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🏎 Company at a Glance

Oracle Red Bull Racing
(redbullracing.com)

Since its Formula 1™ debut in 2005, Oracle Red Bull Racing's mission can be encapsulated in one simple phrase – to win and to do it differently. Headquartered in Milton Keynes, in the United Kingdom, Oracle Red Bull Racing is primarily an engineering-lead business, designing and manufacturing F1 racing cars from the ground up on its UK campus. The reigning Formula 1 World Champions have won the World title a combined 13 times between both the drivers' and constructors' championships.

⚠ Challenges

- Lack of visibility into a diverse and distributed IT environment
- Growing risk of breach to business-critical proprietary data and intellectual property
- Small IT and security team with limited capacity to tackle security issues 24x7
- Required solution that would integrate into existing security tools

🛡 Results

- Powerful visibility, with 24x7 security coverage across entire IT environment
- Ability to quickly detect and respond to data exfiltration, unauthorized access, and other malicious activity
- Full-time support and guidance from Arctic Wolf security engineers
- Flexibility to adapt to a changing environment and ingest new data sources

Arctic Wolf® Delivers Comprehensive Security Operations Solutions With the Speed, Efficiency, and Scale Required To Keep Oracle Red Bull Racing's Mission-Critical Data Secure

> "**Your offering is unique to us. We have had other [security] partners, but they haven't had quite the depth of reach that your solutions are offering. What you're doing for us is quite new.**"
>
> — *Mark Hazelton, Chief Security Officer, Oracle Red Bull Racing*

Formula 1™ (F1) is a sport known for its unmatched speed and precision engineering, where throughout the course of a season, a car's exterior and internal systems will undergo fine-tuning to enhance performance in the quest of shaving off fractions of seconds that together build to competitive advantages realized in key moments on the track.

The culmination of these incremental improvements is a Formula 1 car that has changed dramatically from the first race of the season to the last. It is the technology behind the scenes that enables this transformation. Sensors embedded beneath a car's aerodynamic exterior collect data on pressure, acceleration, temperature, engine power, and tyre wear, among other inputs, which are then transmitted through the car's telemetry to deliver decisive insights extracted from the billions of data points generated both trackside and as part of race simulations.

Data is used to shape the car's design and inform a team's prerace strategy and in-race decision making. Where a millisecond can be the difference between first place and the rest of the pack, it is not only the skill of the driver behind the wheel that delivers key wins but also increasingly, advanced technology behind the scenes that sustains a team's success.

For Oracle Red Bull Racing, technology is more than a critical tool required to compete at the highest level of motorsport, it is a core component of the premier Formula 1 franchise's identity. "We describe ourselves as a technology company with a Formula 1 team," said Mark Hazelton, Chief Security Officer for the company.

Oracle Red Bull Racing has harnessed the power of advanced technologies as they have emerged over the past decade, including edge computing and machine learning to surface actionable insights from the data it collects to secure six Formula 1 World Championship seasons.

With recent performance on the F1 race circuits that can only be described as dominant, the already high profile of the globally known Oracle Red Bull Racing brand has continued to increase, with fans and bad actors alike.