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.

“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

“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

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How competitive is Formula 1?

- Performance difference between the fastest and slowest Formula 1 cars in any given race: 0.15%
- Performance difference between the fastest and slowest top 5 Formula 1 cars: 4%

Prototypes on four wheels

- Number of data-generating racing machines: 300
- Number of data points each McLaren Racing car generates per second: 100,000
- Number of parts used to build a McLaren race car: 75,000
- Number of race cars McLaren must build each season: 4
- Approximate number of parts used to build a McLaren race car: 375
- Number of race cars McLaren changes over a racing season: 4
- Number of parts that are used to build a McLaren race car: 75,000

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Learn more about McLaren’s case study. Learn More About Dell Technologies and McLaren’s Partnership.