



NEWS RELEASE

# Cybersecurity 101: Challenges In The Connected Car Era

2023-10-26

The automotive industry continues to integrate connectivity and technology into the vehicle. What does that mean for consumers?

Today's vehicles integrate infotainment systems and communication networks. These systems serve as potential entry points for bad actors. Manipulation of these systems could compromise personal information. It may also impact the functionality and safety of the vehicle.

Visteon has been working with automakers and other suppliers for several years to develop the technologies required to **make cars more secure**.

End-to-end security is crucial for modern automobiles. It needs to be built in from the very beginning, during the design phase, and all the way through to after the car is manufactured. This means protecting the car's data from unauthorized access. This data includes information from the vehicle itself as well as from external systems like apps and updates. Security also involves protecting every connection point to the car. This requires the right level of authentication and security measures. Finally, monitoring activity can help identify and prevent potential issues.

Cybersecurity is now being integrated into the vehicle design and development processes. Visteon collaborates with automakers and suppliers to identify and mitigate vulnerabilities early on in the design process. This continues through development and testing. Visteon's approach ensures our products have the right level of security at the onset.



### How to Stay Informed and Secure

Just as you receive updates to your smartphone and connected appliances, some newer vehicles now receive over-the-air (OTA) updates directly to their vehicle. This saves drivers time at the dealership! These over-the-air updates are faster and more convenient, but they do come with a new concern: cybersecurity. It is important to be mindful of the potential cybersecurity attacks and be knowledgeable of the potential impact they could have on a vehicle. Keeping up with vehicle maintenance is essential to decreasing vulnerabilities as well as verifying the source such as through manufacturer websites.

### Visteon's Commitment to Cybersecurity

Proper cybersecurity protects against potential cyber-attacks. This safeguards personal data. Most importantly, it ensures the safety of drivers and passengers. As cars become highly connected and technologically advanced, cybersecurity measures will be essential to maintain public trust and safety.

Visteon collaborates with manufacturers, suppliers, regulators and cybersecurity experts. Our goal is to create a robust security framework that safeguards vehicles against the ever-evolving cyber threats. Ultimately, it ensures that the promise of safer, secure and more efficient transportation becomes a reality.

If you're looking for a unique challenge in automotive cybersecurity, **join our team!**



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