

For immediate release

CSEM and Sensifree announce research partnership

Exploring ultra-low-power sensors for cuffless blood pressure monitoring

Neuchâtel (CH), Cupertino (US), and Petach-Tikva (IL); January 23, 2017—Sensifree and CSEM join forces to create a disruptive technology for monitoring blood pressure without using a cuff. Combining CSEM’s expertise in the field of blood pressure monitoring and Sensifree’s novel, RF-based approach will pave the way for the production of a precious new tool for the highly attractive health wearables market.

Sensifree—the pioneer in low-power, RF-based sensors—and the Swiss research and technology organization (RTO) CSEM announce a research partnership within which the two companies will further develop Sensifree’s unique cuff-free blood pressure sensor technology, which opens up fantastic new opportunities for monitoring this physiological parameter.

With its patent pending RF-based technology, Sensifree is bringing a technology breakthrough to the fast-growing health wearables market, aiming to provide a real alternative to decades-old sensor technologies.

“We are extremely pleased to announce this collaboration,” explains Eran Agmon, co-founder and CEO of Sensifree. “We believe that CSEM will be decisive in our endeavors to develop the ‘holy grail’ of sensors—a cuff-free blood pressure sensor.” Ilan Barak, Sensifree CTO adds, “We have strategically decided to collaborate with CSEM because of its solid and internationally acknowledged background in non-obtrusive blood pressure estimation.”

“CSEM is widely known as a precursor in the measurement of vital parameters, especially cuffless blood pressure,” states Dr. Josep Solà, senior expert at the Swiss RTO. “We are looking forward to working with Sensifree, which brings a disruptive approach to this field with its novel RF-based sensors. We are excited by the opportunity to further explore this technology with the Sensifree team with the aim of providing a new, reliable, and ultra-low-power solution for the wearables market .”

About CSEM

CSEM—technologies that make the difference

CSEM, founded in 1984, is a Swiss research and development center (public-private partnership) specializing in microtechnology, nanotechnology, microelectronics, system engineering, photovoltaics, and communications technologies. Around 450 highly qualified specialists from various scientific and technical disciplines work for CSEM in Neuchâtel, Zurich, Muttenz, Alpnach, and Landquart.

Further information is available at www.csem.ch

Follow us on:    

About Sensifree

Sensifree is the pioneer of patented, low-power, RF-based sensors that collect a range of continuous health data. The company’s first sensor implementation was a heart rate sensor for wearable devices. Sensifree is now focussing on developing a cuff-free blood pressure sensor. The company is headquartered in Cupertino, CA (USA) with an R&D center in Petach-Tikva, Israel. www.sensifree.com

Media Contact: Liron Fialkov—lironf@sensifree.com