

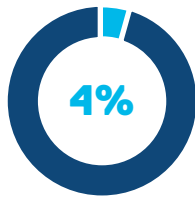


In today's race, milliseconds count.

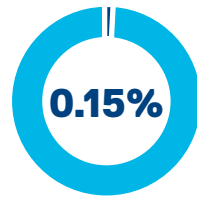


Data-driven innovation is the heartbeat of McLaren Racing's strategy. With engineers always pushing what's possible to find additional performance gains, McLaren race cars are continuously evolving prototypes. Dell Technologies supports McLaren Racing with a strategic partnership that provides the secure IT tools to turn data into innovation as fast as possible.

How competitive is Formula 1?



Performance difference between the fastest and slowest Formula 1 cars in any given race.



Performance difference between the fastest and slowest **top 5** Formula 1 cars in any given race.

Prototypes on four wheels



Number of race cars McLaren must build each season — 2 for racing, 1 as a backup and 1 to crash-test to assess driver safety.

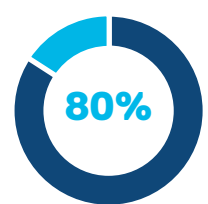


75,000

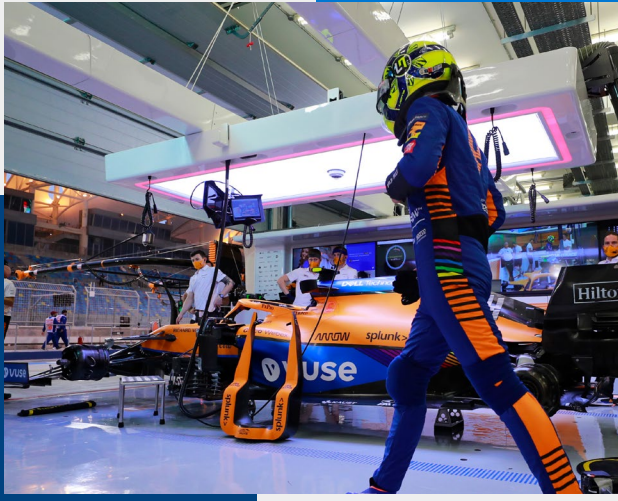
Approximate **number of parts** that are used to build a McLaren race car.



A part is finished every **7 minutes**.



Amount each McLaren race car changes over a racing season to keep it a contender to win.



“Formula 1 is a relentless environment, and partnering with Dell Technologies provides us with class-leading capabilities and support to drive invaluable efficiencies that enables McLaren to perform at the highest possible level across our entire business operations.”

ZAK BROWN
CEO, McLaren Racing

Data-generating racing machines



300

Number of sensors each McLaren Racing car sports to provide wireless telemetry of driver vital signs, g-forces, fuel levels, tire pressure, speed, battery health and more.



100,000

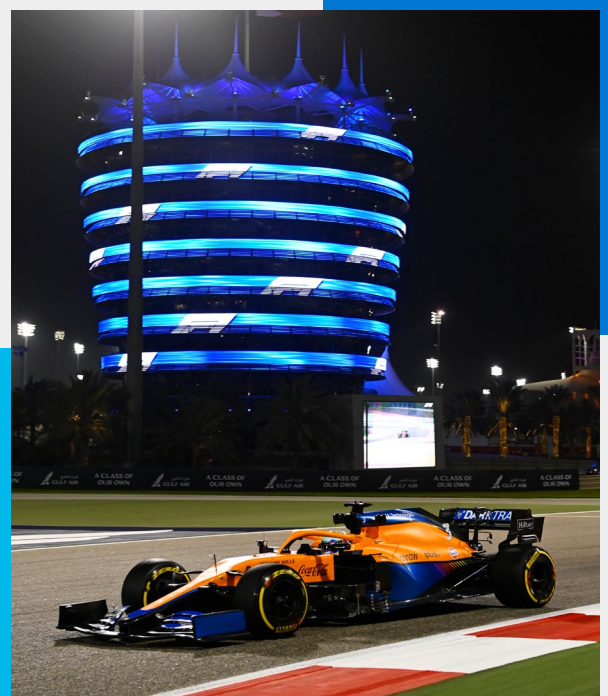
Number of data points each McLaren Racing car's telemetry sensors generate per second during trials and races.

Doing next to impossible



“We can perform our aerodynamics studies using computational fluid dynamics faster with our new Dell Technologies HPC system compared to our previous setup.”

EDWARD GREEN
Principal Digital Architect, McLaren Racing



Innovating with data

Competition demands that McLaren Racing keeps pushing what's possible in physics, engineering, technology, manufacturing and operations, often in parallel. It also takes powerful solutions from Dell Technologies to turn data into innovations that can move McLaren to the front of the F1 grid.



[Learn how McLaren drives to win in our case study.](#)



[Learn More About Dell Technologies and McLaren's Partnership.](#)