

dallara



Dallara Accelerates Faster Analytics Workloads with HPC for Racecar Designs

Dallara designs, produces, and develops chassis for racecars and provides consultancy services for road car companies. Today, most of that design and development work is done digitally, supported by computational fluid dynamics (CFD) and computer-aided design and engineering software. The company expanded its existing Lenovo high-performance computing (HPC) infrastructure with next-level Lenovo servers, powered by 3rd Gen Intel® Xeon® Scalable processors. With six-times stronger performance for computational fluid dynamics (CFD) simulations and other demanding design workloads, the company accelerates cutting-edge development to bring its all-new Dallara EXP model to life in just nine months.¹

“There is a huge amount that goes into developing cars at this level. We rely on heavy-duty simulation and analysis tools, and supporting this complexity of calculation requires very powerful hardware.”

Elisa Seriola, Senior Aerodynamic CFD Engineer, Dallara

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501-1,000

Country

Italy

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¹ For more complete information about performance and benchmark results, <https://www.intel.com/content/www/us/en/customer-spotlight/stories/dallara-customer-story.html>