

Press Release

Three DEKRA testing labs worldwide can certify Wi-Fi 7 devices

DEKRA is the first Authorized Test Laboratory in Europe and Asia to certify Wi-Fi 7

DEKRA expands its scope as an Authorized Test Laboratory (ATL) by the Wi-Fi Alliance©, incorporating the certification of devices according to the Wi-Fi CERTIFIED 7™ certification program into its services. This recognition positions DEKRA as the first laboratory in the world to simultaneously obtain the authorization to certify Wi-Fi 7 devices in three locations: Málaga (Spain), Guangzhou (Mainland China), and Taiwan. Furthermore, this implies that DEKRA has become the first, and currently the only, authorized testing lab for Wi-Fi 7 in Europe.

"Wi-Fi 7 elevates the speed, device capacity, and time efficiency within the home, enterprise, and industrial wireless ecosystems, unlocking solutions to the rising demand for high data speeds and capabilities, fueled by the use of 4K and 8K video, real-time apps, virtual reality & augmented reality, remote working, and other wireless applications. We are proud to be the first laboratory in Europe and Asia to obtain the authorization to certify Wi-Fi 7 devices. This global achievement in three of our labs showcases our agility in embracing new services and underscores DEKRA's unwavering commitment to innovation", stated Fernando E. Hardasmal, Executive Vice President and Head of Digital & Product Solutions at DEKRA.

Wi-Fi 7, also named IEEE 802.11be standard, introduces new and optimized functionalities that enhance connectivity in various environments such as automotive, industrial, IoT, hybrid & remote work, gaming and streaming. One of the major improvements that Wi-Fi 7 presents, and which differentiates this new version from Wi-Fi 6, is its performance, which can be even considerably better than wired solutions.

Also, Wi-Fi 7 increases the channel size of the 6-GHz band, expanding from 160MHz to 320MHz, which results in a doubled capacity for simultaneous data transmission. This feature, together with the enhanced data speed and concurrent transmission and reception of data across multiple links, is particularly advantageous for data-intensive applications like streaming and online gaming. With Wi-Fi 7, users can experience enhanced performance, minimized latency and bolstered reliability of the connection.

As an Authorized Test Laboratory (ATL) for Wi-Fi, DEKRA can also support customers in

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Contact Tilman Vögele-Ebering
Phone +49.711.7861-2122
Fax +49.711.7861-742122
E-Mail tilman.voegele-ebering@dekra.com

DEKRA e.V.
Corporate Communications
Handwerkstraße 15
70565 Stuttgart, Germany
www.dekra.com/en/press-overview

certifying their products according to additional Wi-Fi certification programs, such as Wi-Fi 4, Wi-Fi 5, Wi-Fi 6, Wi-Fi 6E, WPA3 and Wi-Fi HaLow, among others. In addition, DEKRA offers a wide range of wireless and connectivity testing and certification services.

www.dekra.com/en/digital-and-product-solutions

Media Contact:

Leonor de la Calle Quirós
Marketing & Communication Specialist
+ 34 629 74 58 99
leonor.delacalle@dekra.com

About DEKRA

DEKRA was originally founded in 1925 to ensure road safety through vehicle inspection. With a much wider scope today, DEKRA is the world's largest independent non-listed expert organization in the testing, inspection, and certification sector. As a global provider of comprehensive services and solutions, we help our customers improve their safety, security, and sustainability outcomes. In 2022, DEKRA generated sales totaling nearly EUR 3.8 billion. The company currently employs almost 49,000 people who offer qualified and independent expert services in approximately 60 countries on five continents. With a platinum rating from EcoVadis, DEKRA is now in the top one percent of sustainable businesses ranked.