



HP Supports Scuderia Ferrari HP in Enhancing Performance

HP works alongside the Formula 1 team to drive innovation through a unified ecosystem.



FERRARI
TITLE
PARTNER

In Formula 1, performance is measured in milliseconds, and success depends not only on engineering excellence but on the strength of the technology ecosystem behind it. Through the partnership, HP is helping the team accelerate its digital transformation by integrating high-performance computing, intelligent insights, and secure infrastructure to drive innovation on and off the track.

Driving Innovation

Behind every Scuderia Ferrari HP success is a crew of engineers, data scientists, and technologists pushing the limits of innovation. Rooted in heritage and driven by transformation, the team's digital strategy balances the reliability of legacy systems with the need to accelerate change.

"Racing pushes everything to the limit," says Pier Paolo Lugli, Data Transformation, R&D and Infrastructure Manager, Scuderia Ferrari. "The car, the team, and the tools we use."

In the high-stakes world of Formula 1, reliability and efficiency are critical. Managing vast volumes of data is a daily challenge, with dedicated teams focused on simulation and analysis. Engineers and designers rely on high-performance workstations, while production teams depend on technology that is perfectly tailored to their specific, high-pressured workloads—freeing them to concentrate on strategy and problem-solving rather than technical issues.

Industry

Motorsport

Country

Italy

"HP technology gives us the speed and reliability to keep up with roughly three times faster CPU and four times faster graphics compared to the previous solution. That's critical when confident decisions directly impact consistency and strategy."

Pier Paolo Lugli, Data Transformation, R&D and Infrastructure Manager, Scuderia Ferrari HP



“Collaboration is smoother because the technology becomes invisible.”

Giorgio Petrantonakis
End User Tool Manager
Ferrari



To support this, HP has built a unified technology ecosystem to enhance precision, ensure security, and enable seamless collaboration.

Central to the new environment is the HP Workforce Experience Platform (WXP)¹, which provides real-time monitoring of device usage, performance, and health. By turning data from multiple devices and applications into actionable insights, the platform enables smarter resource allocation, streamlined management, and a personalized technology experience for every team member.

“HP technology gives Ferrari the power and reliability we need; when tools just work, the team can focus on problem-solving and sharing complex data instantly,” says Giorgio Petrantonakis, End User Tool Manager, Ferrari. “Collaboration is smoother because the technology becomes invisible.”

And by deploying the latest generation of HP ZBook workstations to manage rapid component updates, the team has cut task iteration times and large drawing loads by half. Feature sequences now run at just 43% of their previous runtime, enabling faster validation, quicker reactions, and more confident real-time decisions when every second counts.²

Eliminating Friction: Proactive Intelligence and the Future of Performance

The partnership with HP has implemented a transformation in the team’s way of working, and the performance gains extend across Ferrari’s environment as the team strategically deploys the HP Z2 Mini to accelerate critical workflows.





“Understanding how people work and preventing frustrations before they happen has been a game-changer.”

Giorgio Petrantonakis, End User Tool Manager
Ferrari

By leveraging its capabilities, the team has reduced large drawing loads by up to 52%—driving greater efficiency and strengthening performance across the Scuderia Ferrari HP team.²

Using HP's Next Gen AI PCs, the team can also accelerate the path from concept to code. “It not only helps us transfer ideas much quicker, but it also helps us diagnose and resolve issues with way more ease,” says Paul Wang, Team Leader Aerodynamics Software, Scuderia Ferrari HP. Plus, with the all-day battery life of HP AI PCs, they can maintain uninterrupted momentum—working seamlessly and staying focused without disruption.

This commitment to performance also includes HP 7 Series monitors, chosen by Scuderia Ferrari HP for the visual accuracy required in complex CAD (computer-aided design) and mechanical design workflows, from power unit to chassis development.

“HP technology gives us the speed and reliability to keep up with roughly three times faster CPU and four times faster graphics compared to the previous solution,” says Lugli.² “That’s critical when confident decisions directly impact consistency and strategy.”

Shifting toward service-based management supports Scuderia Ferrari HP’s goals of flexibility and scalability. Using HP’s proactive support, the team can minimize downtime and resolve issues before they disrupt operations. This reliability allows teams to stay focused, agile, and free to innovate.

“HP Workforce Experience Platform offers something unique, through end-to-end telemetry across our entire technology stack,” adds Petrantonakis. “Understanding how people work and preventing frustrations before they happen has been a game-changer.”



52%

Reduction in large drawing loads²

57%

Reduction in runtime achieved for feature sequences²

Safeguarding the Edge: Seamless Connectivity Meets Total Protection

Digital transformation requires empowering a global workforce through a unified technology environment designed to increase efficiency and accelerate performance. With international units operating across time zones, it's essential to ensure consistent, high-quality communication worldwide, regardless of where the race takes them.

By leveraging cloud-based platforms and real-time data sharing, Scuderia Ferrari HP keeps remote and onsite teammates connected through integrated video and audio-conferencing tools. "The new HP tools not only simplify connectivity but also reduce desk clutter through integrated docks and single-cable setups, making it easy to pack up when we're on the go," says Wang.

This philosophy of streamlined efficiency extends beyond the screen and into the physical workspace. Through HP Managed Print Services³, Scuderia Ferrari HP has optimized document workflows, eliminating manual hurdles like toner replacement.

By treating the printer as an intelligent endpoint, the team leverages predictive analytics to maintain peak performance without distraction.

However, when confidential engineering designs and CAD data represent critical competitive assets, workflow efficiency matters—but data protection comes first. HP helps Scuderia Ferrari HP safeguard its sensitive data across three main pillars, starting with uncompromising device security. By utilizing HP Protect and Trace on AI PCs and Z Workstations, the team can locate, lock, and remotely wipe data—even if a device is powered off. Scuderia Ferrari HP extends this vigilance to its mobile workforce via HP Sure View, shielding on-screen information from unauthorized eyes in public spaces. Finally, the team completes this circle of protection with HP Secure Print⁴, enforcing strict user authentication to ensure confidential documents never sit exposed on a paper tray.

"HP technology gives Ferrari the power and reliability we need across the entire enterprise. When tools just work, our teams can focus on problem-solving and sharing complex data instantly."

Giorgio Petrantonakis, End User Tool Manager, Ferrari



Solution at a glance

HP Services

- HP Protect & Trace
- HP Managed Print Services

HP Hardware

- HP Next Gen AI PCs
- HP ZBooks

HP Software

- HP Workforce Experience Platform
- HP Advance⁵

3x

Faster CPU performance²

4x

Faster graphics performance²

“Scuderia Ferrari HP and HP share the principles of collaboration, attention, and ambition. This alignment has been a key element of our partnership.”

Stefano Maltomini, Head of Digital Transformation
Ferrari Racing

Learn more at hp.com/hp-services

HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

1. The Workforce Experience Platform (WXP) is available in various tiers and for multiple term license durations, and some features require optional add-on solutions. WXP is for commercial customers and some features and capabilities may require additional purchase of HP services and/or commercial hardware capable of supporting the HP Insights agent for Windows, Mac, and Android. WXP is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Activation and restrictions may apply. Select HP solutions require an HP Insights agent for Windows, Mac, and Android, available for download at <https://workforceexperience.hp.com/software>. For full system requirements and services that require the agent, please visit <https://workforceexperience.hp.com/requirements>. The agent collects telemetry and analytics around devices and applications that integrate into the Workforce Experience Platform. Internet access required. WXP Collaboration license required for audio and video collaboration technology monitoring. HP Anyware license or compatible third-party virtual machine license required for virtual machine monitoring.
2. Based on internal analysis by Scuderia Ferrari HP.
3. HP Managed Print Services is an end-to-end managed service covering fleet optimization, security, operations, insights, and lifecycle management.
4. HP Secure Print works with most network-connected printers and MFPs. On-device authentication requires HP FutureSmart firmware 4.8 or newer. Supported card readers include X3D03A (HP USB Universal Card Reader) and Y7C05A (HP HIP2 Keystroke Reader). Internet connection required. For more information, see hp.com/go/secureprint
5. HP Advance works with most network-connected printers and MFPs. On-device authentication requires HP FutureSmart firmware 4.8 or newer. Supported card readers include X3D03A (HP USB Universal Card Reader) and Y7C05A (HP HIP2 Keystroke Reader). Internet connection required for some functionality. For more information, see hp.com/go/advance.

© Copyright 2026 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

