

How Connected Technology is Transforming Driving

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The automotive industry is shifting gears at lightning speed, fueled by innovation in electronics and technology. **At CES 2024**, Visteon unveiled groundbreaking solutions that will redefine the driving experience. From the cockpit of innovation, Sivakumar Yeddanapudi, VP of Product Management for Digital Cockpit Electronics at Visteon, steers through the future of automotive electronics and shares an insight into Visteon's vision for the future of mobility.

From Fragmented to Streamlined: Visteon's Domain Controllers Boost Efficiency

Remember the days of bulky, power-hungry electronic control units controlling every nook of your car? Visteon's **domain controllers** consolidate functionalities like instrument clusters and infotainment systems, by slashing weight, complexity, and boosting processing power. Imagine faster response times, seamless multitasking, and reduced energy consumption – that's the domain controller advantage!

Central Compute Architecture Unites Performance and Software Flexibility

Visteon's central compute architecture takes things a step further. It combines not just cockpit features, but also Advanced Driver Assistance Systems (ADAS) onto a single chip. This unlocks a whole new level of performance. Features like real-time data processing for super-responsive ADAS become possible. It also lays the groundwork for a **software-defined vehicle** ecosystem. Imagine this: future updates and improvements delivered wirelessly, just like your smartphone! That's the power of the software-defined vehicle.

Standalone Infotainment Systems Elevate Convenience and Safety

Clunky dashboards and frustrating controls are a thing of the past. Visteon's standalone **infotainment systems** are loaded with features to improve your driving experience. These features include surround view assist, helping you park like a pro, and driver monitoring to keep your focus on the road. But the benefits extend beyond the driver.

Designed for streamlined production, these systems mean lower costs and less complexity for automakers. It's a win-win for everyone!

Expanding Reach to Motorcycles with Connected Infotainment

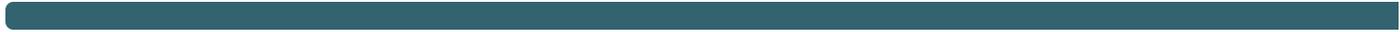
Visteon is bringing innovation to the two-wheeler world with integrated modems and infotainment systems, too. Imagine staying connected on the go with navigation, music streaming, and even phone calls – all accessible through a rider-friendly touchscreen interface. With industry-leading first-to-market technologies, Visteon is spearheading the digital revolution of two-wheelers, transforming the way you experience the open road.

As automotive technology continues to evolve, Visteon remains at the forefront of innovation. From high-performance cockpit domain controllers to **SmartCore™** software solutions, Visteon's portfolio reflects a deep-seated commitment to shaping the future of mobility. By embracing evolving vehicle architectures and service-based paradigms, Visteon paves the way for a more connected, intuitive, and safe driving experience.

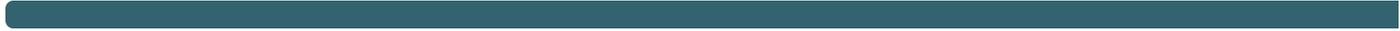


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