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NEWS RELEASE

Visteon showcases smart, learning digital cockpit of the future

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LAS VEGAS, Jan. 7, 2019 – Visteon Corporation (Nasdaq: VC), a leading global supplier of automotive cockpit solutions, will offer a glimpse into the smart, learning digital cockpit of the future at CES 2019.

Visteon will showcase advanced technologies that will power the in-vehicle user experience of the automotive cockpit in the emerging era of more automated driving. Visteon's integrated solutions are aimed at improving safety on the road while enabling seamless access to information – from personal devices, the vehicle and the cloud – using the latest innovations in technology.

Key highlights of this new cockpit electronics architecture include:

- A high-powered cockpit domain controller that integrates the instrument cluster, infotainment and other cockpit functions into a single ECU with advanced graphics, over-the-air software updates, and state-of-the-art cybersecurity
- Large high-resolution displays that are curved and non-rectangular to deliver an enhanced viewing experience without limiting interior panel design
- A scalable autonomous domain controller for Level 2 and higher automated driving that is integrated with the cockpit domain controller for seamless interaction with the driver.
- A machine learning-based voice recognition and text-to-speech solution for a natural language, conversational smart assistant
- In-cabin driver and other occupant detection and identification technology, also based on machine learning for improved safety functionality

At CES, Visteon will demonstrate the integration between the SmartCore™ cockpit domain controller and the scalable DriveCore™ autonomous driving controller, which combine to create a seamless HMI between the driver and the vehicle. This interface manages the experience of drivers and passengers as the vehicle seamlessly takes control from the driver or gives it back.

High-resolution digital displays that are not just flat and rectangular are critical for the all-digital cockpits of the future. As displays get larger, the flat and rectangular-shaped display does not allow for the best viewing experience, or for the industrial design of the interior. Visteon will show an array of digital displays based on LCD and OLED technologies, including some with curved and non-rectangular shapes. The company will also demonstrate its new VX display solution that offers integrated haptic feedback, proximity sensing and knob-on-glass features.

Machine learning has emerged as a key new technology for solving problems – such as voice and image recognition – that have proven to be very difficult for conventional programming techniques. Visteon will demonstrate an in-vehicle conversational smart assistant using machine learning for voice recognition. The Visteon “say ‘n serve” smart assistant solution is designed to use natural language processing for onboard or offboard commands in cars without always needing cloud connectivity. In addition, Visteon will demonstrate a driver monitoring solution that also uses machine learning technology. The Visteon “see ‘n sense” in-cabin monitoring solution offers head-pose detection, gaze detection and identification capabilities that are key for enhanced safety.

Visteon will also showcase the industry’s first V2X module that works with either Dedicated Short-Range Communications (DSRC) or cellular networks. This gives automakers the flexibility to offer support for either wireless technology, depending on the needs of the market.

CES 2019 will mark Visteon’s 20th year as an exhibitor, which ranks the company among the longest-running show participants in the automotive industry. For those attending CES, Visteon can be found in Central Plaza Pavilion 13.