

Visteon Accelerates Shift to All-Digital Vehicle Cockpit with Advanced Instrument Clusters and Displays

- ***Cockpit electronics leader to show latest in fully reconfigurable clusters, higher resolution displays at CES® 2017***
- ***Rich 3-D graphics, unique surface appearances are hallmarks of new, larger displays***
- ***Latest in curved, OLED and dual-view displays help drivers and passengers get customized information with simpler user interface***

LAS VEGAS, Jan. 6, 2017 – Visteon Corporation (NYSE: VC) – a technology leader at the epicenter of the fast-growing automotive cockpit electronics segment – is highlighting its latest instrument cluster and display technology at CES® 2017 in Las Vegas Jan. 5-8. Visteon is showcasing a full range of production-ready, fully digital instrument clusters and displays that incorporate premium graphics and illumination, and highlight the enhanced styling freedom that digital clusters afford.

Keeping pace with the consumer electronics world, instrument clusters in vehicles are rapidly going fully digital. Larger, higher-resolution displays are becoming the primary interface with drivers and passengers as new mobility models and autonomous vehicles evolve. Fully reconfigurable instrument clusters are expected to represent up to 80 percent of the market within five years. Visteon was the first to market with this fully reconfigurable technology and remains the industry leader in all-digital instrument clusters.

“As more digital content comes into the cockpit, instrument clusters that were first largely mechanical and then evolved into electromechanical and hybrid devices are now transforming into fully digital display-based clusters,” said Visteon President and CEO Sachin Lawande. “There is also considerable interest in integrating displays more naturally into the design and materials of the instrument panel, using free-form shapes with no visible display active areas.”

At CES, Visteon is displaying a range of instrument clusters from entry level to premium, featuring the latest in large, high-resolution displays, including 3-D, all-digital, hybrid digital/analog and a cluster with integrated cameras for facial recognition and monitoring. Highlights include a prism display, which uses two 12.3-inch TFT displays with a semi-reflective “blade” between them.

Featured information displays include dual OLED (organic light-emitting diode) and dual-view displays that show different content based on viewing angle – such as navigation for the driver and video for the passenger.

Digital instrument clusters allow automakers to present new menus and information to drivers with over-the-air software updates, preventing clusters from becoming static and outdated throughout the vehicle's life cycle. There is also a growing interest in technologies increasing the depth of the image in digital clusters, enabling 3-D effects, for a more immersive experience.

"The main advantage of all-digital displays is the capability to handle complex, diverse and ever-changing information," Lawande said. "With connected and autonomous driving, we have to design in flexibility, as the new use cases are multiple and complex. This can only be delivered with basically a 'blank canvas' where the display can be designed as needed to accommodate new content."

Visteon's experience in graphics rendering, optics and illumination, plus its manufacturing expertise using sophisticated automation and clean-room techniques, aids in producing high-quality clusters and displays that recreate the consumer electronics experience in the vehicle.

About Visteon

Visteon is a global company that designs, engineers and manufactures innovative cockpit electronics products and connected car solutions for most of the world's major vehicle manufacturers. Visteon is a leading provider of instrument clusters, head-up displays, information displays, infotainment, audio systems, telematics and SmartCore™ cockpit domain controllers. Visteon also supplies embedded multimedia and smartphone connectivity software solutions to the global automotive industry. Headquartered in Van Buren Township, Michigan, Visteon has approximately 10,000 employees at more than 40 facilities in 18 countries. Visteon had sales of \$3.25 billion in 2015. Learn more at www.visteon.com.

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