

8X faster job runs

of OnScale mechanical simulation, reducing runtime from about 11 to 1.5 minutes.¹

OnScale and Google Cloud Make Complex Digital Prototyping Accessible and Affordable

OnScale enables digital prototyping using their long-trusted Multiphysics solvers running on Google Cloud clusters, which feature 2nd Gen Intel® Xeon® Scalable processors. Their solution provides comprehensive digital prototyping capabilities to engineers in organizations of all sizes. OnScale used Intel software tools to compile and optimize their solvers to achieve high performance and code efficiency, including Intel® Message Passing Interface Library, Intel® Math Kernel Library and Intel® Fortran Compiler. OnScale is also exposing AI and ML capabilities for their customers to use in combination with Multiphysics simulation. OnScale's service helps companies accelerate products to market and cut R&D costs by offsetting costly physical prototypes with highly accurate digital prototypes.

Products and Solutions

[2nd Gen Intel® Xeon® Scalable processors](#)
[Intel® Deep Learning Boost](#)
[Intel® oneAPI Toolkits](#)

Industry

Computer Software

Organization Size

51–200

Country

United States

Partners

[Google Cloud](#)

Learn more

[Case Study](#)

“Ultimately, what the OnScale, Intel, and the Google Cloud partnership has Produced, is a full-stack engineering simulation solution that is magnitudes faster than comparable desktop solutions.”

Ian Campbell, CEO, OnScale