



NEWS RELEASE

Visteon's DriveCore™ autonomous driving platform accelerates adoption of self-driving technology

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YPSILANTI, Mich., April 4, 2018 – Visteon Corporation (Nasdaq: VC) – a leading automotive cockpit electronics supplier and a Founding Member of the American Center for Mobility – is demonstrating its DriveCore™ autonomous driving platform at the grand opening of the Center in Ypsilanti, Michigan, on April 4.

Designed to accelerate the development and commercialization of autonomous driving technology, DriveCore™ is the first solution to allow automakers to build autonomous driving solutions quickly and in an open collaboration model. During the ACM grand opening, Visteon will demonstrate an autonomous driving feature known as highway pilot – hands-free vehicle operation in a highway environment.

DriveCore™ was designed as a complete technology platform, consisting of the hardware, in-vehicle middleware and PC-based software toolset needed to develop machine learning algorithms for autonomous driving applications of Level 3 and above. Building on Visteon's success with a centralized computing approach, DriveCore™ will provide automakers a fail-safe domain controller, with a high degree of computing power scalability, which supports the integration of data from multiple camera, Lidar and radar sensors.

DriveCore™ consists of three primary components:

- Compute is a modular, scalable computing hardware platform that can easily be adapted to all levels of automated driving. It is designed to deliver from 500 gigaflops to 20 teraflops of processing power (with

existing Systems on Chip) in a scalable manner, independent of the type of central processing unit (CPU) used. It will support NVIDIA, NXP, Qualcomm and, later, other processor types seamlessly – protecting an automaker’s investment in this technology.

- Runtime is in-vehicle middleware that provides a secure framework to enable applications and algorithms to communicate in a real-time, high-performance environment. It enables sensor fusion in a sensor-independent manner, so sensors can be upgraded as new capabilities become available, such as radar going from 2-D to 3-D.
- Studio is a PC-based development environment that enables automakers to create and support an ecosystem of algorithm developers, unlocking innovation potential through an open framework for sensor-based artificial intelligence algorithm development. Studio allows easy integration of third-party algorithms and access to real-life sensor data – complemented by a simulation, validation and benchmarking environment for algorithms ranging from object detection to camera-based lane detection.

Visteon is using the American Center for Mobility (ACM) to test and validate technology related to its DriveCore™ platform. Focus areas include:

- Autonomous driving algorithms
- Vehicle-to-vehicle and vehicle-to-infrastructure technology and functionality, integrated with autonomous driving
- Sensor technology
- Security protocols