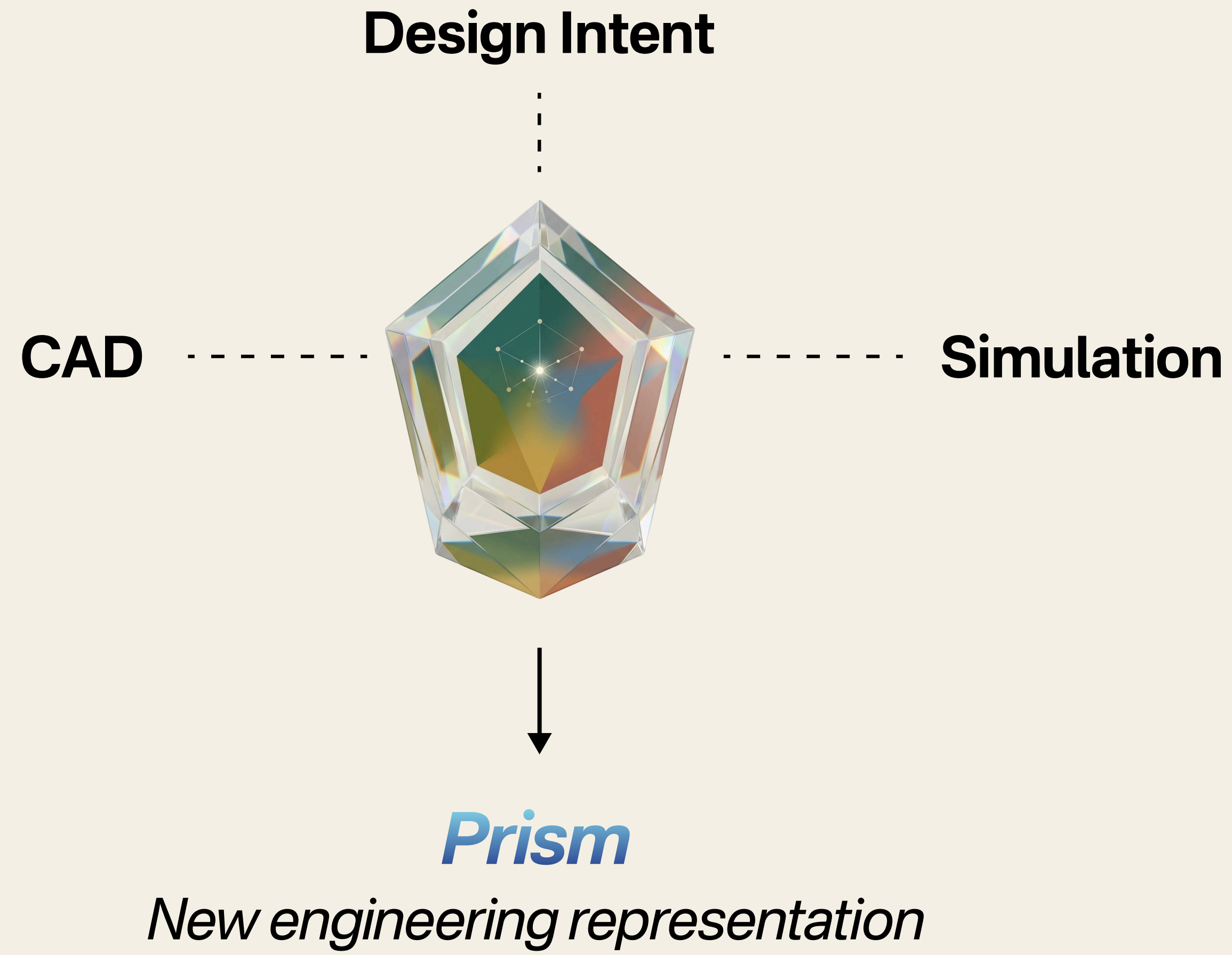


What if your CAD knew *why* it was designed?

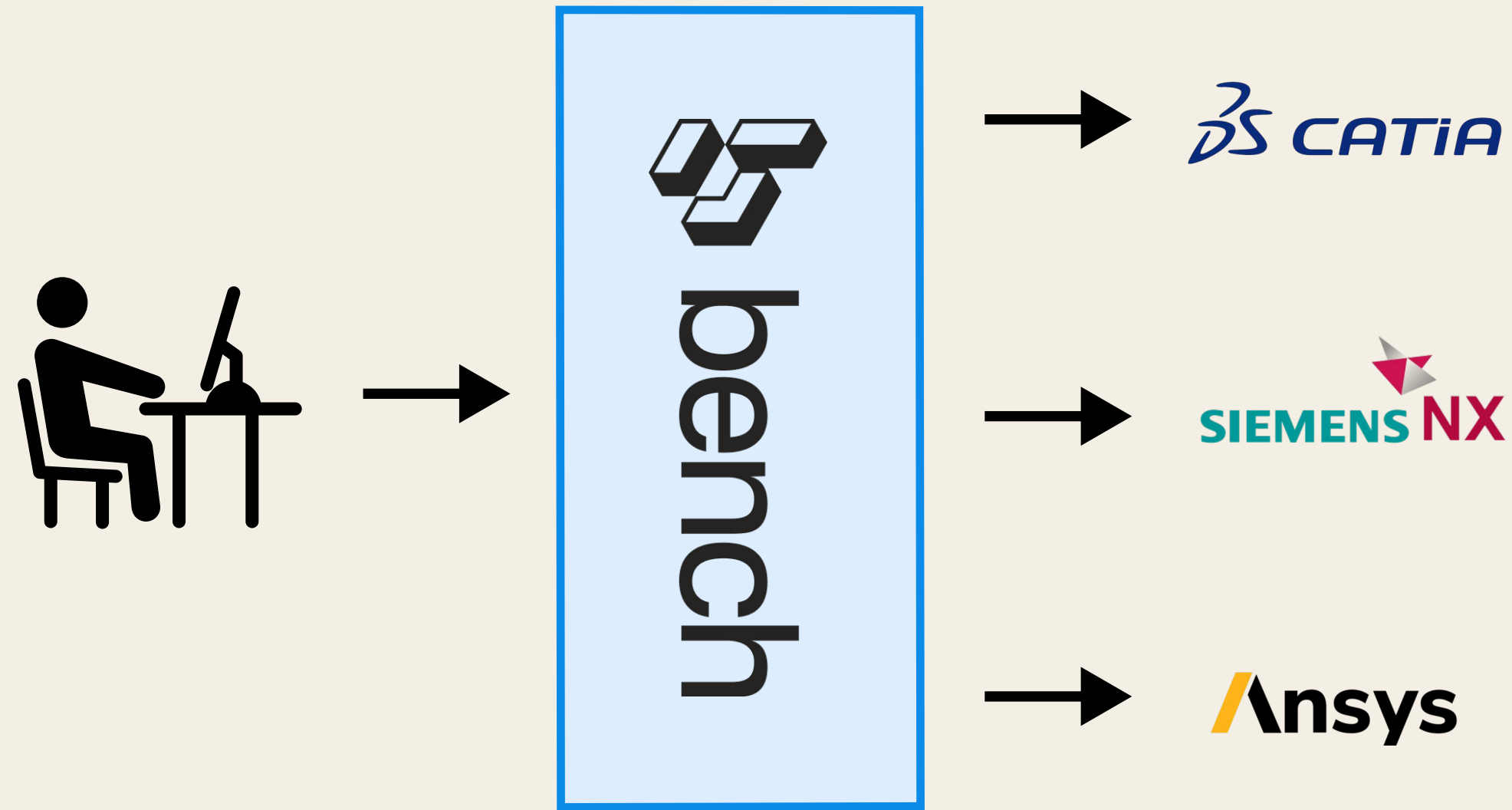
We built an engineering representation fit for AI agents.



Prism enables Bench to automate engineering execution.

With Bench

Engineers use Bench.
Bench executes tasks automatically via tools.



Automated
CAD Defeaturing → 20 min
Multiple tasks in parallel.

Today

Engineers use tools directly.
(CAD, Simulation, PLM)



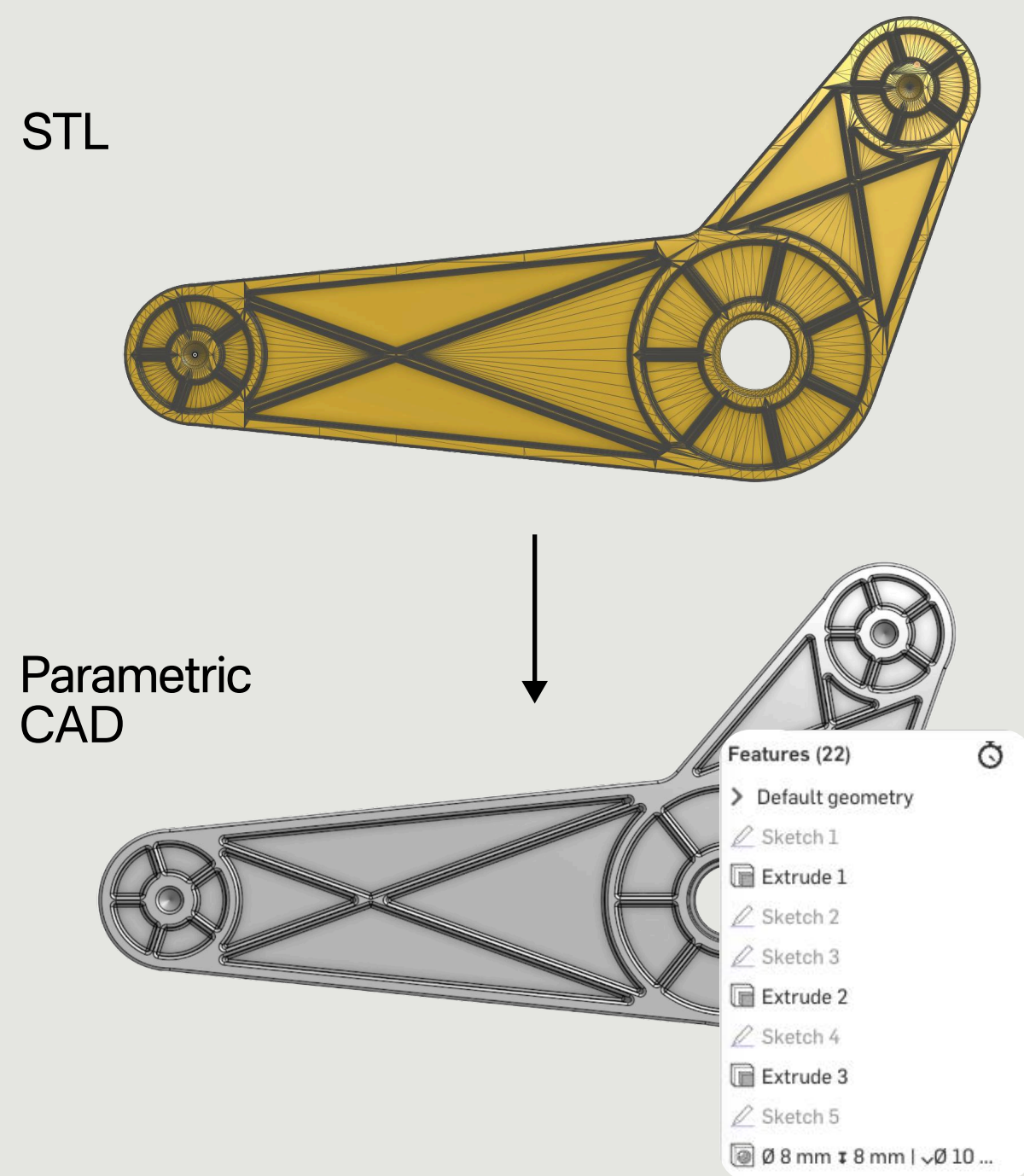
Slow
E.g. CAD Defeaturing → 5h.
One task at a time.

Bench automates previously manual tasks.

STL → CAD Redraws:

~15h → 1h

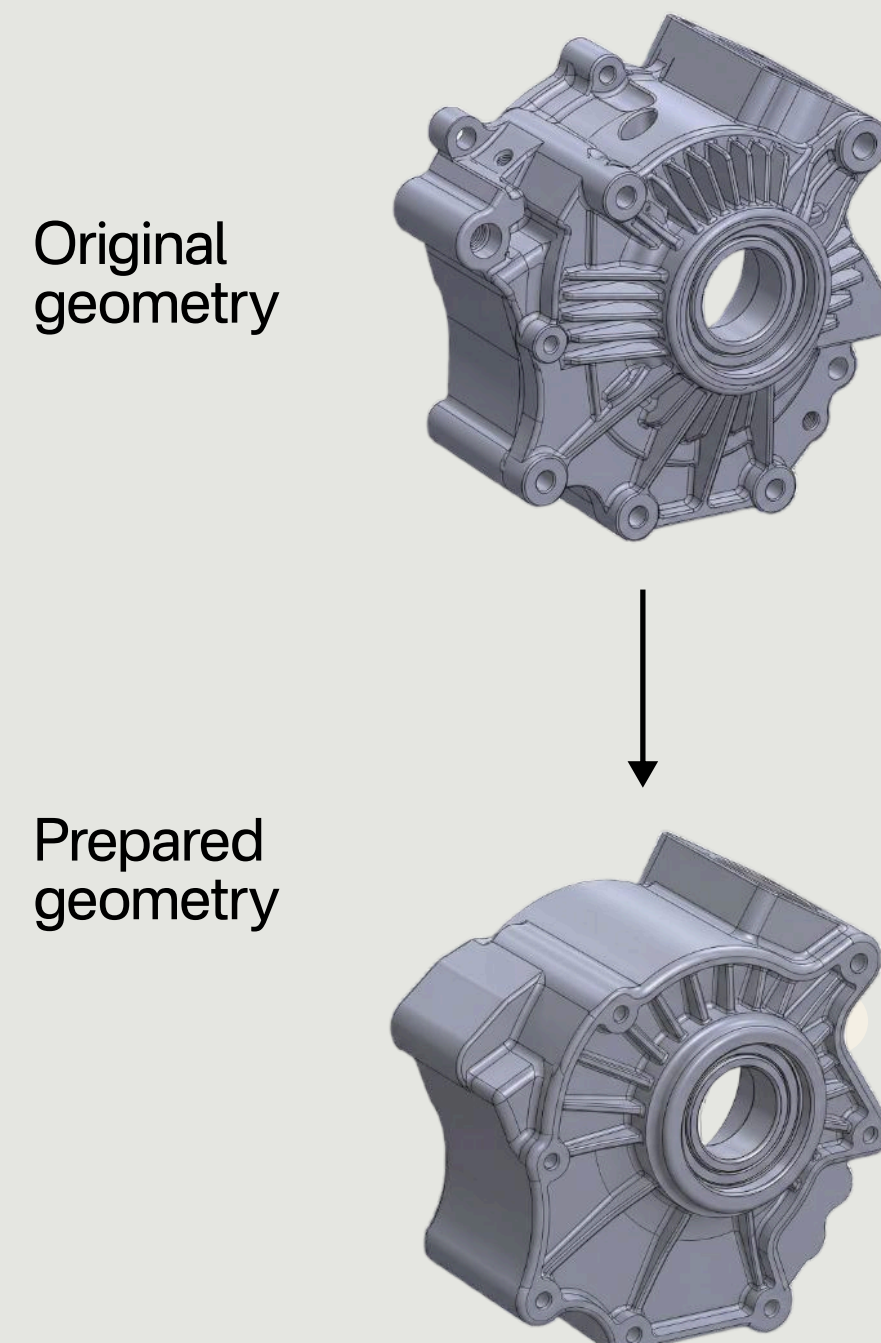
Reverse engineer meshes into parametric BREP parts with a full feature tree.



Geometry Preparation

~10h → 1h

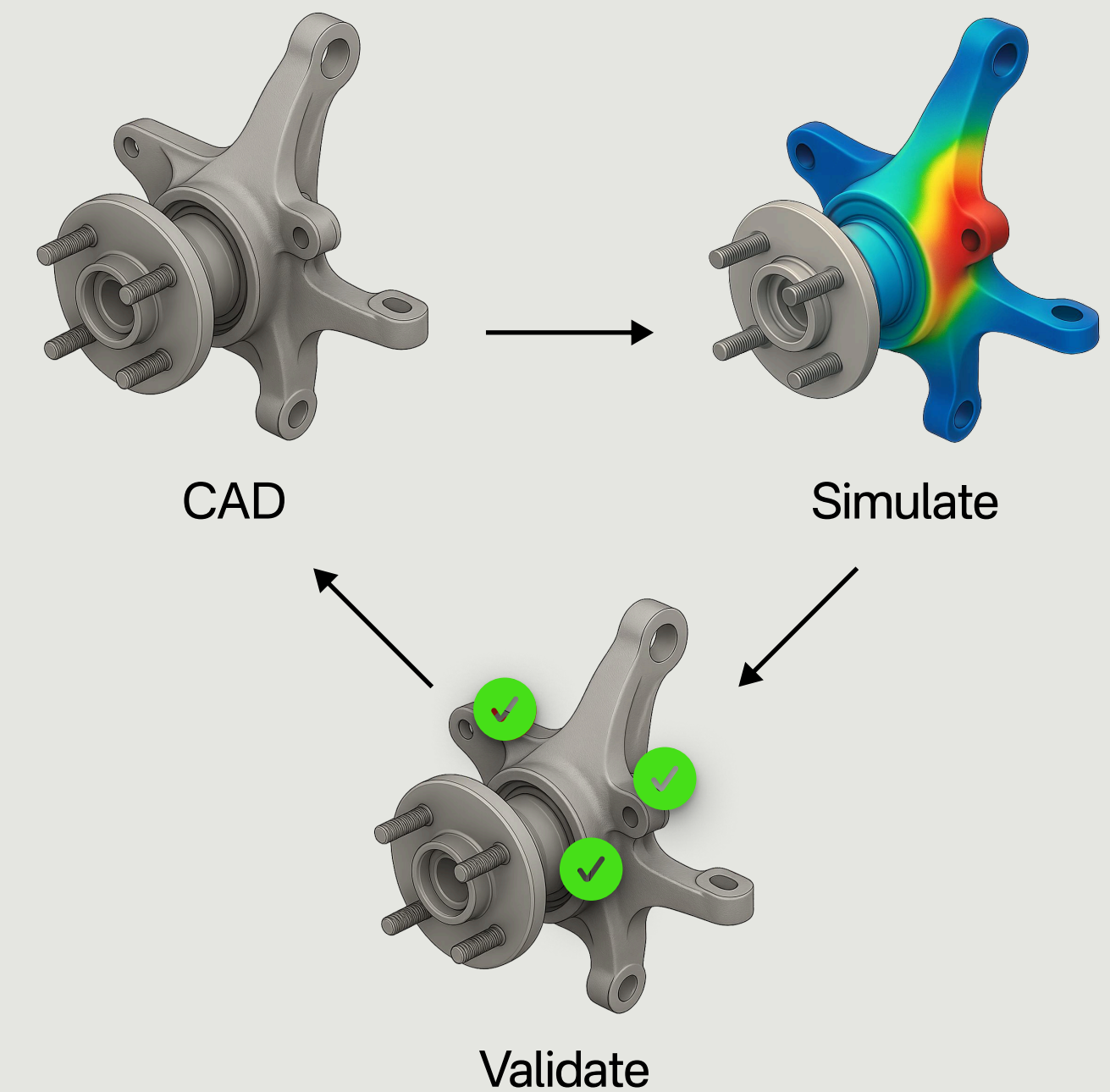
Automate geometry prep to create simulation-ready geometries faster.



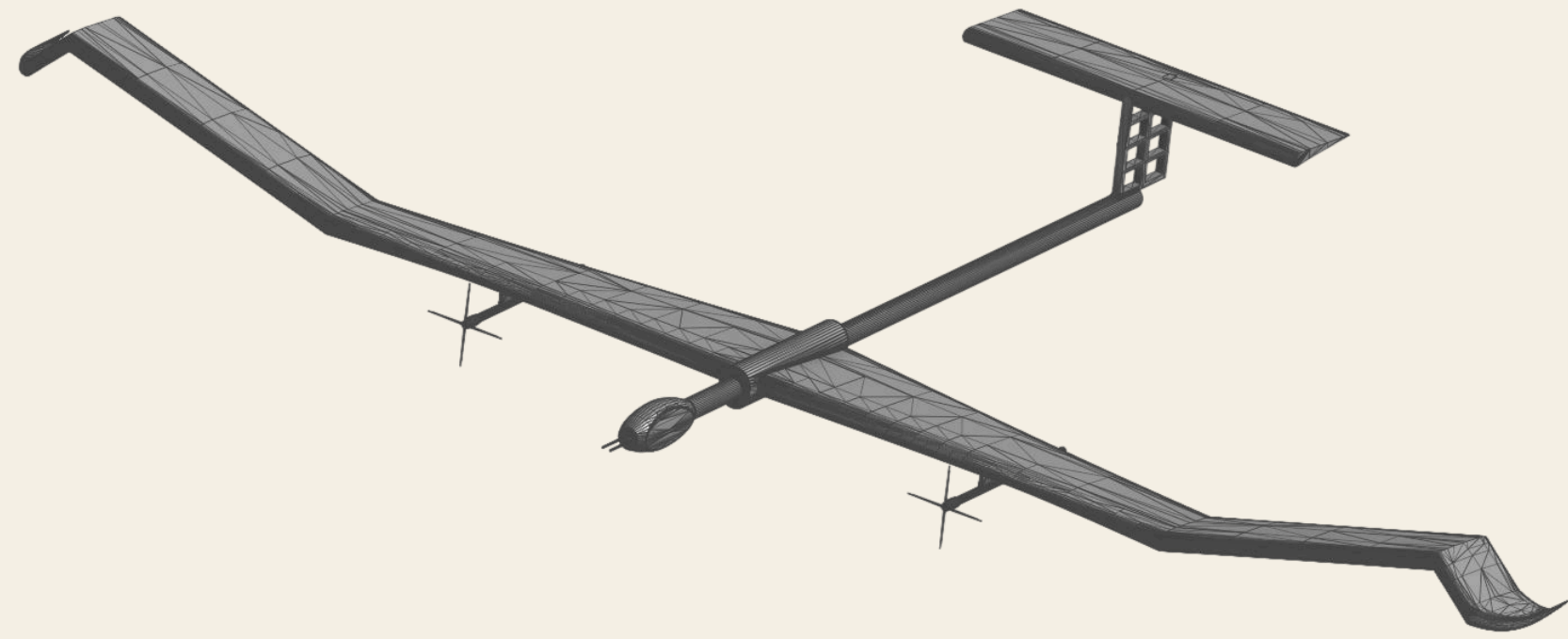
Optimisation Loops:

~20h → 2h

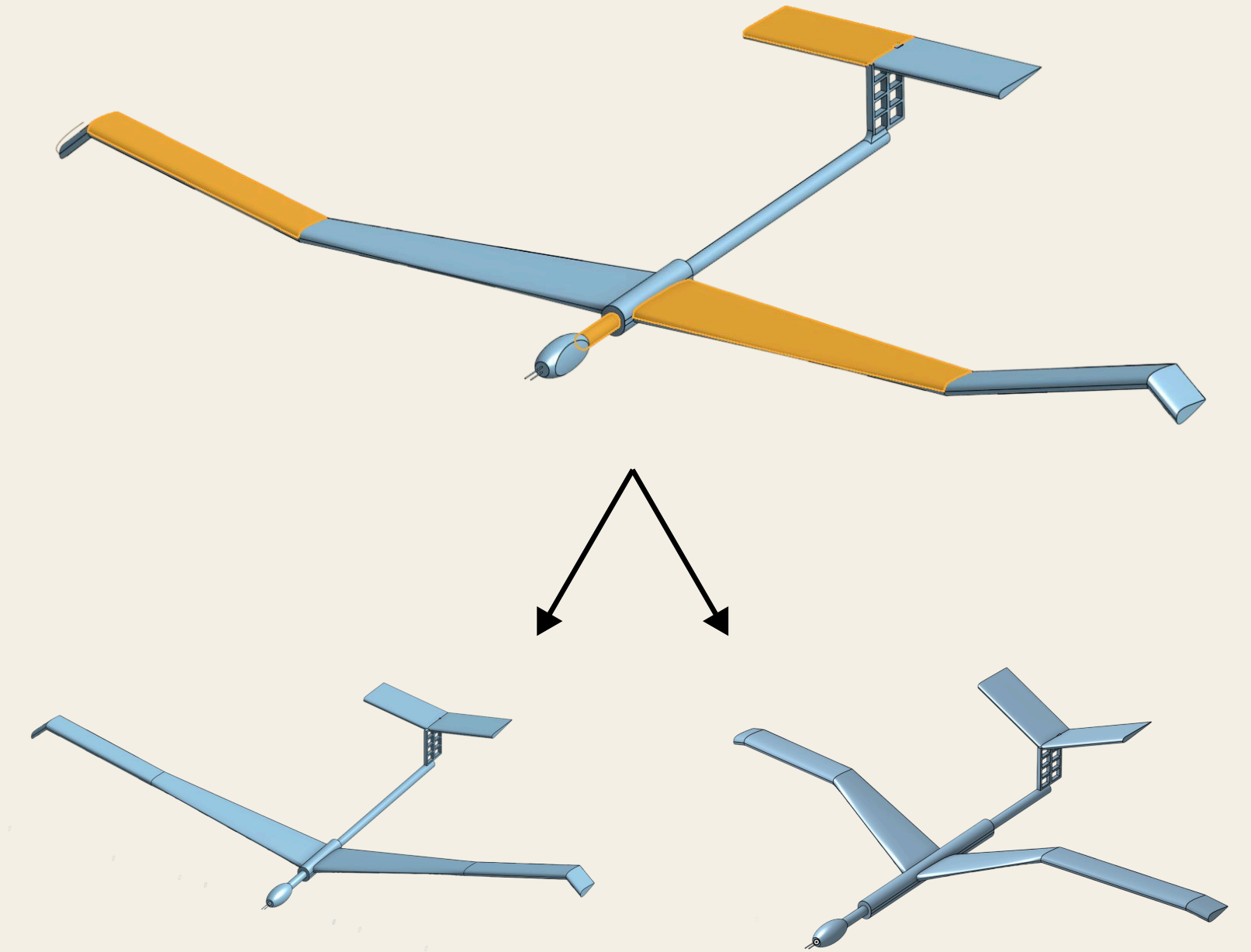
Automatic CAD-Simulate-Validate loops until all requirements pass.



Automated STL → Parametric CAD redraws



Input - STL



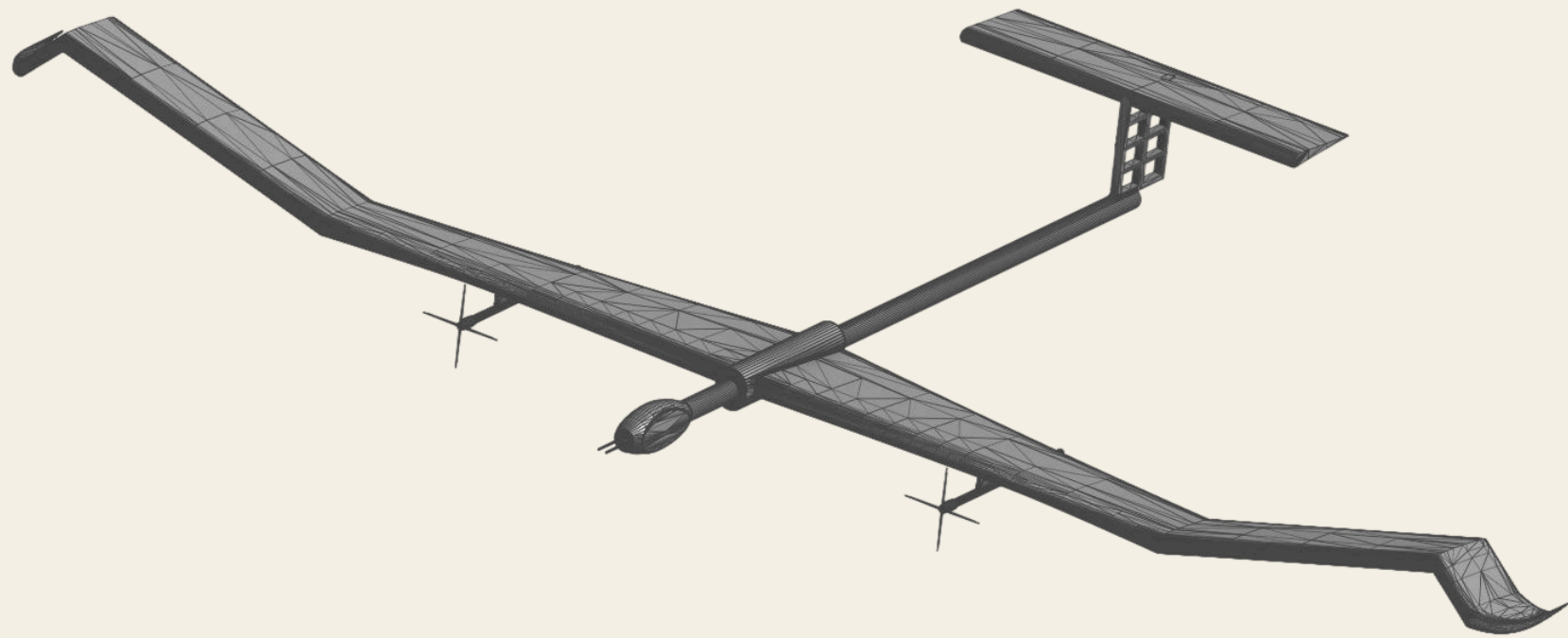
Output - Parametric CAD



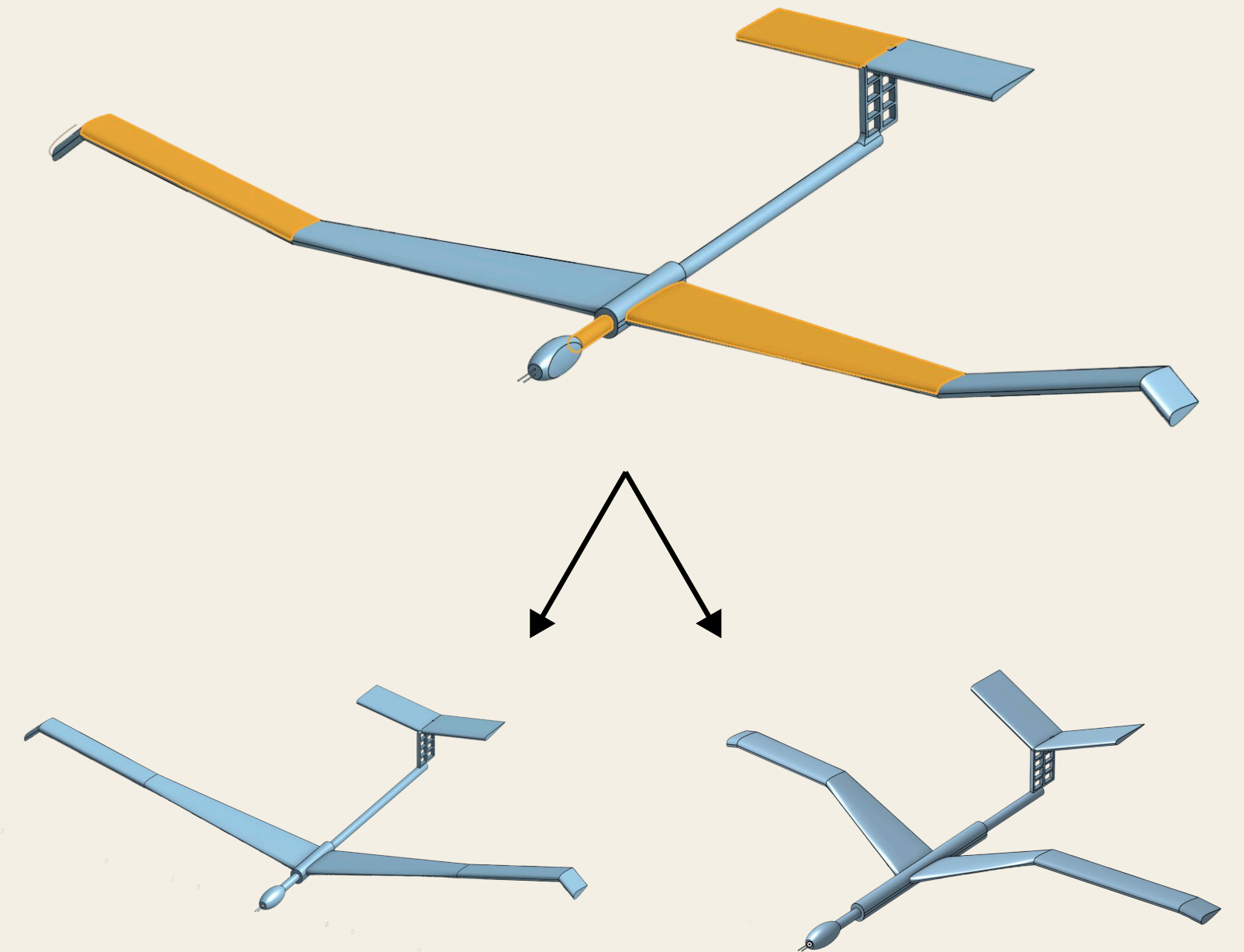
4 hours → 10 min

95% faster

Input - STL



Output - Parametric CAD



→ **Visit our booth to see the demo!**