



January @ TSUS!

Happy New Year!

As January is coming to a close we are getting ready for an exciting year at TotalSim US. There are several events that we are planning to attend this year and we will keep you updated as these come up so you can come visit us.

What TSUS is historically known for

Many of our friends and clients know us for our computational fluid dynamics consulting work in Motorsports and Automotive Industries using OpenFOAM®. And our support of clients using OpenFOAM with TotalSim's suite of pre- and post-processing tools to improve efficiency.

What you may not know

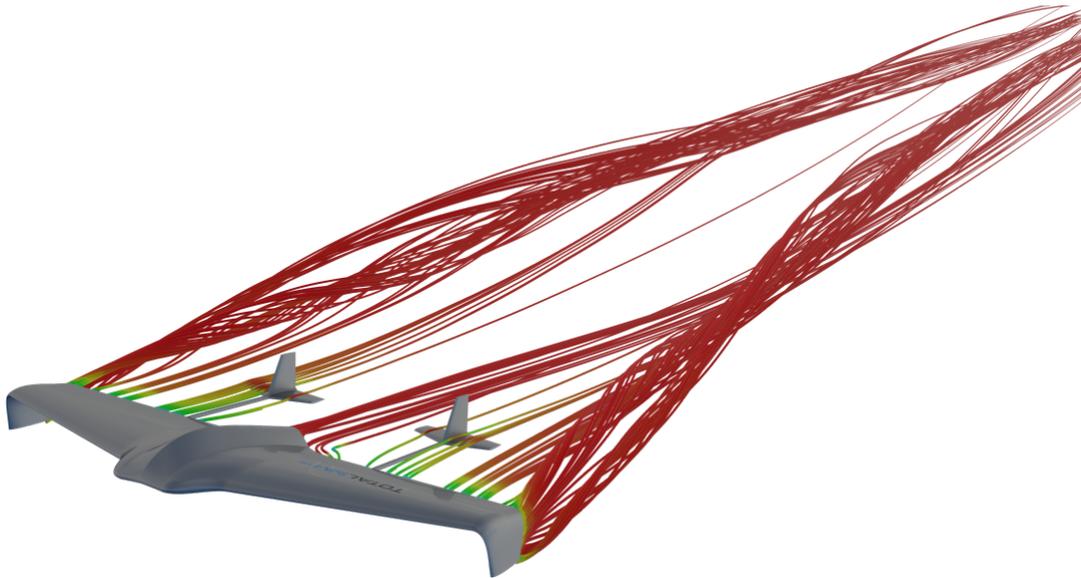
We have worked with

- Aerospace clients for over 10 years providing computational consulting services in
 - Propeller/rotor design
 - Aerodynamic performance both external and internal
 - Thermal management
 - Providing aero database generation
- Gaming companies to provide performance maps - creating a data base of performance characteristics so no matter the attitude of the vehicle (or object) the game knows how it should perform - Including multi-car or wall-car interaction.
- Medical start ups to help develop new medical devices
- Industrial and Consumer Product clients in so many ways! Just a few of our modeling projects include
 - Large scale Ovens/Heater Boxes and flow distribution across filter banks
 - Flow through valves and inside separation tanks

- Cooling flow through power distribution cabinets and computer rack systems
- Oil diffuser evaporation with heat distribution and diffusion patterns
- Marine vehicles - improving handling, overall performance, and passenger comfort
- And so many more!

We use many computational tools. While we are known for our version of OpenFOAM, we are also experts in many commercial and government computational tools that we use daily in our consulting practice. We develop pre- and post-processing tools around each to make sure we are providing the most efficient and cost effective solution to our clients. More about this in future newsletters...

We look forward to sharing more info about TotalSim with you throughout this coming year! Don't hesitate to reach out if you have any questions or just want to chat with us.



Check out our website!



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