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# IEE'S IN-VEHICLE RADAR TECHNOLOGY VITASENSE CERTIFIED IN THE US AND CANADA

*IEE is the first sensor supplier to deploy 60-64 GHz radar technology for unattended child detection in North America, with both countries having certified VitaSense*

***22nd April 2021*** The U.S. Federal Communications Commission (FCC) took a major leap recently by granting waivers for the use of 57-64 GHz radar technology to help save children facing heatstroke risks when left unattended in a car. The decision came shortly after Innovation, Science and Economic Development of Canada (ISED) granted special authorization to IEE for the same technology.

The VitaSense system for unattended child detection was launched earlier this year in other parts of the world and will be introduced in North America with the arrival of the Genesis GV70 premium SUV in summer 2021.

"Many campaigners have been actively supporting the implementation of life-saving technology. This certification will help prevent tragedies or near-misses related to vehicular heatstroke. VitaSense plays a major role in the prevention mechanism, not only in the U.S., but worldwide, and we at IEE are celebrating the certification grant wholeheartedly. Our global teams worked around the clock for the success of this product. It is a great achievement to help families keep their kids safe," says Paul Schockmel, CEO of IEE. "We are proud to be the first ones to bring such systems on the automotive market and we look forward to setting a new standard for car child safety."

IEE's VitaSense combines in-house sensing expertise with extended research conducted in real environment with universities and medical specialists. "It was important for us to study the physiology of occupants, from new-born babies to adults, to build a product that is able to detect even the slightest breathing movement, thus triggering the warning functions of the vehicle," says Peter Larsen, Head of Radar Accelerator at IEE. "VitaSense is made for accuracy and reliability, all in a small unit behind the vehicle headliner which respects the car's interior design. It is great news that the product is introduced in the U.S. and Canada. The journey continues."

IEE commends ISED, the FCC and their staff for being pro-active in allowing

this life-saving technology to enter the automotive market.

**About IEE**

IEE S.A. is a worldwide developer, manufacturer and supplier of advanced sensing solutions and electronics for the automotive, building security and management, sports, medical areas, and beyond. Founded in 1989 and headquartered in the Automobility Campus, Bissen, Luxembourg, the company runs operations in Europe, the U.S. and Asia. IEE employs over 4,100 people, with more than 10% of the company's workforce focused on Research & Development, working on uncovering the next technologies. For more information, please visit www.iee-sensing.com.

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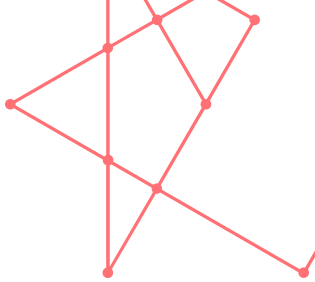

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