FlexPod®

Aston Martin F1 and NetApp: Data fueled, race ready

NetApp helps Aston Martin F1 use data to go faster

The best Formula One teams are built on partnerships that drive innovation and push the limits of performance. NetApp helps the Aston Martin Aramco Cognizant Formula One™ Team (AMF1) maximize the potential of its data, gain speed on and off the track, and accelerate its climb to the top.

When Aston Martin F1 and NetApp team up, innovation leads the way to success. With the ability to gain speed on and off the track, AMF1 is unlocking the value of its data one race at a time. The winning combination of NetApp, VMware, and FlexPod gives AMF1 the horsepower it needs to maintain pole position.

Fast can always be faster

Performance is everything at AMF1. For IT, that means getting technology changes onto the car as quickly as possible so the team can translate them into performance on the track. Like a world-class pit crew, the partnership between NetApp® technology, VMware, and FlexPod® data center solution from NetApp and Cisco provides endless performance benefits to help achieve maximum operational efficiency everywhere, from edge to core to cloud.

"Without data, we can't even get the car to move, let alone race," says Brian Johnston, head of IT Trackside at AMF1. "NetApp gives us the reliability, scalability, and availability to access our data from the trackside to the factory, helping us stay at the top of our game."

AMF1 uses its modern data management solution to unlock the value of telemetry and analytics. Using containers with Kubernetes and NetApp Astra™ Trident storage orchestrator, AMF1 leverages massive amounts of data to gain milliseconds of performance when it matters most.

Bringing it across the line

From factory to wind tunnel to trackside, everything across the team's infrastructure must flow effortlessly and be available the instant it's needed. No matter what aspect of performance the data is driving, AMF1 knows that speed is valuable only if it gets the team across the finish line. NetApp solutions ensure enterprise reliability and continuous operations. AMF1's NetApp infrastructure allows it to get back up and running quickly in the event of an outage, so it doesn't lose any momentum.

Forward focused, never idle

At AMF1, the best performance and reliability one day becomes the starting point for the next. Its IT team constantly pushes for increased agility, more speed, and greater reliability. Its future-proof NetApp storage solution makes it easy to monitor, troubleshoot, and optimize all virtual machines, resources, and applications, on premises and in the cloud.

In racing and in business, knowledge is the slipstream of innovation. The ability to grow and scale quickly gives AMF1 the flexibility and capabilities it needs, when it needs them, without fear of running out of track at a critical moment. NetApp ONTAP® data management software helps AMF1 achieve a consistent experience from the trackside to the factory that helps it pull away from the competition.

Improved time to service and race readiness

AMF1 is increasing speed and enabling ease of data mobility between global platforms, giving the team the ability to analyze and refine the car in real time before, during, and after the race.

Investment in innovation

With its modern data-management solution built on NetApp, AMF1 can maximize budget and fuel investment in the car and the team by optimizing IT spending across its entire environment.

About AMF1

After more than 60 years away from Formula One, Aston Martin returned to the grid in 2021. Based in Northamptonshire, Aston Martin Aramco Cognizant Formula One™ Team has more than 600 passionate people at its heart, making a team with both a rich heritage and a fresh perspective – bringing new energy to the sport with a determination to shake up the order and compete at the sharp end.

Key benefits

- **Reduced complexity**
  AMF1 standardized on a NetApp control plane across all its workloads from factory to trackside to cloud, simplifying management and increasing availability.

- **Improved time to service and race readiness**
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- **Investment in innovation**
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About NetApp

In a world full of generalists, NetApp is a specialist. We're focused on one thing, helping your business get the most out of your data. NetApp brings the enterprise-grade data services you rely on into the cloud, and the simple flexibility of cloud into the data center. Our industry-leading solutions work across diverse customer environments and the world's biggest public clouds.

As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services, and applications to the right people—anytime, anywhere. www.netapp.com

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