

Héricourt, 17 June 2021

## GAUSSIN SELECTS NVIDIA DRIVE AGX PLATFORM FOR INTELLIGENT FREIGHT TRANSPORTATION SOLUTION

### Centralized onboard computer to transform trucking industry and accelerate the transition to zero-emissions

GAUSSIN (EURONEXT GROWTH: ALGAU - FR0013495298), a pioneer of zero-emission and smart freight transportation, announced today that it has selected the NVIDIA DRIVE AGX Xavier™ platform to power its centralized intelligent driving system, which is designed to transform the trucking industry and accelerate the transition to zero-emission freight transportation.

In April 2021, GAUSSIN launched the world's first "skateboard" for Class 8 tractor or straight trucks from 18 tons to 44 tons, hydrogen or all-electric.

The solution—which is a rolling, versatile and modular platform—is aimed at both traditional truck manufacturers and new entrants, as well as truck-body builders and autonomous navigation software players. Additionally, GAUSSIN's skateboard targets companies wishing to have access to a hydrogen and electric truck platform for clean and intelligent transport.



Class 8 6x4 tractor hydrogen powered

[To access the video presentations of the "Skateboard", click here](#) and [here](#)

GAUSSIN's skateboard aims to become the reference platform in the trucking industry by creating an extensive community of reference, regional and commercial technology partners. The company facilitates integration through documentation, training and standardization of the various mechanical and software interfaces.

**NVIDIA DRIVE AGX Xavier AI platform for highly automated and autonomous driving to provide the GAUSSIN skateboard supercomputing capabilities**

NVIDIA DRIVE AGX Xavier delivers 30 TOPS (trillion operations per second). At its core is the first-ever production auto-grade Xavier SoC (system-on-a-chip), which incorporates six different types of processors, including a CPU, GPU, Deep Learning Accelerator (DLA), Programmable Vision Accelerator (PVA), Image Signal Processor (ISP) and stereo/optical flow accelerator.

This massive compute capability allows GAUSSIN to centralize its skateboard architecture. It facilitates the integration of systems and opens the door to AI-powered solutions, using a single framework and interface. The platform concept extends to the software through a dedicated API to rapidly develop tailored applications.

## Ongoing Collaboration

In addition to the integration of NVIDIA DRIVE technology, GAUSSIN plans to look at leveraging other NVIDIA solutions for its autonomous system applications that include driving tasks, robotic arms and shipping yard management system solutions. Specifically, GAUSSIN plans to transition to NVIDIA DRIVE Orin for additional high-performance compute capabilities for Level 4 autonomy. With NVIDIA DRIVE technology, GAUSSIN will provide an industrial, safe, scalable and tailored solution for its complete portfolio.

### Upcoming events

SIA: June 16 & 17, 2021 in Belfort

## About GAUSSIN

GAUSSIN is an engineering company that designs, assembles and sells innovative products and services in the transport and logistics field. Its know-how encompasses cargo and passenger transport, autonomous technologies allowing for self-driving solutions such as Automotive Guided Vehicles, and the integration all types of batteries, electric and hydrogen fuel cells in particular. With more than 50,000 vehicles worldwide, GAUSSIN enjoys a strong reputation in four fast-expanding markets: port terminals, airports, logistics and people mobility. The group has developed strategic partnerships with major global players in order to accelerate its commercial penetration: Siemens Postal, Parcel & Airport Logistics in the airport field, Bolloré Ports and ST Engineering in ports and Bluebus for people mobility. GAUSSIN has broadened its business model with the signing of license agreements accelerating the diffusion of its technology throughout the world. The acquisition of METALLIANCE confirms the emergence of an international group present in all segments of intelligent and clean vehicles.

In October 2019, the Group won the World Autonomous Vehicle Transport Competition "Category leader" - "Better energy and environmental sustainability".

GAUSSIN has been listed on Euronext Growth in Paris since 2010.

More information on [www.GAUSSIN.com](http://www.GAUSSIN.com).



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**For more information about GAUSSIN, go to [www.GAUSSIN.com](http://www.GAUSSIN.com)**

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