

## Press release

DEKRA extends scope for Internet-of-Things

# DEKRA authorized by the ioXt Alliance to perform security testing on Mobile apps and VPN

DEKRA e.V.  
Corporate  
Communications  
Handwerkstrasse 15  
70565 Stuttgart,  
Germany

[www.dekra.de/presse](http://www.dekra.de/presse)

**DEKRA further extends its scope as an Authorized Laboratory for the ioXt Certification Program for Internet-of-Things cybersecurity market. DEKRA has been authorized by the ioXt Alliance to perform security evaluations in Mobile applications and Virtual Private Networks (VPN) within the ioXt Certification Program.**

DEKRA was one of the first Authorized Laboratories recognized by the ioXt Alliance last year to test and certify products for the Internet-of-Things (IoT) cybersecurity market. Now, DEKRA extends its evaluation scope by adding Mobile apps and VPN, after the ioXt Alliance announced the inclusion of these new profiles to their Certification Program for the Internet-of-Things market.

"Mobile apps and VPN play a significant role within the IoT ecosystem, so it's highly important to evaluate their security and assure users protection. With the extension of our scope as an Authorized Lab for ioXt Certification Program, we are happy to contribute to this mission and support manufacturers evaluating the security of their Mobile apps and Virtual Private Networks in our laboratories", said Fernando E. Hardasmal, Head of the Service Division Product Testing and Executive Vice President at DEKRA.

"With global standards, guidance from industry leading organizations and Authorized Labs such as DEKRA, mobile applications and VPN developers will have better insight into their security and flaws, and have greater confidence that it will work as intended," said Brad Ree, Chief Technology Officer of the ioXt Alliance.

The ioXt Alliance Certification Program measures product security following the eight ioXt principles, that define product security, product upgradability and consumer transparency. These principles provide clear guidelines for quantifying the appropriate level of security needed for each specific product. Manufacturers may submit their products to Authorized

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Contact Tilman Vögele-Ebering  
Phone direct +49.711.7861-2122  
Fax direct +49.711.7861-742122  
E-mail [tilman.voegele-ebering@dekra.com](mailto:tilman.voegele-ebering@dekra.com)

Labs like DEKRA, to test if their devices meet the ioXt security requirements to obtain the ioXt Certification Mark. Once approved, the ioXt SmartCert informs end-users, retailers and ecosystem partners that the product complies with the ioXt security requirements.

“The efforts of the ioXt Alliance to create a cybersecurity global standard and a certification scheme for IoT devices are very valuable and beneficial for the whole industry, as it allows companies and consumers to enjoy a more secured ecosystem”, said Rubén Lirio, Cybersecurity Manager of the Service Division Product Testing at DEKRA.

DEKRA’s scope as an ioXt Authorized Lab includes testing and certification services for Android devices, Smart speakers, Mobile Applications and VPN profiles, and the ioXt 2020 Base Profile for all devices which are not covered under another profile. For these services, DEKRA will perform a meticulous security evaluation to detect and reduce any potential security risks in IoT devices, following the requirements defined by the ioXt Alliance.

Moreover, DEKRA has evaluated numerous mobile applications linked to the IoT device ecosystem following the OWASP Mobile Security Testing Guide (MSTG) and the OWASP Mobile Application Security Verification Standard (MASVS).

In addition, DEKRA offers an extensive portfolio including all key testing and certification services manufacturers need to launch their IoT devices at any markets, such as regulatory, type approval, wireless, global market access and cybersecurity services, among others, which makes DEKRA the best partner to support customers to validate their products.

### **Media contact**

Carlos Ruiz Pérez

Sales and Marketing Director at DEKRA Testing and Certification S.A.U.

Email: [carlos.perezruiz@dekra.com](mailto:carlos.perezruiz@dekra.com)

Phone: (+44) 7464830290

### **About DEKRA**

*DEKRA has been active in the field of safety for more than 90 years. Founded in 1925 in Berlin as Deutscher Kraftfahrzeug-Überwachungs-Verein e.V., it is today one of the world’s leading expert organizations. DEKRA SE is a subsidiary of DEKRA e.V. and manages the Group’s operating business. In 2020, DEKRA generated preliminary sales totaling 3.2 billion euros. The company currently employs more than 43,000 people in approximately 60 countries on all six continents. With qualified and independent expert services, they work for safety on the road, at work and at home. These services range*

*from vehicle inspection and expert appraisals to claims services, industrial and building inspections, safety consultancy, testing and certification of products and systems, as well as training courses and temporary work. The vision for the company's 100th birthday in 2025 is that DEKRA will be the global partner for a safe world.*