

Press Release

DEKRA continues the expansion of its Wi-Fi Alliance® accredited certification testing portfolio

DEKRA recognized as official certification laboratory for newest Wi-Fi 6 technology

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DEKRA's Wi-Fi® Authorized Test Labs (ATLs) in Málaga, Spain, and Shenzhen, China, have just been qualified by Wi-Fi Alliance® to perform certification testing according to the newest certification program named Wi-Fi CERTIFIED 6™, which entails higher data rates, greater network capacity, better power efficiency and performance.

- Full commitment with latest generation of wireless connectivity technologies
- Supporting customers worldwide to meet growing performance demands to every Wi-Fi® device in different market and applications
- DEKRA keeps its full coverage of Wi-Fi Alliance® certification programs

Following the recent launch of Wi-Fi CERTIFIED 6™ program by Wi-Fi Alliance, DEKRA proudly announces that its accredited Wi-Fi Alliance laboratories have been qualified by Wi-Fi Alliance to perform the program, based on the IEEE 802.11ax standard.

DEKRA can now support manufacturers implementing the latest generation of wireless connectivity technology, Wi-Fi 6, on their products by requesting the Wi-Fi CERTIFIED 6 test plan, as well as any other Wi-Fi Alliance certification programs. In fact, DEKRA is the sole laboratory in Europe that covers the certification programs of the whole consortium.

Wi-Fi CERTIFIED 6 devices will provide solid and reliable capabilities to ensure the future connectivity requirements in terms of data rates, network capacity, power efficiency and performance in remote or congested environments; including also home and small office environments.

This technology has been designed to optimize the transmission frequencies of 2.4 GHz and 5 GHz bands. The main new features are MU-MIMO and OFDMA,

enabling more devices to simultaneously operate on the same Wi-Fi channel, improving efficiency, latency times and data throughput.

In addition, it is expected that users experience up to four times the capacity and the data throughput that could be achieved with older wireless network standards. In optimal conditions, this could mean a throughput of 9 to 10 gigabits per second.

“We are excited to continue expanding the scope of our Wi-Fi Alliance laboratory to support our customers immersing themselves in the search for a response to the world’s growing demand for Wi-Fi technology and connectivity. It is in our DNA to evaluate future wireless technologies for helping several industries: automotive, consumer, health, industrial and medical” says Alejandro Torrecilla, Telecom Laboratory Director of DEKRA Testing and Certification, S.A.U.

“Wi-Fi 6 is a significant step in Wi-Fi’s technology evolution, delivering significant improvements in connectivity, including in high density locations and IoT environments”, said Edgar Figueroa, President and CEO of Wi-Fi Alliance. “We are expecting the number of Wi-Fi CERTIFIED 6 devices and applications to see progressive growth in the coming months. We are delighted that DEKRA offers certification services to Wi-Fi Alliance members.”

For more information about DEKRA’s wireless testing services, please visit:

<https://www.dekra-product-safety.com/wireless>

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About Wi-Fi Alliance®

Wi-Fi Alliance® is the worldwide network of companies that brings you Wi-Fi®. Members of our collaboration forum come together from across the Wi-Fi ecosystem with the shared vision to connect everyone and everything, everywhere, while providing the best possible user experience. Since 2000, Wi-Fi Alliance

has completed more than 50,000 Wi-Fi certifications. The Wi-Fi CERTIFIED™ seal of approval designates products with proven interoperability, backward compatibility, and the highest industry-standard security protections in place. Today, Wi-Fi carries more than half of the internet's traffic in an ever-expanding variety of applications. Wi-Fi Alliance continues to drive the adoption and evolution of Wi-Fi, which billions of people rely on every day.

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 2018, DEKRA generated sales totaling more than 3.3 billion euros. The company currently employs more than 45,000 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.