

Groupe Renault and Google Cloud Partner to Accelerate Industry 4.0

Groupe Renault teams up with Google Cloud to accelerate the digitization of their production facilities and supply chain.

This collaboration brings Google Cloud's strength in machine learning and artificial intelligence together with Renault's expertise in automotive manufacturing to create new industrial solutions.

The two companies also intend to start a program to grow Groupe Renault employees' digital skills and competencies.

Paris, France, and Sunnyvale, CA, July 9, 2020 – Groupe Renault and Google Cloud today announced a new industrial and technology partnership to accelerate the digitization of Groupe Renault's industrial system and of Industry 4.0 transformation.

Digitize manufacturing plants and develop industry solutions

A recognized contributor to Industry 4.0, Groupe Renault has been developing its own digital platform since 2016 to connect and aggregate industrial data from 22 Group sites worldwide (representing 76% of vehicle production) and more than 2,500 machines. This new partnership with Google Cloud aims, among other things, at optimizing Groupe Renault's wholly-owned and independently operated industrial data management platform.

Google Cloud's solutions and experience in smart analytics, machine learning (ML) and artificial intelligence (AI) will enable Groupe Renault to improve its supply chain and manufacturing efficiency, its production quality, and the reduction in environmental impact through energy savings.

These improvements will ultimately foster the development of new vertical solutions for the automotive industry.

Develop digital skills

Employee training is also an essential part of this new partnership. Groupe Renault and Google Cloud plan to build a unique and scalable program to enhance Renault process engineering, manufacturing and IT teams' skills via coworking, training and enablement sessions with the Google team. This program's objective is to enhance a data-driven culture that is an essential part of Renault employees' daily professional lives, in operational as much as in decision-making processes.

"This collaboration is a perfect illustration of Groupe Renault' digital strategy, applied here to the industrial field. This agreement and the commitment of our IT, manufacturing and supply chain management teams will allow us to accelerate the deployment of our Industry 4.0 plan designed to transform and connect our production sites and logistics processes around the world to improve our standards of excellence and performance. This partnership is also an asset for Groupe Renault employees who will benefit from high-level training in digital data management." underlines José Vicente de los Mozos, Director of Manufacturing and Logistics, member of Groupe Renault's Executive Committee.

"The automotive industry has innovation in its DNA, and there is immense potential for digital technology to have a significant impact on production. We are proud to be partnering with Groupe Renault to help revolutionize the future of automotive manufacturing and power the next generation of supply chain excellence." added Thomas Kurian, CEO of Google Cloud

About Groupe Renault

Groupe Renault has manufactured cars since 1898. Today it is an international multi-brand group, selling close to 3.8 million vehicles in 134 countries in 2019, with 40 manufacturing sites, 12,700 points of sales and employing more than 180,000 people. To address the major technological challenges of the future, while continuing to pursue its profitable growth strategy, Groupe

Renault is focusing on international expansion. To this end, it is drawing on the synergies of its five brands (Renault, Dacia, Renault Samsung Motors, Alpine and LADA), electric vehicles, and its unique alliance with Nissan and Mitsubishi Motors. With a 100% Renault owned team committed to the Formula 1 World Championship since 2016, the brand is involved in motorsports, a real vector for innovation and awareness.

About Google Cloud

Google Cloud provides organizations with leading infrastructure, platform capabilities and industry solutions. We deliver enterprise-grade cloud solutions that leverage Google's cutting-edge technology to help companies operate more efficiently and adapt to changing needs, giving customers a foundation for the future. Customers in more than 150 countries turn to Google Cloud as their trusted partner to solve their most critical business problems.

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