Visteon®

NEWS RELEASE

Visteon's latest instrument clusters and displays bring consumer electronics features into vehicle to enhance driving experience

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LAS VEGAS, Nevada, Jan. 5, 2016 — Visteon Corporation (NYSE: VC) is showcasing a broad range of instrument clusters and information displays at the 2016 International CES® in Las Vegas from Jan. 6-9. Included are high-end, fully reconfigurable clusters with rich 3-D graphics and large displays with touch sensors that are revolutionizing the user experience for drivers and passengers. Visteon's exhibit is located in the Central Plaza (CP20) of the Las Vegas Convention Center.

Visteon is presenting larger, digital, high-resolution displays geared to premium vehicles ranging from curved lenses to thin, richly colored organic light-emitting diode (OLED) displays.

Automotive-ready concepts on display at Visteon's exhibit incorporate the consumer appeal of sleek design, craftsmanship and touch capability with the latest in display technology. Visteon is presenting innovative concepts such as curved lenses optically bonded to displays with formable touch sensors.

Visteon also is presenting next-generation graphics processing capabilities. This is accomplished through use of a premium, 2880-by-1080 pixel reconfigurable Lightscape® digital instrument cluster. Lightscape units showcase cutting-edge graphics featuring complex 3-D shapes, textures and lighting.

"We are working with several high-end silicon chip providers to help our customers, the auto manufacturers, understand the tradeoffs in hardware and software, and ensure the highest possible graphics rendering," said Jim Farell, director, Visteon Technology Office.

Visteon and Rightware have worked together to create a revolutionary particle animation system for enriching automotive cockpit graphics. The new system is making its premiere at CES in the Visteon Lightscape® D3.2 reconfigurable instrument cluster platform.

“Particles suspended in the air add realism and a stunning sparkle effect,” Farell said. “These effects improve the already impressive graphics design in Visteon’s Lightscape platform and highlight the future of visual effects in automotive use cases.”

Also at CES, Visteon is featuring:

- An updated modular, third-generation multi-layer display that generates a visually striking 3-D virtual image
- A dual-view display allowing the driver to focus on driving-related content, while the passenger sees separate graphics content, such as a movie, on the same display
- A dual OLED display, showcasing a human-machine interaction (HMI) approach for devices brought into the vehicle, such as smartphones or tablets, which allows automakers to retain their HMI solutions. The second display remains hidden until additional segregated content is required.

The move to all-digital displays, while enhancing the user experience, can add cost to the overall system. Harnessing advances in the underlying software and silicon, Visteon has developed a technology solution called SmartCore™ that provides a total cost-of-ownership benefit as well as security and user experience advantages. The SmartCore™ technology on display at CES integrates the latest infotainment, instrument clusters, head-up displays (HUD) and advanced driver assistance system (ADAS) domains.

Visteon offers global driver information platforms across all mobility segments, from premium vehicles to motorcycles, and supplies most of the world’s major vehicle manufacturers.