

## Press Release

Solutions to secure consumer Internet-of-Things ecosystem

DEKRA Product Testing  
Service Marketing  
<https://www.dekra.com/en/product-testing/>

# DEKRA launches cybersecurity services for consumer IoT devices

- DEKRA offers evaluation and certification services according to the new consumer IoT cybersecurity standard, ETSI EN 303 645.

**DEKRA extends its cybersecurity service portfolio by offering new testing & certification services according to ETSI EN 303 645. This cybersecurity standard has been created by the European Standards Organization 'ETSI'. It is the first globally applicable cybersecurity standard for consumer IoT devices that establishes a common baseline that covers security and privacy best practices. DEKRA, which has solid experience in cybersecurity and uses innovative processes, supports manufacturers to demonstrate their products are secure.**

"The number of IoT devices is rapidly increasing, and with them, new security challenges and threats. For this reason, we offer our customers new services according to the cybersecurity standard ETSI EN 303 645. Safety and security are a priority for DEKRA, and we are committed to supporting manufacturers to ensure their consumer IoT products are secure and ready to deal with cybersecurity market needs", says Fernando E. Hardasmal, Head of Service Division Product Testing and Executive Vice President at DEKRA.

DEKRA's new cybersecurity services for ETSI EN 303 645 include testing to evaluate consumer IoT devices, as well as certification to prove they comply with the requirements defined in the standard by issuing a DEKRA Seal. With this seal, customers will demonstrate their products are reliable and secure, as it's a transparent proof from an independent and neutral body.

Apart from evaluation services, DEKRA also offers manufacturers and system integrators, product assessment and training services on how to prepare their devices' documentation for the security evaluations. Also, a GAP analysis to determine the differences between the current security implementation of the product and the requirements defined in the cybersecurity standard is available at DEKRA.

The cybersecurity standard ETSI EN 303 645 contains a set of security and privacy requirements and recommendations that manufacturers shall implement in

Date September, 2021

Contact Carlos Pérez Ruiz

Telephone +34 952619820

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

their products to prepare them to be protected against the most common cybersecurity threats. This cybersecurity standard is especially designed for consumer IoT devices such as smart TVs, smart speakers, home assistants, door locks, smoke detectors, baby monitors, connected home appliances like refrigerators and washing machines, or connected alarms systems, among others.

“Connected devices might be vulnerable and be exposed to suffer cyber-attacks if they do not have security measures in place to help dealing with these threats. ETSI EN 303 645 proposes a set of security best practices that, if implemented in all consumer IoT devices, would lead to a more secure IoT ecosystem”, stated Rubén Lirio, Cybersecurity Manager of the Service Division Product Testing at DEKRA.

In addition to these new cybersecurity services, DEKRA also offers testing & certification services for cybersecurity certifications such as Alexa Voice Service (AVS), ioXt Alliance, CTIA, GSMA, NESAS, FIPS, Common Criteria (CC), eIDAS, UNECE WP29 and LINCE, among others. Moreover, DEKRA supports customers offering an extensive portfolio that includes all key testing and certification services manufacturers need to launch their IoT devices at any market, such as regulatory, type approval, wireless and global market access.

### **About DEKRA**

*DEKRA has been active in the field of safety for almost 100 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 turnover totaling almost EUR 3.2 billion. The company currently employs around 44,000 people in approximately 60 countries on all 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, secure and sustainable world. With a platinum rating from EcoVadis, DEKRA is now in the top one percent of sustainable businesses ranked.*