Electric Vehicle Pioneer Arrival Partners With Ambarella to Deliver Advanced Driver Assistance Systems (ADAS)

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Arrival Selects Ambarella AI Vision Processor to Enable Autonomous Driving and ADAS Features

SANTA CLARA, Calif., June 30, 2021 (GLOBE NEWSWIRE) -- Ambarella, Inc. (NASDAQ: AMBA), an AI vision silicon company, today announced that Arrival (NASDAQ: ARVL), the global company creating electric vehicles (EVs) with its unique technologies, has selected the Ambarella CV2FS CVflow® AI vision processor for the environmental perception module available for all types of Arrival vehicles. The module will be used to enable autonomous driving (AD) and ADAS features in the Arrival Bus and Van.

Arrival believes it will accelerate the mass adoption of EVs globally by producing affordable commercial vehicles across the whole transportation ecosystem, and working closely with cities and governments to transform mobility.

The ADAS features will provide commercial sector vehicles with advanced safety and convenience-related driver assistance capabilities, including lane departure warning (LDW), lane keeping assist (LKA), vehicle, pedestrian and cyclist detection, blind spot monitoring (BSM), traffic sign recognition (TSR) and traffic light recognition (TLR). All of these capabilities are of paramount importance where commercial vehicles are operating in busy urban environments and driving a significantly higher mileage than consumer cars, enabling them to operate as safely and efficiently as possible. This platform enables the highest levels of autonomy without the need for hardware upgrades in the future.

“We are excited to be partnering with Ambarella, whose CV2FS AI vision processor provides the required neural network processing performance, stereovision support and excellent image quality, all running at extremely low power. This enables Arrival to bring ADAS features to commercial vehicles and operators to make their fleets safer and more efficient,” said Sergey Malygin, EVP of Technology at Arrival.

“Arrival has the potential to transform urban mobility with its integrated transportation ecosystem that includes vehicles, digital tools and Microfactories,” said Fermi Wang, CEO of Ambarella. “Our AI-based vision processing is enabling Arrival to meet the ever-increasing performance and functional safety requirements for autonomous vehicles.”

The Ambarella CV2FS AI vision processor offers an open platform for differentiated, high-performance automotive systems and is designed to enable safety-critical applications. With CVflow AI processing and ASIL-B(D) compliance, CV2FS targets forward-facing monocular and stereo vision ADAS cameras, as well as computer vision ECUs for high levels of autonomy.

About Arrival

Arrival (NASDAQ: ARVL), a joint stock company (*société anonyme*) governed by the laws of the Grand Duchy of Luxembourg, is reinventing the automotive industry with its entirely new approach to the design and assembly of electric vehicles. Low CapEx, rapidly scalable Microfactories combined with proprietary in-house developed components, materials and software, enable the production of best in class vehicles competitively priced to fossil fuel variants and with a substantially lower total cost of ownership. This transformative approach provides cities globally with the solutions they need to create sustainable urban environments and exceptional experiences for their citizens. Arrival is a global business founded in 2015 and headquartered in London, UK and Charlotte, North Carolina, USA, with more than 1,900 global employees located in offices across the United States, Germany, the Netherlands, Israel, Russia, and Luxembourg. The company is deploying its first four Microfactories in North Carolina, USA, South Carolina, USA, Bicester, UK and Madrid, Spain.

About Ambarella
Ambarella’s products are used in a wide variety of human and computer vision applications, including video security, advanced driver assistance systems (ADAS), electronic mirror, drive recorder, driver/cabin monitoring, autonomous driving, and robotic applications. Ambarella’s low-power systems on chip (SoCs) offer high-resolution video compression, advanced image processing, and powerful deep neural network processing to enable intelligent cameras to extract valuable data from high-resolution video streams. For more information, please visit www.ambarella.com

Contacts
Ambarella Sales Contact: www.ambarella.com/about/contact/inquiries
Ambarella Media Contact: Eric Lawson, elawson@ambarella.com, (480) 276-9572
Ambarella Investor Relations Contact: Louis Gerhardy, lgerhardy@ambarella.com, (408) 636-2310

Arrival Contact: Rachael Charlton, pr@arrival.com

Forward Looking Statements
This press release contains certain forward-looking statements within the meaning of the federal securities laws, including statements regarding the products offered by Arrival and the markets in which it operates, Arrival’s ability to produce electric commercial vehicles, expectations regarding Arrival’s ability to enable AD and ADAS features in the Arrival Bus and Van, expectations regarding the mass adoption of EVs, expectations regarding

the benefits of the collaboration between Arrival and Ambarella and expectations regarding the benefits of Arrival's Microfactories. These forward-looking statements generally are identified by the words "believe," "project," "expect," "anticipate," "estimate," "intend," "strategy," "future," "opportunity," "plan," "may," "should," "will," "would," "will be," "will continue," "will likely result," and similar expressions. Such statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 and are based on management's belief or interpretation of information currently available. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this document, including, but not limited to: (i) the impact of COVID-19 on Arrival's business; (ii) the risk of downturns and the possibility of rapid change in the highly competitive industry in which Arrival operates, (iii) the risk that Arrival and its current and future collaborators are unable to successfully develop and commercialize Arrival's products or services, or experience significant delays in doing so, (iv) the risk that Arrival may never achieve or sustain profitability; (v) the risk that Arrival experiences difficulties in managing its growth and expanding operations, (vi) the risk that third-parties suppliers and manufacturers are not able to fully and timely meet their obligations; (vii) the risk that the utilization of Microfactories will not provide the expected benefits due to, among other things, the inability to locate appropriate buildings to use as Microfactories, Microfactories needing a larger than anticipated factory footprint, and the inability of Arrival to deploy Microfactories in the anticipated time frame; (viii) the risk that the orders that have been placed for vehicles, including the order from UPS, are cancelled or modified; (ix) the risk of product liability or regulatory lawsuits or proceedings relating to Arrival's products and services; and (x) the risk that Arrival will need to raise additional capital to execute its business plan, which may not be available on acceptable terms or at all; and (xi) the risk that Arrival is unable to secure or protect its intellectual property. The foregoing list of factors is not exhaustive. You should carefully consider the foregoing factors and the other risks and uncertainties described in the "Risk Factors" section of Arrival's annual report on Form 20-F filed with the U.S. Securities and Exchange Commission (the "SEC") on April 30, 2021 and other documents filed by Arrival with the SEC from time to time. Readers are cautioned not to put undue reliance on forward-looking statements, and Arrival assumes no obligation and does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise. Arrival does not give any assurance that Arrival will achieve its expectations.

A photo accompanying this announcement is available at https://www.globenewswire.com/NewsRoom/AttachmentNg/b3cc7175-4bb2-4d24-8fa8-1239e86d6ee0

Electric vehicle pioneer Arrival selects Ambarella's CVflow® AI vision SoC to enable autonomous driving and ADAS features in the Arrival Bus and Van.

Ambarella's partnership with electric vehicle pioneer Arrival will enable autonomous driving and ADAS features in the Arrival Bus and Van by leveraging the Ambarella CV2FS CVflow® #AI vision SoC.

Source: Ambarella, Inc.