

APP ECO-STRUCTURE



TOTALSIM DEVELOPING TOOLS TO HELP COMPANIES FINE-TUNE PRODUCTS

TotalSim US, a founding partner of AweSim, has taken great advantage of the Ohio Supercomputer Center's mandate to support commercial research as an economic driver. And it's paying off.

"The idea of this AweSim app eco-structure is to get modeling and simulation in the hands of people who couldn't afford it or didn't have the time to become an expert," said Ray Leto, president of TotalSim US. "That's part of the reason we got involved in AweSim, it's where we see things going."

The eco-structure has allowed TotalSim to develop applications companies use to fine-tune products. These apps are used by an array of companies, such as iRacing, the world's premier motorsports racing simulation, Swift

"We've had a long relationship with OSC. It's one of the reasons we've stayed in central Ohio and grown our business here."

— Ray Leto, president of TotalSim US

VIRTUAL DESIGNS. REAL BENEFITS.

Engineering, a product development company that creates high performance vehicles, and Rocketail, LLC, a tractor and trailer equipment business in the transportation sector.

"Through AweSim apps, we hope to lower the barriers for the smaller companies that, until now, have done everything with physically testing or traditional design methods," Leto said.



AUTOMOTIVE



THE CHALLENGE

In the past, modeling and simulation was not accessible to everyone due to limited time or limited budgets. This meant only large corporations could use modeling and simulation applications that could lead to better products and more innovation, thus preventing smaller companies from successfully competing in the global marketplace.

THE APPROACH

The goal of AweSim is to get modeling and simulation into the hands of people who couldn't afford it or didn't have the time to become an expert. The combination of web applications and using engineering service providers such as TotalSim has made AweSim a powerful program.

THE SOLUTION

AweSim's app eco-structure makes it possible for smaller companies to attain access of modeling and simulation apps that were previously only accessible to large companies. Because of its partnership with TotalSim US, TotalSim US has developed applications that companies of all sizes can use to fine-tune their products.