Bragi is developing the new technology suite for the next-generation of the Hearable

Bragi is now also offering the new platform as a reference design for professional Hearables

Barcelona, 25 February 2019 – Bragi, makers of the World's First Hearable, is unveiling the next-generation of its technology suite and is to introduce it at Mobile World Congress 2019.

The suite, consisting of **nanoSYSTEMS**, a sensor-rich hardware platform optimally designed for low-powered edge computing devices, **nanoOS**, Bragi's proprietary, hardware-agnostic and modular OS, and **nanoAI**, Bragi's machine learning based sensor fusion technology for embedded systems, will be available in Q2 of 2019. Based on this technology suite, Bragi offers both custom designed product solutions and ready-to-produce reference designs for hearables.

The upgraded platform enables new applications and features like *context-aware audio instructions and guidance*, *fall detection and emergency alert*, *contextual audio transparency* and *group communication,* all with an easy user interface based on the traditional touch or button interface, or more innovative AI powered interaction methods like head gestures, wake words and cheek touch.

Multiple microphones arrays provide state-of-the-art audio processing for hearing augmentation, voice control with wake-words and enhanced speech clarity during telephony. The technology suite also facilitates collaborative computing and supports various communications standards.

Bragi's reference design for true wireless hearable solutions will be commercially available in Q2 of 2019, supporting not only typical consumer applications like entertainment, sports and gaming, but also offering the potential for top and bottom-line benefits to organizations in a variety of industries such as manufacturing, public safety, healthcare and transportation.

The aforementioned technology suite offer falls into the solutions business announced at MWC 2018, which has since then expanded with new partnerships and associations.

In the quest of further developing the business unit, Bragi has joined forces with Quuppa, a leader in indoor tracking technology, to become an *AI System Integrator* that will bring artificial intelligence and machine learning solutions to the location system. This cooperation will drive the use cases to scale. "Quuppa is looking forward to partnering with Bragi and we are excited about the use cases our two companies can enable when combining high accurate real-time positioning and contextual intelligence.", Kimmo Kalliola, Quuppa CEO and co-founder.

To continue enabling Bragi's hardware and software solutions, the company has also partnered up with Syntiant, a semiconductor company from California and fellow campaigner in the pursue of moving AI and ML from cloud to edge devices. Syntiant specializes in ultra-low-power, high performance, deep neural network processors for edge computing and with the combination of Bragi technology, the time to market and the cost of the solutions will reduce.

"We are pleased to be working with the Bragi team in addressing the market opportunity in the global hearables segment," said Kurt Busch, CEO of Syntiant. "Bragi's NanoAI vision of bringing deep learning to the edge is well aligned with Syntiant's technology of enabling ultra-low-power always-on intelligent devices without cloud constraints."

About Bragi

Bragi was founded in 2013 and went live a year later on the crowdfunding platform Kickstarter.
With 15,998 backers who contributed over $3.3 million (USD), Bragi has evolved from a promising startup to a market moving creator of innovative technology, opening the new category of Hearables and Truly Wireless Earphones.

In 2018, Bragi introduced a new line of business focused on services and solutions with the presentation of Bragi nanoAI.

Bragi nanoAI technology suite allows Industries to reduce time and cost to market, enabling high frequency sensor processing to be combined with the lowest memory and processing footprint to date while offering the world´s most efficient artificial intelligence embedded in IoT devices.

Through relentless exploration and innovation, Bragi wants to transform the world of smart headphones and IoT by combining and offering its expertise in software and hardware development.

For more information about Bragi nanoAI, visit www.bragi.net

About Quuppa

Quuppa has raised the bar for accurate location positioning, delivering the world's most reliable, accurate and reliable location positioning thanks to its unique combination of Bluetooth Low Energy (BLE), the Angle of Arrival (AoA) algorithms and Angle of Departure (AoD) methodologies, as well as its advanced location algorithms that have been developed over the course of more than 15 years. The Quuppa Ecosystem has more than 100 partners around the world today who are using Quuppa's open positioning platform to deliver accurate, cost-effective location solutions to companies in a range of industries, including manufacturing and logistics, retail, healthcare, sports, law enforcement and security, government, asset tracking and others.

For more information about Quuppa, visit www.quuppa.com

About Syntiant

Founded in 2017 and headquartered in Irvine, Calif., Syntiant Corp. is moving artificial intelligence and machine learning from the cloud to edge devices. Syntiant's advanced chip solutions merge deep learning with semiconductor design to produce ultra-low-power, high performance, deep neural network processors for always-on applications in battery-powered IoT devices, ranging from hearing aids to smart speakers and mobile phones. More information can be found on www.syntiant.com or follow the company on Twitter @Syntiantcorp.

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