FOR IMMEDIATE RELEASE

EMASS to Showcase Ultra-Low Power Edge AI at Sensors Converge

Demos to feature ECS-DoT SoC versatility in wearable audio and intelligent asset tracking

LOS ANGELES (April 7, 2026) – EMASS, a Nanoveu subsidiary with next-generation semiconductor technology, today announced its participation in Sensors Converge 2026, taking place May 5–7 at the Santa Clara Convention Center. EMASS will demonstrate its ECS-DoT system-on-chip (SoC), a milliwatt-class, on-device AI platform engineered to deliver always-on intelligence with ultra-low latency, at Booth 820 in the Edge AI Foundation Pavilion.

The company arrives in Santa Clara as a finalist for the 2026 Best of Sensors Awards in the Best AI & Edge Computing Solution category. This nomination, alongside Founder and CTO Mohamed Sabry being named a Fierce Sensors Rising Star, highlights EMASS's role in advancing ultra-efficient, embedded intelligence. By proving that complex AI can run continuously on-device without traditional power and latency trade-offs, EMASS provides the technical framework necessary for the next generation of autonomous sensing.

At the event, EMASS will host live, application-focused demonstrations highlighting how the ECS-DoT enables smarter, longer-lasting products without changes to batteries or enclosures:

- **Bone-Conduction Audio & Voice Detection:** EMASS will demonstrate a novel hearable application using an Inertial Measurement Unit (IMU) to enable bone-conduction audio sensing. ECS-DoT detects voice activity and performs keyword spotting by analyzing jaw movement through the IMU, reducing reliance on always-on microphones and enabling private, low-power voice interaction in compact wearable devices.
- **Intelligent Asset Tracking:** EMASS's ECS-DoT allows asset trackers to be smaller, last longer, and provide smarter alerts. By replacing passive wake-and-report models with context-aware local processing, the chip enables a device to understand events in real time and transmit only when a meaningful state change occurs. This ensures multi-year battery life and an ultra-low wake-to-decision latency of under 10 milliseconds.

"Sensors Converge is the perfect stage to show how the sensor market is moving beyond simple data collection to true on-device intelligence," said Mark Goranson, CEO of EMASS. "By processing complex AI at the milliwatt level, we're enabling a new class of autonomous, always-on sensing that doesn't force developers to choose between battery life and sophisticated edge performance."

Additionally, the EMASS team will be available to discuss recent performance results regarding drone endurance and on-device processing gains.

To book a meeting with the EMASS team, or request a personalized demo, please email EMASS' vice president of sales and marketing, Scott Smyser at Scott@nanoveu.com.

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About EMASS

EMASS – a subsidiary of Nanoveu Ltd (ASX: NVU) – is an advanced semiconductor company specializing in ultra-low-power AI system-on-chip (SoC) solutions for edge computing. The company's flagship ECS-DoT chip delivers high-performance AI processing for vision, audio, and sensor data directly on-device, maximizing energy efficiency through its RISC-V architecture and non-volatile memory technologies. This always-on intelligence solution is optimized for power- and space-constrained applications including drones, wearables, healthcare devices and industrial IoT systems. For more information, visit nanoveu.com/emass.

About Nanoveu

Nanoveu is a listed company advancing human–machine experiences at the edge through a portfolio that spans ultra-low-power AI and glasses-free 3D technologies. Its subsidiary EMASS designs advanced system-on-chip (SoC) solutions that deliver efficient, scalable on-device AI for smart devices, IoT applications and 3D content transformation – enhancing Nanoveu's reach across rapidly growing AI, edge computing and 3D content markets. EyeFly3D™ is Nanoveu's end-to-end platform for glasses-free 3D, uniting proprietary screen technology with sophisticated content processing software and, now, EMASS's ultra-low-power SoC to bring immersive 3D to a wide range of devices and industries. The Company also develops and markets an advanced range of self-disinfecting and hydrophobic films and coatings under the Nanoshield™ brand, designed for applications including large-scale CSP and photovoltaic solar installations. Together, Nanoveu's businesses deliver practical innovation that makes devices smarter, environments safer and experiences more immersive.

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