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EMASS Advances ECS-DoT Deployment Through Collaboration with Arrow Electronics

Collaboration established to advance Ultra-Low-Power Edge AI Integration

SINGAPORE (Oct. 29, 2025) – EMASS, a Nanoveu subsidiary with next-generation semiconductor technology; and Arrow Electronics, a global provider of technology solutions have announced a collaboration to propel the deployment of EMASS' ECS-DoT SoC, designed for ultra-low-power edge AI solutions across drones, wearables, industrial IoT and smart sensing devices.

The collaboration combines Arrow's global engineering reach, design-for-manufacture expertise, distribution and supply-chain services with EMASS's milliwatt-class, on-device AI technology to help customers build and ship always-on products faster.

EMASS and Arrow are developing enhanced SDKs, developer tools and reference designs to expand the edge AI ecosystem. The NTU-Arrow Invent Lab will help provide engineering resources and support to accelerate innovation through the collaboration. EMASS and Arrow's joint tools, training and technology will open the possibility for developers to prototype edge AI applications faster than ever.

"At EMASS, we see a tremendous opportunity to redefine how edge AI empowers devices across industries," said Mark Goranson, CEO of EMASS. "By collaborating with Arrow, we can bring ECS-DoT technology to new markets faster and help developers create innovative, always-on AI applications that were previously impossible at such low power. This partnership positions us to lead the edge AI ecosystem and accelerate the adoption of real-time, on-device intelligence worldwide."

EMASS will utilize its deep relationships with OEMs and system integrators to leverage Arrow's global reach, technical expertise and strong distribution network, alongside collaborative SDKs, developer tools and reference designs. This collaboration will create a unique position to broaden EMASS's market reach and capture new opportunities in the AI SoC space.

Through technical guidance and robust support, the two companies aim to help developers easily deploy always-on, low-latency intelligence directly on devices, simplifying design cycles and enabling faster time-to-market for next-generation AI applications.

Arrow and EMASS will showcase their joint reference designs at Singapore Week of Innovation and Technology (SWITCH), taking place October 29–31, 2025. These developer tools are built to accelerate development and deployment of ultra-low-power edge AI solutions across a wide range of applications.

Ultimately, the collaboration will create a fast, scalable funnel for proof-of-concept, to pilot, to production for adoption of the ECS-DoT.

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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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