



## ANSYS Simulation Technology Enables Ferrari to Race Past the Competition

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PITTSBURGH, Dec. 5, 2017 /PRNewswire/ -- With [ANSYS](#) (NASDAQ: ANSS) engineering simulation technology behind the steering wheel, [Ferrari](#) raced past the competition to win the Manufacturers' and Drivers' World Championship titles and the Team's Trophy in the FIA World Endurance Championship (WEC).

image

Securing its fifth WEC constructor's title and twenty-fourth overall, Ferrari uses ANSYS computational fluid dynamics (CFD) solutions to maintain best-in-class endurance-oriented aerodynamic performance. With ANSYS, the engineers can maximize downforce, minimize tire degradation and optimize airflow around the car to keep critical components within the ideal temperature operating ranges — essential elements for outpacing competitors.

"With race times lasting anywhere from six to 24 hours, speed and reliability are critical factors for cars competing in the WEC to achieve success and see the checkered flag," said Ferdinando Cannizzo, Ferrari Competizioni GT technical coordinator. "ANSYS enables our team to quickly test multiple configurations between each lap and provides accurate insight — empowering our team to improve our speed and reliability in real time."

"Our team has worked with Ferrari for more than 20 years and we continue to be inspired by their drive for innovation and excellence," said Sandeep Sovani, director, industry marketing at ANSYS. "ANSYS simulation technology combined with Ferrari's world-class products and drivers create an unstoppable force on the track, we look forward to many more trips around the track together."

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If you've ever seen a rocket launch, flown on an airplane, driven a car, used a computer, touched a mobile device, crossed a bridge, or put on wearable technology, chances are you've used a product where ANSYS software played a critical role in its creation. ANSYS is the global leader in Pervasive Engineering Simulation. We help the world's most innovative companies deliver radically better products to their customers. By offering the best and broadest portfolio of engineering simulation software, we help them solve the most complex design challenges and create products limited only by imagination. Founded in 1970, ANSYS employs thousands of professionals, many of whom are expert M.S. and Ph.D.-level engineers in finite element analysis, computational fluid dynamics, electronics, semiconductors, embedded software and design optimization. Headquartered south of Pittsburgh, Pennsylvania, U.S.A., ANSYS has more than 75 strategic sales locations throughout the world with a network of channel partners in 40+ countries. Visit [www.ansys.com](http://www.ansys.com) for more information.

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