

E-BOOK

# Unlocking the best of cloud at TAG Heuer Porsche Formula E Team



OFFICIAL PARTNER





## Challenges

Everywhere it competes, Porsche Motorsport needs to make sure that all race team collaborators are seeing and working on the same data—whether they're at the track, at its Weissach, Germany Porsche Motorsport HQ or somewhere else. This is especially true in the ABB Formula E World Championship, which is a data-intensive motorsport of the highest order.

For the TAG Heuer Porsche Formula E Team to succeed in its quest for a championship, they need all of their data to be synchronized across every access point—before, during, and after the race. At the same time, data must be secure and backed up with all archived data available from any location.

**Learn** more about NetApp solutions for automotive.

# Driving real-time decision making at Porsche Motorsport

## At the racetrack

- Race setup and strategy are real-time, data-intensive activities.
- Data streams include:
  - Live telemetry from car
  - Download telemetry from car
  - Simulation data
- ABB Formula E World Championship rules limit the number of people and the amount of equipment at the track.
- Teams do not have access to the IT kit between races.



## At Weissach, Germany Porsche Motorsport HQ

- Additional team members support real-time data analysis to help maximize race performance.
- It's essential for everyone to see the same data in real time.
- Speed is the key to real-time decision making, which demands:
  - Efficient data transfers
  - Low latency
  - Scalable performance
- Data is generated between races with ongoing analysis and simulation

**Discover** more about our partnership with Porsche Motorsport.

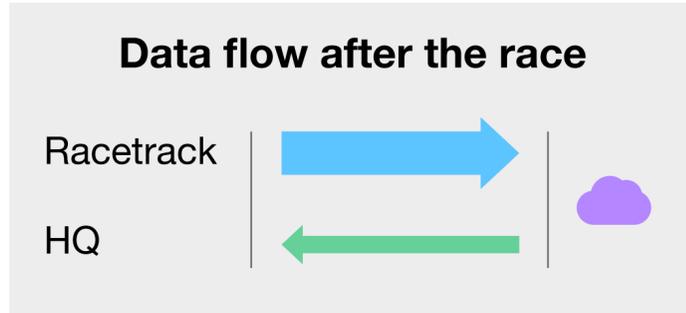
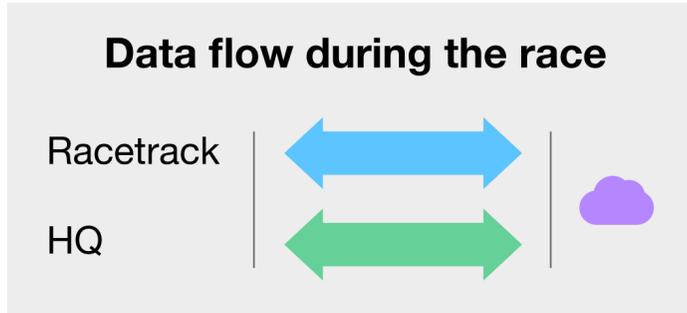
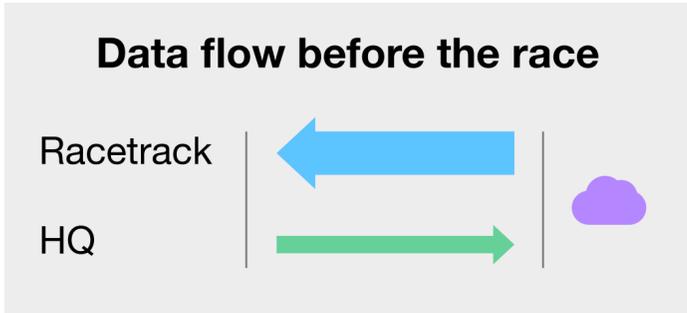
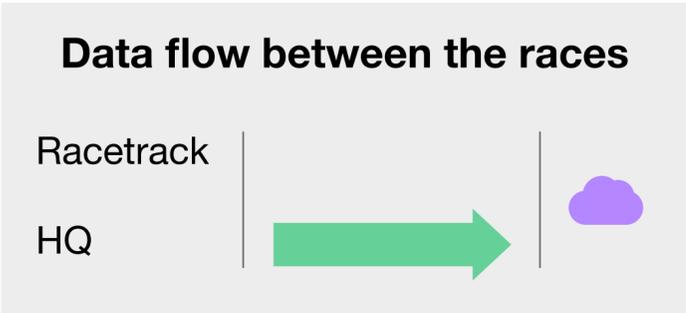
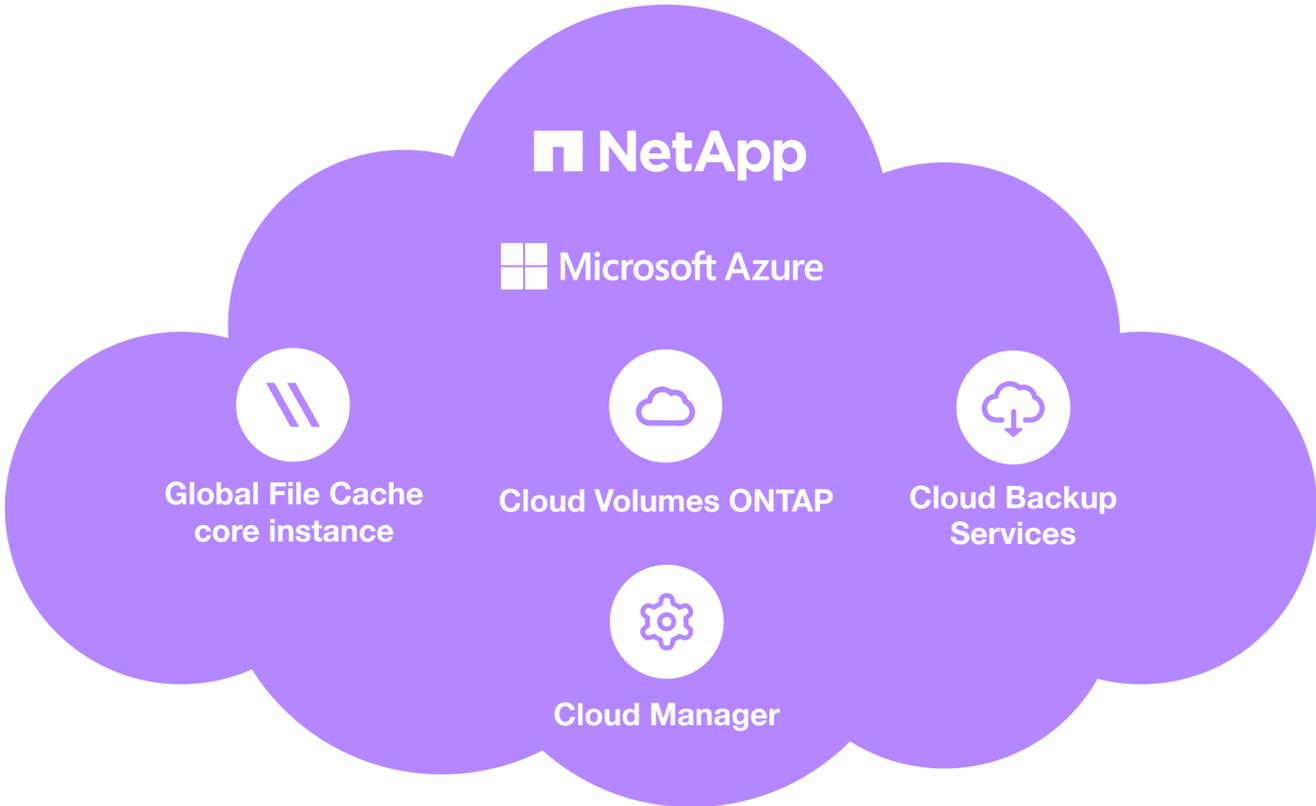


**NetApp**

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# Enterprise-grade innovation in the cloud



# Brought together in the cloud

NetApp® technology solutions enable the TAG Heuer Porsche Formula E Team to access data in real time to support driver and team performance. Live analysis at the track and at HQ informs race strategy, supports data-driven decision making, and predicts outcomes to aid the trackside team.

Whether data is collected from the car or created through simulations, a single version of the truth is held in NetApp Cloud Volumes ONTAP® in a Microsoft Azure cloud. The data is processed synchronously with the help of NetApp Global File Cache across multiple locations. NetApp Cloud Backup ensures that data is backed up and secure, with archived data available at all locations.

**Get in touch** with us at [automotive@netapp.com](mailto:automotive@netapp.com)

# NetApp solutions



## NetApp Cloud Volumes ONTAP

Core storage platform on Azure acts as a hub that consolidates all the data.



## NetApp Global File Cache

Provides local edge instances, enabling low-latency access to a common dataset both at the on-premises R&D center and at the racetrack.



## NetApp Cloud Backup

Provides backup and archive layer for the consolidated cloud data.

# 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.

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