



Horse Powertrain launches kAIros to develop an AI Factory and expand industrial AI capabilities

- The initiative combines cloud agility with local high-performance computing, with ambitions to reduce time-to-market by nearly 50%, cut low-value process work by 40% and improve design cycle efficiency by 25%.
- kAIros is intended to support faster development, stronger simulation and more efficient operations across the business, from R&D through to sales.
- At the heart of the initiative is an AI Factory supporting model training, simulation, digital twins and other industrial AI use cases.

Madrid, (X March 2026) - Horse Powertrain, a global leader in innovative and low-emission powertrain systems, today announced the launch of kAIros, a company-wide AI initiative led by its Horse Technologies division, with ambitions to reduce time-to-market by nearly 50%, cut low-value process work by 40% and improve design cycle efficiency by 25%. Supported by NVIDIA, Google Cloud and Deloitte, the initiative is intended to improve how the company designs, engineers, produces and operates across the business.

kAIros is part of Horse Powertrain's broader effort to strengthen the competitiveness of advanced manufacturing in Europe by applying AI to development, simulation and industrial operations. By combining next-generation supercomputing with cloud platforms, the company aims to build the computing power, security and scalability needed to support that work across the business and strengthen long-term industrial innovation capability.

AI Factory to support industrial AI applications

At the heart of kAIros is the Horse Powertrain AI Factory, supporting AI use cases across engineering and production, including model training, simulation and digital twins, with the aim of accelerating industrial innovation and real-world deployment. A key part of the concept is the generation of training data to help continuously improve models and digital twins over time. The AI Factory includes:

- NVIDIA RTX PRO servers equipped with NVIDIA RTX PRO 6000 Blackwell Server Edition GPUs
- Google Cloud NVIDIA RTX 6000 Blackwell Server Edition GPUs
- NVIDIA AI software including CUDA-X, Omniverse and Cosmos, helping accelerate application development across the business

These capabilities allow Horse Powertrain to run advanced simulations and optimize operations in real time across products, factories, warehouses and logistics flows. Google Gemini Enterprise supports the deployment of AI agents across the company, helping reduce coordination work that takes time without adding value.

kAIros also supports work in physical AI, connecting real-world operations with virtual systems in real time. This can help systems understand their environment, support autonomous decision-making and work directly with cobots, automated guided vehicles and smart machines on the production floor. This supports automated video-based quality inspection, faster product simulation and intelligent robotics for process optimization.

A Center of Excellence will lead the development of internal AI capabilities, with a multifunctional team drawn from across the business building applications that support the initiative and help scale industrial AI expertise across the organization.

Registered Office Address
Monomark House
27 Old Gloucester Street
London, England, WC1N 3AX
Registration N°: 15239961

Visiting Office Address
Paddington Central
4 Kingdom Street
London, England, W2 6BD
United Kingdom



Alongside the Center of Excellence, the AI Factory will support scenario simulation, algorithm optimization and the development of intelligent propulsion solutions, with the goal of improving operational efficiency and predictive accuracy.

The initiative is also intended to help build long-term industrial AI capability relevant to advanced manufacturing in Europe.

Patrice Haettel, COO of Horse Powertrain and Chief Executive Officer of Horse Technologies, said:

“Industry advances at moments when technology doesn't just follow change. It drives it. With kAlros, we are taking a decisive step into a new era where AI can redefine speed, cost, efficiency and sustainability. Our goal is to turn data into knowledge, simulations into real value, and innovation into competitive advantage. Horse Powertrain aims to be more agile and reliable because we understand that AI is not just a tool and kAlros is among the first AI factories in Europe for the automotive industry.”

Deloitte is supporting Horse Powertrain in shaping its AI strategy and delivering a transformation plan that brings together multiple use cases. These combine simulation, data and visualization to anticipate behavior, predict outcomes and support better decision-making, helping address key challenges in physical AI.

ENDS

About Horse Powertrain

Horse Powertrain is a new global leader in hybrid and combustion powertrain solutions, supporting automotive OEMs with a range of systems including engines, transmissions, power electronics, and integrated hybrid platforms. Consisting of two divisions, Aurobay Technologies and Horse Technologies, Horse Powertrain operates 17 plants and 5 R&D centers globally, serving a range of OEMs including Renault Group, Geely Auto, Volvo Cars, Proton, Nissan, and Mitsubishi Motors Corporation. Horse Powertrain is headquartered in London, UK, and employs 19,000 people globally. The company's three shareholders are Renault Group (45%), Geely (45%), and Aramco (10%).

For more information, please contact:

- **Alvaro Fernandez:** alvaro.fernandez@horse.tech; +34 699068082
- **Performance Communications:** horse@performancecomms.com

Registered Office Address
Monomark House
27 Old Gloucester Street
London, England, WC1N 3AX
Registration N°: 15239961

Visiting Office Address
Paddington Central
4 Kingdom Street
London, England, W2 6BD
United Kingdom