

# Blumind Wins Siemens and AWS Industry Disruptor Pitch Challenge at CES 2026

*Breakthrough Analog Semiconductor Solution Selected from 1200 Global Startups for Tackling the AI Compute Bottleneck and Enabling Physical AI*

OTTAWA, ONTARIO, CANADA, February 3, 2026 /EINPresswire.com/ -- [Blumind](#), a pioneer in ultra-low-power analog AI inference, has been named the winner of the prestigious [Siemens](#) and [Amazon](#) Web Services (AWS) Industry Disruptor Pitch Challenge at CES 2026. Selected from a competitive field of 1,200 groundbreaking startups, Blumind was recognized for its ability to deliver always-on AI processing with near-zero power consumption, solving critical energy efficiency challenges in industrial IoT and other demanding edge environments.



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*Niraj Mathur, CEO and Co-Founder of Blumind*

The Industry Disruptor Pitch Challenge highlights startups redefining the future of technology and was judged by a distinguished panel of industry leaders, including Karen Langona, Global Partner Sales Director at Amazon Web Services; Maggie Saling, Chief of Operations at StartUpNV; and Kal Mos, Head of Research and Predevelopment and EVP at Siemens.

Modern AI chips are constrained by a fundamental architectural limitation known as the Von Neumann bottleneck, where data must be constantly shuttled between separate memory and processing units. This data movement dominates energy consumption and latency, making continuous, real-time AI impractical for power-constrained edge environments. Blumind's winning technology directly overcomes this limitation by performing neural network operations within the transistor itself. Through its analog compute-in-transistor architecture, Blumind delivers 100x to 1,000x greater energy efficiency than conventional digital approaches, enabling always-on intelligence where power, latency, and reliability are critical.

Kal Mos, Head of Research and Predevelopment & EVP at Siemens, commented, "Blumind won the Siemens & AWS Industry Disruptor Pitch challenge at CES because Blumind's analog

compute-in-transistor technology represents a significant step forward in edge intelligence. By overcoming the efficiency limits of traditional Von Neumann architectures, Blumind enables ultra-low-power, always-on AI at the extreme edge. This approach reflects broader industry exploration into new silicon architectures to support emerging industrial and physical AI use cases. Blumind's platform enables intelligent industrial sensors that process and filter data locally, reduce latency, and lower overall system cost."

"We are incredibly honored to be recognized by such a distinguished panel of judges at CES," said Niraj Mathur, Co-Founder and CEO of Blumind. "This award validates our vision that the future of Physical AI includes analog processors. By eliminating the latency and power penalties of digital data movement, we are not just making sensors and edge infrastructure smarter; we are enabling them to run indefinitely on batteries or harvested energy, opening new frontiers for factory automation and smart infrastructure."

#### About Blumind:

Blumind is a semiconductor startup revolutionizing edge AI with its proprietary analog compute-in-transistor architecture. Its solutions deliver extreme energy efficiency and low latency for always-on applications and Physical AI, enabling the performance required for the next generation of industrial and consumer IoT devices.

Learn more at: <https://www.blumind.ai>

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