KUDELSKI IoT THINGS

Automotive Ecosystem Security

A large portfolio of technology services and solutions to help Automotive OEMs (including EV manufacturers) and Tier 1 suppliers manage their cybersecurity risks, ensure regulatory compliance and securely create the future of personal transportation.

WHAT WE DO
Engineering Security & Convenience in Tomorrow's Vehicles

Advisory Services

Our Threat Analysis and Risk Assessments (TARA), compliance assessments (for ISO 21434 and other automotive cybersecurity standards) and security architecture design services ensure you are well aware of the potential challenges your product could face and have the means to mitigate them.

Embedded Security

Our combined expertise in both HW and SW security means we can improve your vehicle cybersecurity posture from bumper to bumper, provide secure vehicle access solutions while also securing your infrastructure and information flow to/from the cloud.

Advanced Security Labs

Innovators from around the world use our labs to design and test the robustness and resilience of their products and systems as well as their compliance to security regulations and standards.

WHO ARE WE?
Security is our DNA

Our automotive security experience is rooted in our more than 30 years of protecting high-value data and business models for thousands of customers on millions of devices deployed around the world. Whether in pay television, public access, cybersecurity or automotive, Kudelski Group is a leader in creating a more secure and profitable future for global business.

Whether you need to comply with evolving regulations, develop new secure, connectivity-centric or software-centric architectures, or test your or 3rd-party solutions for robustness against threats, we have the right expertise and services to help you succeed.

Automotive Security Advisory & Training

Get advice from the world's foremost security experts and improve your security while understanding best practices.

Lab Automotive Security Design/ Assessment

Put your product to the test in one of the world's most advanced security labs.

Vehicle Security Penetration Testing

Validate the robustness of your ECU/TCU, other components and the entire vehicle and its ecosystem against cyber-attacks.

We help you manage the entire lifecycle of your components or the entire vehicle.

Secure Vehicle Systems

We can ensure the integrity of vehicle firmware, and secure communications within the car and to/from the cloud while ensuring that in-car systems stay isolated.

Vehicle Component Security Management Systems

We can help you track components and firmware version for each car while managing updates and recalls.
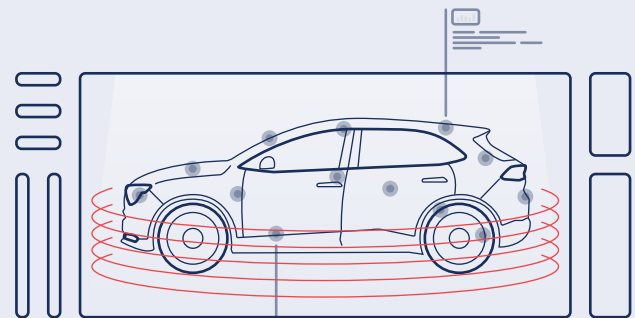
EXAMPLE SOLUTIONS
End-to-end, plug-and-play vehicle security solutions

Complete end-to-end solutions to fit your use cases in securing vehicles and access.

Passive Keyless Access

This end-to-end IoT solution lets people access assets and spaces simply by approaching them with an authorized mobile device, providing convenience and control while enabling exciting new business models.

Frictionless Parking

Our advanced parking solutions for OEMs enable drivers to find available parking locations and charging points on the vehicle's dashboard or in the navigation app. By managing the end-to-end process, we enable users to effortlessly book, access and pay for a parking location or charge their vehicle.

Asset Tracking

This solution helps companies and consumers track their valuable assets wherever they are, monitor their status, protect them from theft and facilitate their recovery if they are stolen, all with the highest degree of security and privacy possible.

ECOSYSTEM
Join our ever-expanding ecosystem

As a Tier 1 provider of automotive solutions to companies ranging from the North American Big 3 to new entrant EV companies, we are continuing to expand our roster of partnerships and contributions to the community.

CANOO idneo L&T Technology Services LUCVERA DANLAW

… and a Large North American OEM