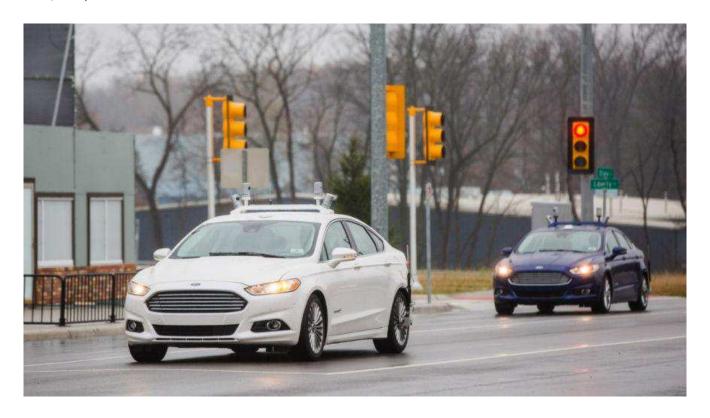
Ford Media Center

FORD TRIPLING AUTONOMOUS VEH CLE DEVELOPMENT FLEET, ACCELERATING ON-ROAD TESTING OF SENSORS AND SOFTWARE

an 5, 2016 | LAS VEGAS

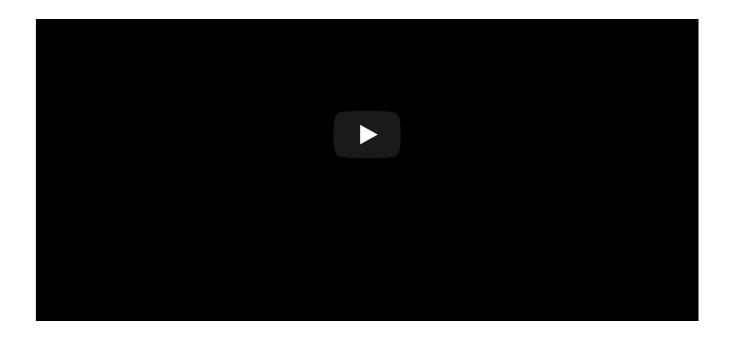


- Ford is tripling i s fleet of Fusion Hybrid autonomous esearch vehicles this yea making the company's fully autonomous vehicle flee the larges of all automakers — and accelerating the development and testing of its vir ual driver software in bo h urban and suburban environments
- New fleet vehicles will use Velodyne's advanced new Solid-State Hybrid Ult a PUCK[™] Au o sensor, providing precision required for mapping and creating accu a e, real-time 3D models of the surrounding envi onment, enhancing Ford's software development and esting to handle a broader range of driving scenarios
- Autonomous vehicles are part of Fo d Smart Mobility, the plan to take the company to he next level in connectivity, mobility, autonomous vehicles, the customer experience, and data and analytics

 Velodyne LiDAR, Inc.

Exhibit 2066

Quanergy Systems, Inc. v. Velodyne LiDAR, Inc.
Case IPR2018-00255



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LAS VEGAS, Jan. 5, 2016 – Ford is ri li g i s fleet of fully au onomou Ford Fu ion Hybrid e vehicles – maki g i the largest in the automotive industry – and will use a new-eneration sen or technology as the compa y further accelerates its autonomous vehicle develoment plans.

This year, Ford will add 20 Fusion Hybrid autonomous vehicles, bringi the company's autonomous fleet o about 30 vehicles being tested on roads in California, Arizona and Michia.

"Using the most adva ced technology and expanding our test fleet are clear si s of our commitment to make autonomous vehicles available for millions of people," said Raj Nair, Ford executive vice preside t, Global Product Development, and chief technical officer. "With more autonomous vehicle on the road, we are accelerating the development of sof ware algorithms that serve to make our vehicles even smarter."

Building on more han a decade of Ford autonomous vehicle research, this expassion is a key element of Ford Smar Mobility — the plan to take Ford to the next level in connectivity, mobility, autonomous vehicle, the customer experience, and data and a alytic. The newest vehicles are on Ford's third-generation autonomous vehicle development platform, built using Fusion Hybrid sedans, similar of the econd-geeration platform.

Ford recently announced its fully autonomous cars will take to the treets of California thi year. The company already te s autonomous vehicles at its proving ground, as well as on public roads in Michigan. Ford was the first automaker to test a fully autonomous vehicle at Mcity – a 32-acre, full-scale imula ed real-world urban environme t at the University of Michigan.

Advances in sensing, software and hardware

Ford is using Velodyne's newes LiDAR sensors – named Solid-State Hybrid Ultra PUCK Auto for its hockey puck-like size and shape – on its third-generation autonomous vehicle platform.

Solid-State Hybrid Ultra PUCK Auto sensors boast a longer range of 200 meters, making them the first auto-specific LiDAR se sors capable of handling different driving scenarios. Ultra Puck will accelerate the develoment and validation of Ford's virtual driver software, which serves as the decision-making brain that directs vehicle systems.

Solid-State Hybrid Ultra PUCK Auto's lightweight, sleek design makes it optimal for packaging on a vehicle, such as on the sideview mirror. The design means Ford can reduce the amount of LiDAR sensors from four to two on new Fusion Hybrid autonomous vehicles, and get as much useful data due to the more targeted field of view.

"Adding the latest generation of computers and sensors, including the smaller and more affordable Solid-State Hybrid Ultra PUCK Auto sensors helps bring Ford ever closer to having a fully autonomous vehicle ready for production," said Jim McBride, Ford technical leader for autonomous vehicles.

The vehicle's hardware systems, which interact continuously with the virtual driver, are equally important.

Third-generation autonomous Fusion Hybrid sedans will have supplemental features and duplicate wiring for power, steering and brakes. These supplemental features will act as backups, if needed.

Ford's autonomous journey

Ford has been using Velodyne LiDAR sensors for roughly a decade, dating back to Defense Advanced Research Projects Agency autonomous vehicle challenges.

Ford was among the first to use the Velodyne LiDAR sensor, an innovation that significantly changed the autonomous vehicle landscape. LiDAR emits short pulses of laser light to precisely scan the surrounding environment millions of times per second and determine the distance to objects, allowing the vehicle to create a real-time, high-definition 3D image of whatever's around it.

Ford's first-generation autonomous vehicle platform was built using a Ford F-250 Super Duty for participation in the DARPA challenges in 2005 and 2007. In 2013, Ford introduced its second-generation autonomous vehicle platform, using a Fusion Hybrid sedan.

Ford was one of only six teams to participate in both the DARPA Desert Classic and Urban Finals challenges, supported by four engineers who still are on the company's autonomous vehicle development team.

"We've come a long way since DARPA," said McBride. "A decade ago, no one in the field knew what the art of the possible was. Today, we're all hustling to make the most ambitious dreams become a reality."

The first-generation autonomous vehicle platform helped Ford understand that fully autonomous driving was technically feasible in the near future, and – through ambitious research – how it could achieve this.

Fusion Hybrid sedans were chosen for the second-generation vehicles because they have the newest and most advanced electrical architecture. With the latest generation of computers and sensors – including the smaller, but more advanced Velodyne LiDAR HDL-32E sensor – Ford's autonomous vehicle platform moved a step closer to production.

The objective of the second-generation vehicle fleet is to test many of the computing and sensor components required to achieve fully autonomous driving capability, as defined by SAE International Level 4, which does not require the driver to intervene and take control of the vehicle.

Last summer, Ford transitioned from the research phase of development to the advanced engineering phase.

Meanwhile, Ford continues to hone other types of sensors — cameras, radar and ultrasonic devices — to deliver semi-autonomous features to customers today. These include adaptive cruise control, active park assist, lane-departure warning, lane-keeping aid, pedestrian detection, Pro Trailer Backup Assist and vehicle-to-vehicle connection technology already available on millions of Ford vehicles today.

About Ford Motor Company

Ford Motor Company is a global company based in Dearborn, Michigan. The company designs, manufactures, markets and services a full line of Ford cars, trucks, SUVs, electrified vehicles and Lincoln luxury vehicles, provides financial services through Ford Motor Credit Company and is pursuing leadership positions in electrification, autonomous vehicles and mobility solutions. Ford employs approximately 203,000 people worldwide. For more information regarding Ford, its products and Ford Motor Credit Company, please visit www.corporate.ford.com.