Identify manufacturability issues early in the design process, preventing late-stage problems and reducing rework



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