



SafeCyber™

**Security and
compliance life cycle
management platform
for connected devices**



Device manufacturers, suppliers, system integrators and other stakeholders from chip to cloud continue to face cybersecurity challenges in today's highly connected world. Product performance and security are on top of their minds. Navigating through current and upcoming cyber regulations can be difficult. Facing competitive innovation cycles, device manufacturers often ask:

- How can they release new products faster while still ensuring security and compliance with industry regulations?
- How can they evaluate where they stand in terms of product security maturity and practices?
- How can they identify actions they need to take, including process improvements, security techniques and security mechanisms?

As more stringent state and industry cybersecurity regulations emerge across industries, UL Solutions understands these challenges and continues to support connected device stakeholders. SafeCyber is a security and compliance life cycle management platform hosting a suite of digitally enabled cybersecurity solutions for connected products that can help stakeholders address their challenges.

Who is SafeCyber for?

SafeCyber is for product security and development teams at device manufacturers, suppliers or system integrators developing connected products and looking to improve and enhance the security posture of their connected devices across the entire life cycle while speeding up time to market and helping to ensure compliance.

Leveraging our Maturity Path and Binary Check solutions, customers can assess their product security governance and processes, as well as continuously detect and manage vulnerabilities to help mitigate product security risks while helping ensure their compliance readiness against industry standards.

Introducing the SafeCyber Dashboard and Marketplace

UL Solutions introduced the SafeCyber Dashboard and Marketplace features to provide an enhanced user experience and visibility of product security activities across its solutions. The Dashboard aggregates all the strategic and operational product security activities across SafeCyber solutions in one place:

- The Strategic view is where the output of all Maturity Path projects are featured, giving you visibility on the security maturity of your product lines and their certification readiness against industry-specific standards.
- The Operational view gathers all Binary Check projects, focusing on product security testing activities.

The Marketplace offers an e-commerce experience for product security and development teams to choose among the available and upcoming SafeCyber solutions – from knowledge and advisory to testing and compliance solutions.



Maturity Path

Assess your product security maturity and accelerate the readiness of your security processes against industry standards

SafeCyber's Maturity Path provides a security development life cycle maturity assessment for connected devices, applications and systems with collaborative features to help organizations ensure consistent security across governance and processes throughout their product lines. With this holistic overview and analysis, organizations can better manage risks, minimize vulnerabilities and accelerate the readiness of their security processes against industry-specific standards such as IEC 62443-4-1 and ISO/SAE 21434.

Binary Check

Perform continuous, automated binary code analysis, help ensure continuous security and compliance of your connected devices and systems

Binary Check is a solution providing self-service binary code analysis and vulnerability management to device manufacturers, suppliers and system integrators for firmware, applications, as well as systems in development and in the field. The following assessments can be performed:

- Software composition analysis (SCA) and software bill of materials (SBOM) generation
- Common vulnerabilities and exposures (CVEs)
- Unknown vulnerabilities (zero-day vulnerabilities)
- Compliance readiness analysis with supported standards and guidelines across verticals, including UL IoT Security Rating, ETSI 303 645, ISO/SAE 21434, IEC 62443 4-2 and more.

Key benefits:

- In one integrated digital solution, assess your security governance and processes, as well as collaborate with your teams and suppliers
- Get better visibility on your product security activities with the SafeCyber Dashboard
- Communicate your security maturity level easily with internal and external stakeholders
- Speed up firmware, application and system development turnaround time while addressing vulnerabilities and help ensure security and compliance readiness
- Obtain a security compliance readiness analysis for your connected products' processes, applications and systems against industry-leading standards.
- Achieve clarity on where you stand and what you can improve on

UL Solutions has extensive expertise in cybersecurity. We offer a global network of Internet of Things (IoT) and Operational Technology (OT) security laboratories. Our security experts and advisors have specialized expertise in global security standards, frameworks and best practices. We are committed to helping the industry innovate with new technologies and bring secure products to the marketplace.

Visit UL.com/SafeCyber and learn more.



Safety. Science. Transformation.™

© 2022 UL LLC. All rights reserved.
IMS22CS327812