PRESS RELEASE

New UWB application lab strengthens Infineon's leadership in trusted connectivity system solutions

Munich, Germany and Graz, Austria – October 30, 2025 – Infineon Technologies AG has established a dedicated Ultra-Wideband (UWB) Application Lab in Graz, Austria. Developed in collaboration with Silicon Austria Labs (SAL), the lab focuses on advancing UWB technology, exploring innovative use cases, and delivering real-world applications for automotive, industrial, IoT, and consumer markets. Ultra-Wideband (UWB) is a cutting-edge wireless communication technology enabling precise and secured localization but also allows data exchange and sensing.

The UWB lab, together with Infineon's well-founded connectivity portfolio, will further accelerate innovation-to-customer value. By integrating cutting-edge research with practical testing, the lab serves as a hub for collaboration with international customers, research institutions, and technology partners. Furthermore, Infineon's commitment to UWB as a transformative technology follows the acquisition of 3db Access AG, an Ultra-Wideband pioneer, in 2023 and the announcement in May 2025 for joining the board of directors of the FiRa® Consortium, the leading global organization shaping the future of UWB.

Maurizio Skerlj, Senior Vice President and Product Line Manager for Authentication and Identity Solutions at Infineon Connected Secure Systems, emphasized the lab's role: "The establishment of our state-of-the-art UWB Application Lab demonstrates Infineon's leadership in secured connected technologies. This lab will help us leverage UWB's full potential, advancing solutions that make everyday life smarter and safer – from automotive access to IoT applications."

Christina Hirschl, CEO Silicon Austria Labs: "This cutting-edge lab was realized in record time, thanks to our strong partnership with Infineon. Equipped with state-of-the-art infrastructure and tools, this lab is now ready to harness the vast possibilities of UWB technology, driving game-changing innovations with Infineon chips that will shape the future."

Stefan Rohringer, Country R&D Officer Infineon Austria: "The new Infineon ultra-wideband lab in Graz exemplifies Austria's excellent research landscape and strong implementation capabilities. Through close collaboration with partners, our international teams, and customers, solutions are being developed here that strengthen the location and carry innovations from Austria out into the world."

UWB cutting edge wireless technology

Enabling precise and secured localization, as well as data transmission and sensing, Ultra-Wideband (UWB) is a cutting-edge wireless communication technology. While technologies like Bluetooth and Wi-Fi have their own strengths, UWB stands out by offering enhanced

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security features and centimeter-level accuracy, making it particularly suitable for applications in Industry 4.0, autonomous vehicles, healthcare, and more. Its robustness and resilience to interference further solidify its role as a key enabler across multiple industries:

- **Automotive:** Powering secured keyless car access and safety-critical features like child presence detection in the vehicle.
- **IoT and Smart Devices:** Supporting untracked (indoor) navigation and precise positioning, asset tracking, and providing spatial awareness for smart home automation.
- **Industrial Applications:** Enabling precise localization for robotics and logistics solutions as well as precise warehouse management.

The global demand for UWB-enabled devices is expected to grow significantly as automotive and smartphone manufacturers increasingly integrate this technology. According to Grand View Research, by 2030 the UWB market is expected to reach $4.7 billion USD, a significant leap from $1.4 billion USD in 2021 with a Compound Annual Growth Rate (CAGR) of 18.9% during this period.[1]

Strong secured, connected portfolio

The UWB application Lab in Graz is Infineon's first facility fully tailored to UWB technology. Designed to enable flexible testing, the lab supports solutions ranging from small IoT devices to full vehicle systems. With cutting-edge equipment such as motion-capture systems, autonomous robots, and wireless control technologies, the lab ensures precise and reproducible testing environments.

The company's robust connectivity portfolio is well-suited to the expanding market demand for secure and precise localization and sensing. This expertise complements Infineon's connectivity range, which includes Wi-Fi, Bluetooth®, and NFC solutions.

Strengthening global UWB Leadership

Infineon's commitment to UWB solutions for secured fine ranging, precise positioning and smart presence detection, is complimented by its active involvement in the FiRa® Consortium, having joined the board of directors in May 2025. Additionally, Infineon is involved in associated standardization bodies like IEEE or CCC as well as the Connectivity Standards Alliance (CSA) to simplify and harmonize global technological standards. This engagement ensures Infineon contributions to the standardization and adoption of UWB technology on a global scale.

About Infineon Austria

Infineon Technologies Austria AG is a subsidiary of Infineon Technologies AG, a global semiconductor leader in power systems and IoT. Semiconductors are essential for mastering the energy-related challenges of our time and helping to shape the digital transformation. Infineon's microelectronics drive decarbonization and digitalization and enable groundbreaking solutions for green and efficient energy, clean and safe mobility as well as a smart and secure IoT.

[1] https://www.firaconsortium.org/sites/default/files/2025-02/2024%20FiRa%20Annual%20Report%20-%20Final_0.pdf

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Infineon Austria pools competencies for research and development, production as well as global business responsibility. The head office is in Villach, with further branches in Graz, Klagenfurt, Linz, Innsbruck and Vienna. With 5,977 employees (including around 2,500 in research and development) from 78 nations, the company generated revenue of EUR 4.8 billion in the 2024 fiscal year (ending 30 September). With research expenditure of 686 million euros, Infineon Austria is the strongest research company in Austria.

Further information is available at www.infineon.com/austria

About SAL
Silicon Austria Labs (SAL) is Austria's leading research center for Electronics and Software Based Systems. With around 360 employees across Graz, Villach, and Linz, SAL drives innovation in environmental protection, health, energy, mobility, and safety. SAL brings together key players from industry, science and research, combining valuable expertise and know-how to conduct cooperative, application-oriented research along the value chain.

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