



**4.5X** faster

than Ping's previous HPC system while doubling design efficiency in some cases.<sup>1</sup>

“When you see a product that says ‘Intel Inside®,’ you know a lot of hard work and advanced technology have gone into making it. We want our customers to feel the same way about us. Simulation is what drives Ping’s new club technologies, and Intel and Altair technologies are part of every one of them.”

**Eric Morales, Senior Engineer, Ping Golf**

## Ping Engineers Help Golfers Hit the Ball Farther, Faster, and with Greater Control Using Powerful HPC

Known for its history of innovation, golf equipment leader Ping needs powerful High-Performance Computing (HPC) capabilities to advance its broad product line. Ping developers use a range of HPC-enabled simulation and analysis software to help bring products to market faster, including computational fluid dynamics to reduce aerodynamic drag and optimize airflow over a driver and finite element analysis to build durable, high-quality clubs. They also use materials analysis to aid in developing innovative materials and run acoustic analysis to make sure design changes have not affected the desired pinging sound when the club strikes the ball. Ping deployed an Altair HyperWorks Unlimited physical appliance, based on a Dell EMC platform with Intel® Xeon® Scalable processors.

### Products and Solutions

[2nd Gen Intel® Xeon® Scalable processors](#)  
[Intel® Advanced Vector Extensions 512](#)  
[Intel® Math Kernel Library](#)

### Industry

Sporting Goods

### Organization Size

501–1,000

### Country

United States

### Partners

[Altair](#)  
[Dell](#)

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