



ParkCheck for cybersecurity

Managing your cybersecurity risk enables you to build safer and more secure products, learn more about cybersecurity risk management and enables you to reduce your products risk.

The need for cybersecurity requires you to understand the risk your product is facing, which in turn is key for developing safer and more secure products. With ParkCheck for cybersecurity we enable you to understand your products cybersecurity risks, how you can identify these risks, and which impact they have on your business and your customers. This is done through a workshop employing our systematic approach to Threat analysis and risk assessment (TARA) guided by our cybersecurity specialists.

During the threat assessment and risk assessment workshop, we will work together to:

- **Identify the protection-worthy assets of your product** — What is valuable to you and your customers? How could these assets be damaged? What is the impact in case of a damage scenario?
- **Model the threats to these assets** — Where is your trust boundary? What is your products attack surface? What are the security relevant interfaces?
- **Analyze the risk these threats introduce and how an attacker could realize them** — What are the possible attack paths? How likely are they to be exploited?
- **Determine measures to mitigate these risks** — How impactful is a risk? How can it be reduced or avoided?
- **Fulfill the regulatory requirements for your cybersecurity risk assessment** — Do you create all the necessary TARA work products for your vehicle system assessment or type approval? Do you cover the risk assessment for your medical device's premarket submission?

Value proposition

- Perform your risk analysis with an experienced partner.
- Facilitate compliance with the regulatory required work products.
- Learn how Method Park by UL Solutions can support further.

Choose ParkCheck cybersecurity if:

- You want the assistance of experienced security practitioners to achieve excellence in your cybersecurity risk management.
- You want to learn about your products cybersecurity risk, threats and attack surface.
- You want to understand the process of TARA with an experienced partner.
- You want to meet the requirements put forth by the regulations in your domain (UN R155, ISO/SAE 21434, FDA premarket submission, IEC 81001-5-1).

Specific takeaways

- Identified assets and damage scenarios
- Assessed threats and attack paths
- Analyzed risks
- Initial risk mitigation plan

How does it work?

- In an initial kick-off meeting you will learn about our approach to TARA. In addition, the availability of the necessary stakeholders and artifacts is ensured.
- Through the course of an organized workshop TARA is performed with your stakeholders.

Target audience

- Security engineers
- Safety engineers
- Requirements engineers
- Systems engineers
- Hardware/software developers
- Architects
- Production engineers
- Testing engineers

Why choose Method Park by UL Solutions?

Method Park by UL Solutions specializes in software and systems engineering for complex, innovative products. Our portfolio includes process-based product engineering, high quality software development, training and consulting services focused on the safety-critical aspects of automotive, medical and other regulated industries.

All ParkChecks are executed by active practitioners who have extensive and up-to-date experience from day-to-day business as well as long-time training and coaching skills.

For more information, visit methodpark.com.