ZF, HELLA, NVIDIA Partner to Increase Safety of Self-Driving Vehicles

Strategic Partnership to Bring NCAP Safety Solutions to Market

NVIDIA today announced it has formed a strategic partnership with ZF and HELLA to deliver AI technology with the New Car Assessment Program (NCAP) safety certification for the mass deployment of self-driving vehicles. The agreement is non-exclusive.

ZF, one of the industry's largest automotive suppliers, and HELLA, a leading tier 1 supplier of camera perception software and sensor technologies, will provide customers with a complete self-driving system that integrates front camera units, as well as supporting software functions and radar systems.

Using the NVIDIA DRIVE™ PX AI platform, the partnership aims to produce the highest NCAP safety ratings for passenger cars, while also addressing commercial vehicle and off-highway applications. NVIDIA DRIVE PX offers both NCAP safety and self-driving capabilities on a single platform ready for production.

NVIDIA DRIVE PX will enable ZF and HELLA to develop software for scalable systems starting from modern driver assistance systems that connect their advanced imaging and radar sensor technologies for autonomous driving functionality.

"Creating a self-driving car is one of society's most important endeavors -- and one of the most challenging to deliver," said Jensen Huang, founder and CEO, NVIDIA. "Our work with ZF and HELLA will bring AI self-driving solutions that include NCAP safety for millions of cars worldwide."

Dr. Stefan Sommer, CEO of ZF Friedrichshafen AG, said: "We are building up a powerful ecosystem step by step. Earlier this year ZF became the first supplier to adopt NVIDIA AI technology for cars and commercial vehicles in the ZF ProAI box. Just a few days ago HELLA and ZF joined forces in a non-exclusive partnership, and now together we are partnering with NVIDIA to make our roads safer and to support the development of autonomous driving functions."

Dr. Rolf Breidenbach, CEO at HELLA KGaA Hueck & Co., said: "Combining our expertise in front camera perception software and radar sensor technologies with NVIDIA's expertise in deep learning hardware and software will drive technological developments for broad adoption of self-driving capabilities across many transportation segments."

About ZF
ZF is a global leader in driveline and chassis technology, as well as active and passive safety technology, with a global workforce of about 137,000 with approximately 230 locations in some 40 countries.

About HELLA
HELLA develops radar technology, NCAP detection core software, as well as testing services to automakers and tier 1 suppliers, with about 36,000 employees with approximately 125 locations in some 35 countries.

About NVIDIA
NVIDIA's (NASDAQ: NVDA) invention of the GPU in 1999 sparked the growth of the PC gaming market, redefined modern computer graphics and revolutionized parallel computing. More recently, GPU deep learning ignited modern AI -- the next era of computing -- with the GPU acting as the brain of computers, robots and self-driving cars that can perceive and understand the world. More information at http://nvidianews.nvidia.com/.

Certain statements in this press release including, but not limited to, statements as to: the goals, impact and benefits of the partnership amongst NVIDIA, ZF and HELLA; and the benefits of NVIDIA DRIVE PX are forward-looking statements that are subject to risks and uncertainties that could cause results to be materially different than expectations. Important factors that could cause actual results to differ materially include: global economic conditions; our reliance on third parties to manufacture, assemble, package and test our products; the impact of technological development and competition; development of new products and technologies or enhancements to our existing product and technologies; market acceptance of our products or our partners' products; design, manufacturing or software defects; changes in consumer preferences or demands; changes in industry standards and interfaces; unexpected loss of performance of our products or technologies when integrated into systems; as well as other factors detailed from time to time in the reports NVIDIA files with the Securities and Exchange Commission, or SEC, including its Form 10-Q for the fiscal period ended April 30, 2017. Copies of reports filed with the SEC are posted on the company's website and are available from NVIDIA without charge. These forward-looking statements are not guarantees of future performance and speak only as of the date hereof, and, except as required by law, NVIDIA disclaims any obligation to update these forward-looking statements to reflect future events or circumstances.

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