

# CES 2024: Visteon focuses on software-defined vehicles

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## The company also plans to showcase its products around electrification, display and electronics

As the automotive industry starts to make a rapid transition to new technologies, leading technology player Visteon plans to showcase its key innovative products focusing on software-defined vehicles, cloud-enabled and battery-electric solutions at Consumer Electronics Show (CES) 2024 to shape the future of the mobility industry, the company said in a press release on Jan. 8.



Source: Visteon

Some of the key products and technologies at display include:

### Digital cockpit electronics: Enabling the software-defined vehicle (SDV)

Visteon stands at the forefront of a diverse range of digital cockpit products, from digital clusters to Android Infotainment systems and solutions tailored for SDVs. Visteon will showcase its expertise in this area with an end-to-end solution demonstrating the company's capability to address the challenges of the next-generation SDVs by integrating its cloud-based AllGo Connected Services, SmartCore Service Oriented Architecture (SOA) platform and SmartZone Zonal Controller concept.

### Displays: Visual interface for CDC innovation

Its advanced display technology delivers enhanced power efficiency, extended lifespan and superior image quality for readability in any condition. Visteon's vertical integration capabilities, global manufacturing footprint and value-added offerings for both organic light-emitting diode (next-generation display technology OLED) and LCDs allows them to meet the specific needs of automakers. The company will also showcase its Curved Large Format OLED Display, the largest active screen with the most advanced haptic technology available. The 46-inch curved, pillar-to-pillar display incorporates passenger and driver content with high optical performance, high contrast ratio, fast response times and excellent viewing angles.

### Electrification: Advancing battery management systems (BMS) and power electronics for the electric ecosystem

Visteon distinguishes itself through the introduction of first-to-market and cutting-edge wireless BMS. These innovative systems prioritize industry-leading accuracy, system safety features and a comprehensive life-cycle management approach. Visteon's smartBMS systems, coupled with their intelligent battery junction boxes (smartBJBs), are uniquely designed to be chemistry and system interface-agnostic, showcasing adaptability and upgradeability, facilitating seamless integration with diverse lithium chemistries and vehicle architectures, and ensuring compliance with a transforming regulatory landscape.

In the power electronics space, Visteon integrates state-of-the-art functionality, such as vehicle-to-everything onboard charging, high-availability DC power conversion and solid-state fuses for power distribution, to improve manufacturing and ownership experience, efficiency, and system integration into diverse vehicle platforms.

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