

# Driving in the Data Security Fast Lane: Secureworks Puts McLaren in Pole Position

McLaren looks to Secureworks to secure its data across multiple locations and assess threats in real-time, helping the high-performance car manufacturer stay competitive on race day and beyond.



Motorsport is all about taking calculated risks. From overtaking, pushing tyres and engines to the limit and timing pit stops, every decision before, during and after a race influences your position during the season. Knowing when to push hard or hold back can be the difference between a podium or not finishing, and increasingly these decisions are driven by data. With the huge quantities of telemetry, environmental and competitor data being processed every second by engineers in the pit, keeping this information secure and available when needed is essential. For McLaren, having

a cybersecurity defence is part of the manufacturer's winning formula, both on and off the track.

One of the biggest challenges for McLaren's Formula One operation is the sheer quantity of data required to keep the car competitive- let alone the extra information and refinement needed to stay at the very top of the sport. In fact, there's only 4% product performance difference between the fastest car and the slowest car on the grid. But that 4% is achieved through hugely diminishing returns on resources.



**Company:** McLaren Group  
**Industry:** Technology Provider  
**Country:** UK

## Business Need

Staying in pole position takes a huge investment in resources and requires enormous quantities of data. McLaren needed a way to ensure this information is kept secure and accessible at all times to the teams which need it.

## Solutions

Secureworks deployed a full cybersecurity solution across the McLaren Group to assess threats in real-time. This process creates a risk profile which is used to develop a data strategy to ensure data remains secure across the group from customer information to race telemetry data.

## Business Benefits

- Assess cybersecurity threats in real-time as they appear
- Secure data across multiple locations, both fixed and temporary
- Reduce the need for a large internal security team, reducing overhead
- Produce specific KPI/KRI metrics and other security data reports via Secureworks Client Portal

## CASE STUDY

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Ultimately, data is the foundation of making the car go faster and the group's IT technicians are responsible for ensuring that this data safely reaches the right people at the right time. Within each car there are between 200 and 300 sensors which deliver 100 gigabytes of data during a race weekend. As well as assisting during the race, McLaren also uses this data for future design and engineering - using sophisticated modelling to optimise the performance of every component within the car.

Off the race track, McLaren Group is in significant growth, and much of this success has been driven by its own digital transformation. As an organisation, it is moving away from a traditional on-premise data centres approach, where a firewall boundary around the organisation was all that was needed to protect and manage its data.

With a goal to increase efficiency and innovation throughout the Group, McLaren has embraced workforce trends like flexible or remote working, meaning that its staff are no longer all based at the McLaren Technology Center. However, they still need to access their data wherever they are in the world and across various corporate devices like smartphones and laptops.

### Providing Superior Managed Security Services to McLaren's Expanding Network Perimeter 24x7

Cybersecurity is so important for McLaren across many areas of the group, from its customer data and products to the organisation's internal IT infrastructure. Four years ago, Secureworks deployed a holistic cybersecurity solution which not only protects data but allows safe and quick access to key systems for users.

Taking a consultative approach, Secureworks assessed how McLaren manages its cybersecurity to ensure its data is well protected without limiting access to its employees. For McLaren, having a trusted partner to take an objective and measured view of the Group's cybersecurity risk and where it might want to position itself whilst delivering flexibility about how that could evolve over time was essential.

The solutions in use today include Secureworks iSensor®, which allows McLaren to leverage Secureworks security experts who scour the global threat landscape for latest threats, delivering a risk profile and strategy to help ensure that their sensitive data is kept secure and accessible. The Secureworks platform leverages machine learning and artificial intelligence to evaluate telemetry gathered from multiple security controls, which includes everything from the car information on race days to customer data. Threats are highlighted in real-time to the on-premise cybersecurity team with Secureworks Advanced Endpoint Threat Detection Powered by Red Cloak™ to make sure vulnerabilities are dealt with instantly, keeping McLaren's data secure.

### Results

- **Secureworks Advanced Endpoint Threat Detection (AETD)** leverages Carbon Black technology to gather data across multiple locations, both fixed and temporary, which is then evaluated by Secureworks automated systems and our expert analysts. This endpoint detection and response solution has allowed McLaren to make the leap from an on-premise cybersecurity focus to a distributed cybersecurity focus, where Secureworks provides enhanced visibility and detection across the McLaren environment.

### Secureworks Solutions

- Secureworks Advanced Endpoint Threat Detection Powered by Red Cloak™
- Secureworks iSensor®
- Secureworks Client Portal

## CASE STUDY

- **Secureworks Managed iSensor** assesses threats in real-time as they appear, with 24x7 monitoring and analysis of 30 billion log events for McLaren each year, which is considerably more than can be achieved by an in-house team alone.
- **Secureworks AETD and Managed iSensor** solutions include thousands of unique countermeasures and watchlists developed by the Counter Threat Unit™ (CTU™) Research Team, and unmetered support from our elite team of researchers, engineers, analysts and consultants working in our fully staffed global Security Operations Centers (SOCs).
- **Secureworks Client Portal** provides specific KPI/KRI metrics for use in the presentations to the board of directors, ensuring that they are always prepared with precise actionable information.
- **Secureworks Client Portal** provides a snapshot of what has transpired McLaren's network since they last logged into the portal. McLaren have the flexibility to view information such as top events, attacks and severity levels to create a personalized dashboard based on the information they would like to see first.

## Looking Ahead

As one of the world's most illustrious high-technology brands, data-driven innovation is at the heart of McLaren Group's growth strategies. While the success of its Formula One car largely determines the mainstream perception of the brand, ensuring it pushes the boundaries off the track is equally, if not more important, at a Group level. With data continuing to play an essential role across the business, keeping this secure and accessible using Secureworks is of utmost importance.

From a pragmatic standpoint, McLaren wants to retain a small in-house cyberdefence team. As such, in the coming months Secureworks will not only apply threat detection but also threat prevention, which will free up internal resources within McLaren. In addition to the enhanced visibility provided by AETD, Secureworks Advanced Endpoint Threat Prevention (AETP) solution will automatically assist in the prevention of more threats. This shift reduces the threats that must be addressed by McLaren's in-house team, allowing them to be more strategic and proactive with more time for projects that drive the innovation that matters most to the success of their business.

### About Secureworks

Secureworks® (NASDAQ: SCWX) is a leading global cybersecurity company that protects organizations in the digitally connected world. We combine visibility from thousands of clients, aggregate and analyze data from any source, anywhere, to prevent security breaches, detect malicious activity in real time, respond rapidly, and predict emerging threats. We offer our clients a cyber-defense that is Collectively Smarter. Exponentially Safer.™



For more information, call **1-877-838-7947** to speak to a Secureworks security specialist.  
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