

THE VALUE OF SIMULATION-DRIVEN DESIGN

The traditional process is reliant on time-consuming manual calculations, slowing the process and exposing it to errors and failures.



REQUIREMENTS

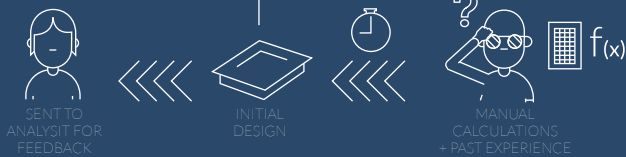
- COST
- STRENGTH
- WEIGHT



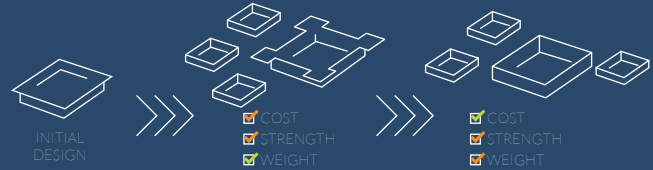
Simulation-driven design empowers engineers to quickly explore more alternatives with confidence.

DESIGN EXPLORATION

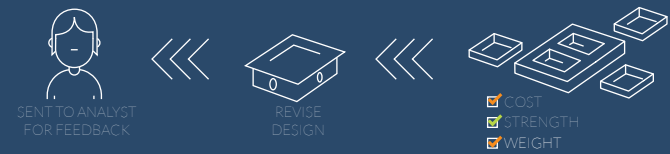
Designs developed based on calculations and best guesses.



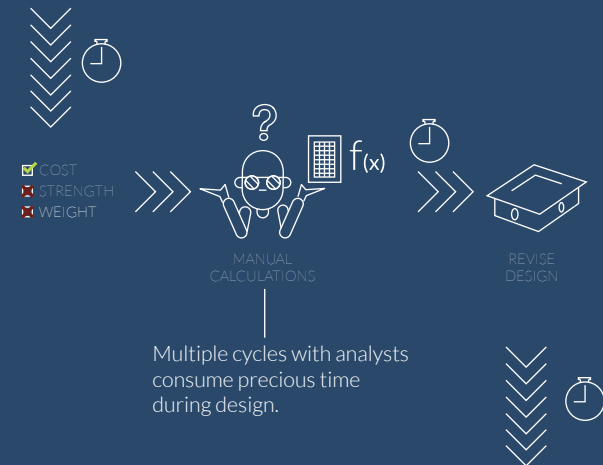
More alternatives explored with interactive simulations.



Designs pass expert analyses the first time, freeing analysts up for the most complex analyses.



Multiple cycles with analysts consume precious time during design.

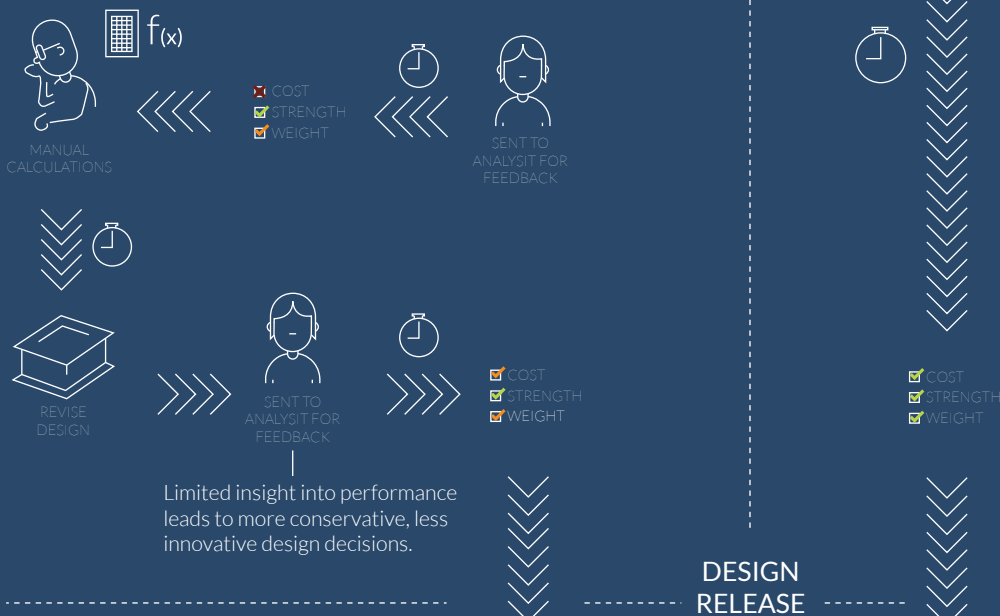


Upfront analyses lead to first-time-right designs.

A simulation-driven design approach is also more efficient for the engineer, allowing them to eliminate non-value-added tasks and take on new projects

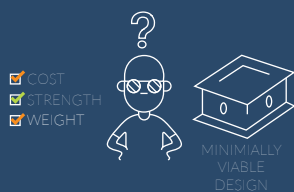


Limited insight into performance leads to more conservative, less innovative design decisions.



DESIGN RELEASE

The traditional process results in less innovation, higher costs, and more wasted time in the design cycle.



Simulation-driven design results in more innovation, higher quality, and increased efficiency.

WANT TO LEARN MORE?

Lifecycle Insights' The Four Benefits of Simulation-Driven Design details the people, process, and technology changes needed to enable simulation-driven design. The report goes further to explain the four sources of value as well.

[DOWNLOAD THE REPORT](#)

