## Power sustainable aerospace innovation with virtual prototyping technology



## and gain qualification from the outset

Establish virtual testing for acoustic performance



St Get

Get new designs right 1st time

**Emission** 



Superior sound

friendly testing



performance



ρ.σ.σ., ρ



with lower noise emissions



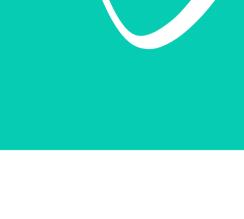
Get acoustic qualification

Fewer processes, lower costs

for tooling and scrap material



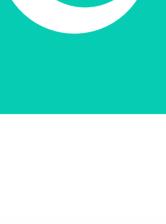
right first time



**Record-breaking** 

**Joby Aviation** 

acoustic performance



Shenyang Aircraft

**Tooling development** 

time halved



## Push engineering workflows months ahead of production Power collaborative workflows

Create your own metaverse to experience physical

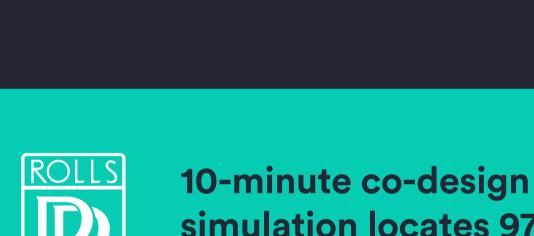
interactions with yet-to-be realized designs



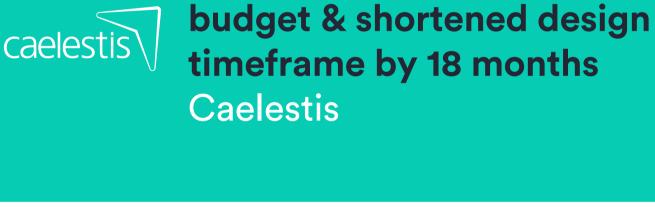
Double on-time product delivery



Gain hands-on experience of processes, virtually



simulation locates 97% potential casting issues Rolls Royce



15% saving on tooling



ramp up

| Save natural

Leverage unlimited

analyses and experiences

Minimize



Explise at Reduce seat weight by an average of 4kg and 50% fewer parts
Explise at

Secure

production



critical size defects in nickel-based superalloys with 85% accuracy MTU Aero Engine

resources

**Automate detection of** 

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transformation journey?

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