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TO TALK TO US
ABOUT YOUR
NEXT SIMULATION
PROJECT

Enabling non-experts to carry out **Advanced Simulation Studies** with the single press of a button!

Introducing our Unique Suite of Simulation Apps – SIMApps!

Simulation Technologies Ltd creates bespoke engineering simulation applications known as **SIMApps**, encompassing the three SIMApps described below. SIMApps are essentially web apps that provide a simplified user friendly interface wrapped around decades of simulation expertise and powerful underlying simulation technology.

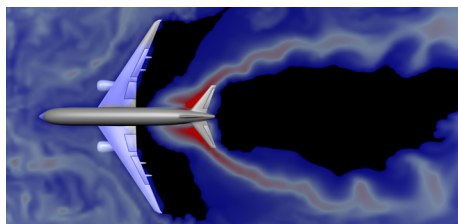
SIMApps allow non-experts to perform and experience advanced simulation studies at the press of a button, simply by selecting a few parameters without the need to understand the underlying mechanics of the simulation.

These bespoke SIMApps are designed and validated by an expert and either hosted on our own encrypted SIMApps cloud platform or installed locally. The client can then perform and direct their own simulations, under their control and with very little simulation knowledge required. We place the power of simulation into our clients own hands.

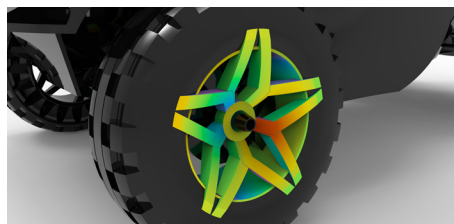
We enable our academic clients to publish their international research sooner and our industrial clients to accelerate their products to market. The end result is that our bespoke SIMApps enable our clients to substantially accelerate their R&D programme at reduced cost.



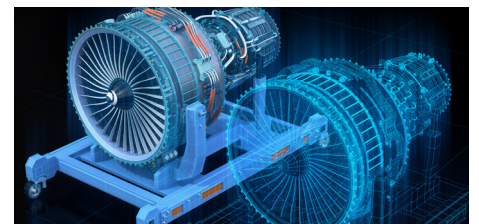
CFDApps provide bespoke engineering simulations of fluid flows using a computer simulation method known as Computational Fluid Dynamics (CFD). This method produces detailed knowledge of fluid flow through or around an object or groups of objects and predicts important performance characteristics.



FEAApps provide bespoke engineering simulations of structural components using a computer simulation method known as Finite Element Analysis (FEA). This approach produces detailed knowledge of the structural response of a component to applied external forces, displacements and thermal loadings.



CAEApps provide bespoke engineering simulations and solutions to a wide range of other engineering problems utilising various other computer simulation methods and mathematical modelling techniques such as Digital Twins, AI/Machine Learning, Big Data, Automation, Optimisation and Experimentation.



- **SIMApps – Publish** your research **sooner** and **accelerate** your product **to market!**

- Extensive simulation expertise and **powerful simulation technology** wrapped into user friendly **SIMApps!**

- Reduce simulation costs and **increase your product knowledge** - Simulation experience not required!

Contact us on +44 (0) 800 458 7190 or email info@simulationtechnologies.com

LinkedIn

simulationtechnologies.com