

EPIC Semiconductors Debuts the Highest Achievement in Edge AI — Introducing Smart Dust

Booth #306, TechConnect World Innovation Conference & Expo 2025 | June 9–11 | Austin, TX

AI CHIP SMART DUST

The Highest Achievement in Edge AI

Unlocking intelligence where no electronics could operate before.

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Vancouver, British Columbia May 15, 2025 ([Issuewire.com](https://www.issuewire.com)) - [EPIC Semiconductors](https://www.epic-semiconductors.com) Inc. is proud to present Smart Dust, the future of electronics—unpowered, untethered, unstoppable—at the [2025 TechConnect World Innovation Conference & Expo](#). Designed to operate where traditional electronics fail, Smart Dust represents the pinnacle of edge intelligence, delivering real-time AI sensing and decision-making without batteries, antennas, or external infrastructure.

"This is not an evolution. It's a revolution."

Smart Dust is a leap beyond electronics as we know them — fusing energy harvesting, edge AI, and secure ambient communication into a system smaller than a grain of sand."

Developed to withstand extreme, infrastructure-denied environments — from deep metal enclosures to underwater and remote terrains — Smart Dust is invisible, autonomous, and unstoppable. It enables continuous data awareness, real-time processing, and silent, secure communication through a proprietary non-magnetic interface, completely outside the RF spectrum.

- Built for the Future's Most Demanding Missions:

- **Unstoppable Intelligence:** Battery-free, autonomous, and always operational
- **Dominate the Edge:** Operates seamlessly in metal, water, and hostile environments
- **Perpetual Awareness:** No reboot, no downtime — real-time AI sensing at the edge
- **Invisible Operations:** Secure, undetectable communication without RF
- **Zero Infrastructure. Zero Limits.:** Deploy in seconds. No power grid. No gateways.

Smart Dust opens up critical new capabilities in defense, aerospace, medical logistics, infrastructure monitoring, and national security — where real-time intelligence, zero-trace communication, and untethered deployment are not optional, but essential.

See It First at TechConnect 2025

Booth 306 | June 9–11, 2025 | JW Marriott, Austin, TX

About EPIC Semiconductors Inc.

EPIC Semiconductors is a Canadian deep tech company inventing and manufacturing ambient-powered, pre-quantum microelectronic systems. Headquartered in Vancouver, EPIC is redefining the architecture of electronics — with fully self-powered, AI-capable chips that operate without interference, infrastructure, or compromise.

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