

# WHY YOUR BUSINESS BENEFITS WHEN DESIGN ENGINEERS USE SIMULATION

Simulation tools empower design engineers to make better design decisions, ultimately producing more competitive products that cost less and get to market faster.

## DESIGN ENGINEERS ARE USING SIMULATION TO

65%

Validate design requirements



61%

Optimize designs



45%

Explore designs / innovate



45%

Find problems earlier



Improve product quality

41%



Improve product reliability

41%



Achieve higher confidence in good design work

39%



Avoid over engineering

24%

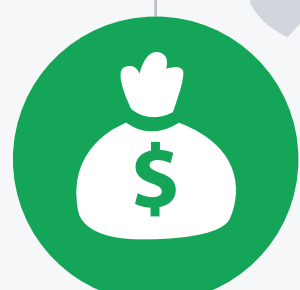
Percent of companies reporting this as a reason design engineers use simulation

## REASONS COMPANIES ARE INVESTING IN SIMULATION FOR DESIGN ENGINEERS



### Become More Competitive

Engineers needed more insight for design decisions / better optimization **51%**



### Lower Costs

Too many prototypes **31%**

Cost of over engineering **25%**

Too much scrap / rework **18%**



### Get to Market Faster

Want to limit reliance on 3rd parties for simulations **30%**

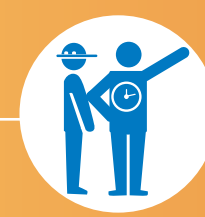
Percent of companies reporting this as an investment reason

## SIMULATION IS ENABLING DESIGN ENGINEERS TO MAKE BETTER DECISIONS WHILE REDUCING DEVELOPMENT TIME



### 16.9 weeks

Initial ramp up time for design engineers to learn simulation



### 8% reduction

In product development time during ramp up period



### 14% reduction

In product development time after ramp up

BY EMPOWERING DESIGN ENGINEERS WITH SIMULATION TOOLS, YOUR COMPANY MAY ENJOY SIMILAR TIME SAVINGS.

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Data from Tech-Clarity's 2016 Simulation for Design Engineers Survey

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Learn the Best Practices for Better Design with Simulation in our ebook