

Moving Security Up the Value Chain Through the Power of Partnership

Secureworks® is helping to transform McLaren's cybersecurity practice into a leaner, business focused approach, helping it mature and grow as the business expands into new areas.



See the name McLaren and it's natural to think of Formula 1 racing, where McLaren has been at the forefront for over 50 years. But there's even more to McLaren than that admittedly momentous achievement. The McLaren Group, based in Woking, UK, is a pioneering high-tech business group, covering McLaren Racing, McLaren Automotive and McLaren Applied Technologies too.

Each business unit has its own personality and security needs, although some security activities are shared across the group – securing a hyperconverged infrastructure and supercomputers for

racing telemetry, incident response, and easing the move to flexible and remote working that McLaren supports group-wide. An increasingly cloud-centric approach also creates new security needs, requiring McLaren to focus on the security challenges this creates.

McLaren Automotive manufactures the ultimate sports car experience - luxury cars for speed lovers, using Formula 1 technology. It aims to introduce 18 new models before 2025 and has just opened a new carbon fibre production facility in Sheffield. The McLaren Composites Technology Centre (MCTC) will produce



Company: McLaren

Industry: Technology and Automotive

Country: UK

Business Need

With Intellectual Property (IP) in its DNA and a focus on data analytics, McLaren needed a partner to provide reliable and flexible technical security support, freeing it up to move its security focus up the value chain and its security posture to greater maturity.

Solution

Secureworks has deployed a full cybersecurity solution across the McLaren group to protect the group in real-time against threats to its IP, data and business processes.

Business Benefits

- Assess cybersecurity threats in real-time
- Protect data and processes within and beyond the perimeter, on premise and in the cloud, to reflect McLaren's move to flexible working
- Free up time for McLaren's in-house team, letting them focus on driving security strategy within the business
- Reduce McLaren's business risk
- Provide assurance to McLaren customers
- Reinforce McLaren's brand reputation as a pioneering, data driven company

CASE STUDY

the incredibly rigid yet lightweight chassis that underpins all its cars. The value of its IP requires an info-security approach that is repeatable, consistent and resilient. That means a focus on business continuity, disaster recovery and critical systems availability.

McLaren Racing needs trackside data fast and it needs it in real-time. Its security focus is on data availability. Read more in this dedicated [case study](#).

McLaren Applied Technologies takes Formula 1 telemetry and applies it to verticals like healthcare and public transport to develop new solutions and products. Its major security needs are assurance, flexibility and agility as it takes new products to market.

The entire group is increasingly focused on digital transformation. McLaren Automotive is evolving into a digitally powered design-led business using the latest engineering processes. McLaren Applied Technologies, driven by real-time data analytics, is building privacy and security as a design feature into everything it does.

Supporting everything is a security team of four – an analyst, an engineer and two management roles, one business-, the other cybersecurity-focused – and a flexible, multi-faceted partnership with Secureworks.

A partnership that supports security maturity and produces results

“Working with Secureworks has enabled us to operate a lean security model and to move our security function up the value chain,” says James Fernley, Cyber Security Manager, McLaren. “Rather than

being focused on alerts and other noise and coming at security from a technical first approach, we’re operating in a business-contextual fashion and putting security at the forefront of the business’s strategy. That’s very important for security maturity.”

Secureworks keeps McLaren fully aware of its security and risk position, with data always available through the Secureworks portal and mobile app. Fernley can easily access and use this data to show the value of controls to McLaren’s C-Suite.

Secureworks’ intelligence-driven cybersecurity services help McLaren prevent, detect, respond to and predict cyberattacks. These include:

- **Advanced Endpoint Threat Prevention (AETP)** – By combining the power of machine learning and human intelligence, Secureworks helps McLaren to work smarter. This managed Next-Generation Antivirus (NGAV) solution delivers real-time detection and reporting with better incident engagement and alert investigation, whether end users are mobile or in the office. AETP facilitates identification of the attack source, target and user, providing insights into user behaviour that may have contributed to the incident. Data capture enables forensics and can also help the investigation and prevention of future occurrences. Secureworks correlates data from Carbon Black Defense with telemetry from other security tools, enabling better ticket enrichment and remediation guidance. As a result, the number of incidents that need investigation has dropped 72% and time to close an incident has decreased from an average of 17.5 days to 1.2 days.

Secureworks Solutions

- Secureworks Managed Security Services
- Secureworks Advanced Endpoint Threat Prevention with Carbon Black
- Secureworks iSensor® Intrusion Prevention
- Secureworks Incident Management Retainer
- Qualys Vulnerability Scanning

1.2 days
to close an incident
from an average of
17.5 days to close an
incident before

CASE STUDY

- **Incident Management Retainer (IMR)**
– Secureworks' Incident Management solutions supply McLaren with fast, flexible reactive and proactive value. The IMR saves money and provides peace of mind with the knowledge that Secureworks is ready to respond speedily when needed, and the assurance that hours not used to address an incident can be repurposed flexibly for proactive use. To date this has included refining the organisational IR plan and targeted threat hunting to identify potential compromises as well as recommendations on security architecture and controls to increase resiliency.
- **iSensor Intrusion Prevention** – iSensor traffic inspection, with Secureworks creating custom rules as needed, supplements telemetry from other solutions to provide enriched, correlated intelligence. To keep up with the growing threat landscape, Secureworks continuously updates detection signatures based on what we learn from managing security for over 4100 customers worldwide. An iSensor will protect the new Sheffield plant.
- **Vulnerability Scanning** - Using Qualys Vulnerability Management technology, reinforced via the network effect with the power of Secureworks' threat intelligence from its 4100 customers, McLaren improved visibility of its environment to 95% and boosted

its patching. As a result, it used data driven decisions to achieve a 50% reduction in vulnerabilities, enhancing resilience, with Windows 10 as the driver for change.

Conclusion

McLaren values its partnership with Secureworks. "It brings peace of mind and provides assurance to our prospective customers. Having the ability to showcase an industry leading partner in the cybersecurity world gives our prospective customers confidence that their data stays safe," says Fernley.

In the future, he sees the partnership moving beyond the purely operational towards consultancy and proactive business services. He anticipates using the Secureworks Security Maturity Model to help McLaren's security posture mature yet further.

By supplying technical expertise, thought leadership and scale in areas where McLaren's security team needs extra resource, Secureworks lets McLaren focus on the bigger picture in security terms. "Undoubtedly the biggest benefit is having the burden of running a SOC taken off our hands," says Fernley. "It gives us the freedom to go out, understand the business and align security to strategy. Security is no longer seen as a blocker. Instead, it's an enabler."

95%

**improved visibility
in McLaren's
environment
boosted its patching**

About Secureworks

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



For more information, call
US: 1-877-838-7947 or
UK: +44 (0) 131 260 3044
to speak to a Secureworks
security specialist.
[secureworks.com](https://www.secureworks.com)