



JAGUAR



RACING

OFFICIAL PARTNER

Run and Transform— At 280 kph

Different track. Same race.



Micro Focus: Official Technical Partner of
Jaguar TCS Racing

Why are a Formula E racing team and a software company partners?

It's not the unlikely pairing you might think.

Jaguar TCS Racing competes in the ABB FIA Formula E World Championship, an all-electric street racing series that showcases what sustainable mobility technology can do. It interactively involves more than 300 million fans, and it contributes to pushing electric vehicles to the forefront for a better, cleaner future.

Micro Focus delivers mission-critical software to thousands of customers around the globe. With a broad software portfolio underpinned by a deep inventory of advanced analytics, we help customers be resilient today and achieve long-term success.

Why Micro Focus + Jaguar TCS Racing

Micro Focus and Jaguar TCS Racing are both technology-forward organizations that look to push boundaries. As Jaguar TCS Racing's official technical partner for digital transformation, business resiliency, and analytics, we help them run and transform, both on and off the track, so they can achieve the outcomes they need for more points, podiums, and wins.



“

Great race teams are resilient. They work hard to succeed every day, analyze every performance area, and work towards building a better future. We are proud to partner with Micro Focus to help us with digital transformation, business resilience, and analytics. Together, we'll compete for more points, podiums and wins.”

James Barclay

Team Principal, Jaguar TCS Racing
Managing Director, JLR Motorsport



Our technical partnership with Jaguar TCS Racing is a real reflection of who we are as a company. We make it easy for our customers to adapt to what's happening now and use our extensive portfolio to help them intelligently navigate the constant innovation in their markets. We look forward to helping Jaguar TCS Racing win more, both on and off the track."

Eric Varness

CMO, Micro Focus



What is Formula E?

The ABB FIA Formula E World Championship is an all-electric race series created to focus attention on sustainable mobility. Teams use single-seater race cars that all have the same identical battery, chassis, and bodywork. Then, each team provides their own powertrain components—including an electric motor, inverter, and gearbox—to make things interesting and competitive.

Two-car teams compete on city circuits for individual and team points, podiums, and wins. Points are earned many ways, both in qualifying and during the race. There are two unique features of Formula E that give drivers special in-race advantages.

ATTACK MODE

ATTACK MODE is a feature that allows drivers to immediately earn 30kW of additional power during the race. It is activated by driving through a designated zone that is off the normal racing line. The FIA determines the number of times drivers must use ATTACK MODE during a race, along with the duration of each power boost. But teams are only notified 60 minutes prior to the race. It sets up a final burst of pre-race strategy, with more uncertainty and excitement.

FANBOOST

Formula E fans have the opportunity to influence the race by voting for their favorite driver. Drivers who finish in the top five are awarded a significant burst of power that can be deployed during a five-second window in the second half of the race.

It's like playing chess at 280 kph.



— [Find out more about the history of Formula E >](#)

— [Check out more details about the ABB FIA Formula E World Championship rules and regulations, including video tutorials for beginners >](#)

Racing is More Than the Cockpit View

When a driver is in the middle of a race, nothing is more important than the view from the cockpit. Knowing key factors like speed, track conditions, energy levels, and competitors' positions are critical. A driver's engineer also helps make crucial, in-race decisions. What are other teams doing? When should we activate ATTACK MODE? Who has FANBOOST power available to use?

But the days between races can be just as important. Teams need time to analyze and make strategic decisions about what did or did not work and how to adjust things moving forward for better results. Is the code optimized? What is our data telling us? Are our environments giving us peak performance? And perhaps most importantly, are we secure?

Micro Focus delivers answers to strategic questions like these.



When Milliseconds Matter

When performance is measured in milliseconds, you use every available tool you have to win. Micro Focus helps Jaguar TCS Racing accelerate through four key technology areas to produce better results, on and off the track.

01

Core Applications Powering Results

Micro Focus speeds application delivery and reduces risk.

50 

Applications used by the race team

250K+ 

Lines of code embedded per race car

02

Data-Driven Racing

Micro Focus increases prediction speed and accuracy.

328M 

Global fans

700+ 

Key parameters to optimize

03

Cloud-Based Racing Model

Micro Focus helps simplify IT transformations.

100 

Key infrastructures supporting the team

3 

Operating systems

04

Secure Race Analytics

Micro Focus helps strengthen cyber resilience.

16 

locations around the world requiring network protection for secure race data access

Unknown 

Vulnerabilities the team must address each day

Vertica

Challenge

Keeping pace with ever-growing data demands using an outdated platform.

Solution

With Vertica, Jaguar TCS Racing can now access and analyze all the raw data from every practice, qualifying, and race session.

“Vertica’s real-time analytics and machine learning capabilities are a great fit for our environment, helping us improve data-driven performance on and off the track.”

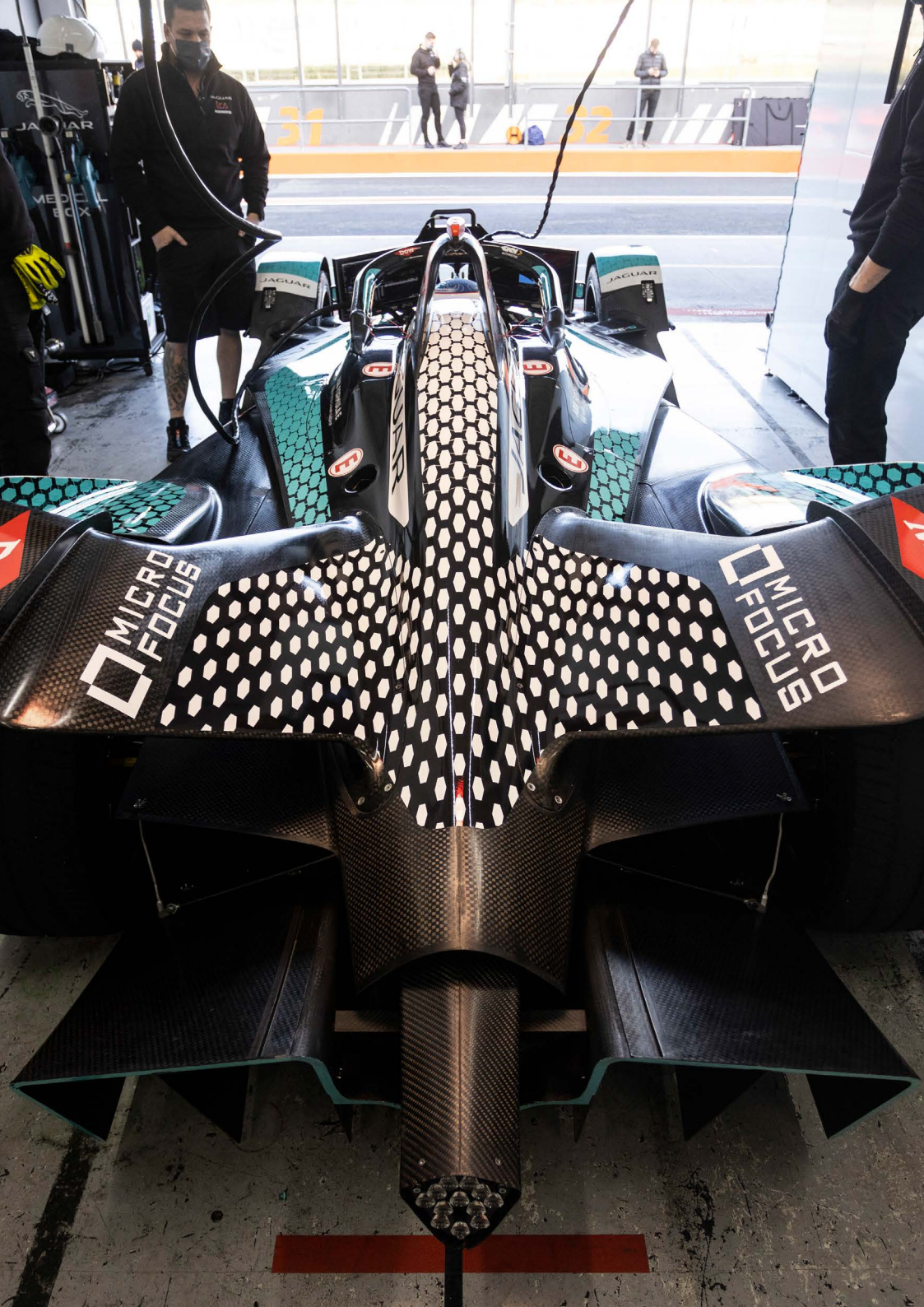
Phil Charles

Technical Manager, Jaguar TCS Racing

[Read the ebook:](#)

Performance Insights with Vertica — Jaguar TCS Racing case study





IDOL

Challenge

Finding helpful information from the massive amount of unstructured data the team accrues.

Solution

The AI-driven IDOL platform provides text, audio, video, and image analytics to extract maximum, real-time value from unstructured data.

"IDOL's AI capability helps us determine our next move because we have real-time strategic insights as well as the changing track and car conditions that influence our decisions."

Performance Engineer
Jaguar TCS Racing

[Read the ebook:](#)

IDOL's Applied AI and Professional Services — Jaguar TCS Racing case study

Fortify

Challenge

Improving application security in a rapidly evolving development infrastructure with many moving parts.

Solution

Fortify scans immediately identify ways to improve the team's API architecture and security. It provides a security lens to quickly identify and address any issues.

"We use Fortify's static analysis capabilities to analyze our source code as we develop new features or make enhancements. Fortify prioritizes and categorizes the findings so that we can address them immediately."

Performance Engineer
Jaguar TCS Racing

[Read the Ebook:](#)
Boosting Cyber Resilience with Fortify — Jaguar TCS Racing case study



Sustainable and Responsible

Formula E is the world's first net carbon zero sport since inception.

The founders of FIA Formula E wanted to know the answer to two big questions:

1. What are the capabilities of sustainable mobility?
2. Can an all-electric race series drive electric vehicles to the forefront for a better, cleaner future?

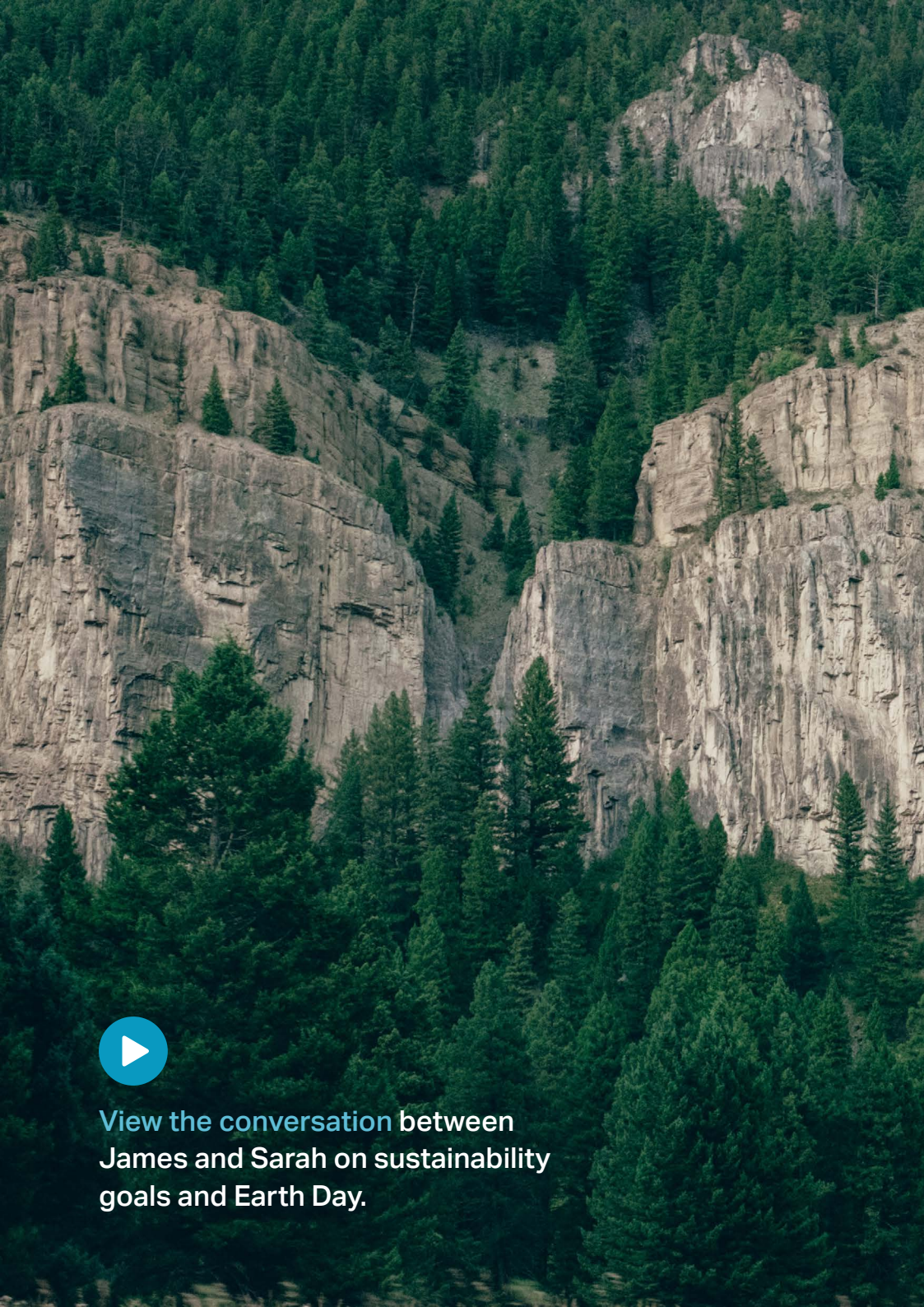
In 2016, Jaguar TCS Racing joined Formula E to help answer both of those questions. While the first is ever-evolving, recently Jaguar TCS Racing's parent company has answered the second with a resounding "yes." Jaguar Land Rover (JLR) announced that it would become an "electric first" company to help achieve those goals. From 2025 Jaguar will be reimagined as an all-electric luxury brand.

[See more about Jaguar's Reimagine strategy here ›](#)

Similarly, Micro Focus knows that our actions today impact tomorrow. Micro Focus INSPIRE, our environmental, social, and governance (ESG) program, provides a framework that underpins its commitment to behaving responsibly and sustainably across the entire business.

At our heart is Micro Focus' social purpose — to help equip communities with the right skills to survive and thrive in our continually evolving digital future. To support this, all employees receive four volunteering days a year to make a difference in their local communities. This is further harnessed by the company's global social impact campaign — Inspire a Million Lives — created to bring employees together to help those in need.

[Find out more about Micro Focus INSPIRE here ›](#)



“At Jaguar Land Rover, our new global strategy will see us Reimagine our future with sustainability at the center. From 2025 Jaguar will become an all-electric luxury brand. As the world’s first net carbon-zero sport since inception, Formula E provides a real-world performance test bed for us to develop our future electrification technology.”



James Barclay
Managing Director, JLR Motorsport and
Team Principal, Jaguar TCS Racing

“As a technology company, our software plays a key part in enabling sustainable behaviors—from helping organizations reduce their environmental footprint, to empowering them to establish market trust and transparency within their operations. Technology is an enabler; and through collaboration and partnership we can contribute towards addressing some of the biggest challenges the world faces today.”



Sarah Atkinson
Director, Corporate Social Responsibility



View the conversation between James and Sarah on sustainability goals and Earth Day.

Charged and Ready

Our fully charged partnership helps Jaguar TCS Racing run with resilience today, and transform to push the boundaries of competition, innovation, and customer experience tomorrow.

Similarly, we help all our customers compete in the digital economy. Our broad portfolio helps our customers worldwide solve the digital dilemma of how to run today, and transform to take advantage of opportunities tomorrow.



Get set...go!



Hear what James Barclay, Team Principal, Jaguar TCS Racing, shared with us at the beginning of our technical partnership.

[Watch now](#) ▶

[Learn more about our partnership](#) ›



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Digital Transformation | Business Resiliency | Analytics



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