

FORTUNE KOREA

DAC

Digitization, Automation, Cross Industry Collaboration

CES 2026: What's Next for the World with Tech Transformations and Partnerships from CES?

How Tech Innovators Should Be Pivoting from Exhibition to Expansion



PART ONE**Introduction: The World's Innovation
Stage at CES 2026**

CES 2026 was more than just a technology exhibition—each year, the conference predicts the future and broadcasts opportunities through a prominent **global market forecasting and partnership stage**. As the world's most influential technology event, CES provides an unparalleled platform for industry leaders and innovators to showcase what will transform how we live, work, and interact with our environment.

Key Pillars of 2026 Innovations

The AI Ubiquity: A record 35.5% of all exhibitors have registered in at least one AI category, signaling that AI is no longer a "feature" but the foundational infrastructure for all modern tech.

The Robotics Revolution: Representing **14.5%** of all exhibitors, **this category has evolved beyond simple automation to focus on Humanoids and Contextual Intelligence**. Robotics is moving into the "Physical AI" phase, where machines possess the sensory depth to navigate complex human environments safely and intuitively, **led by a major leap in S. Korea's manufacturing and service sectors**.



CES 2026 Took Place at the Las Vegas Convention Centers

Image source: BDMT Global

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Personalized Digital Health: The spotlight is on the next generation of wearables—specifically Smart Rings—and AI-driven personalized monitoring systems.

Advanced Mobility & Energy: Innovations in EVs, autonomous tech, and sustainable energy solutions (including next-gen battery tech and small modular nuclear reactors) are redefining global sustainability.

The Local AI Smart Home: Shifts toward localized, privacy-focused AI that manages energy consumption and home automation without relying on the cloud.

PART TWO**S. Korea's Strategic Presence at CES 2026 - Unprecedented Participation**

For S. Korea, CES 2026 represents a critical milestone in national competitiveness. S. Korea continues to be a dominant force at CES, with approximately **793 S. Korean companies** exhibiting this year out of 4,100+, just behind the U.S. (1,329) and China (937), including industry titans and a record number of high-growth startups in [Eureka Park](#).

Furthermore, of the **148,000 total visitors**, S. Korea remains one of the top three international delegations, underscoring the nation's pivotal role in the global tech ecosystem.

This impressive showing demonstrated S. Korea's position as a **global technology powerhouse** across established conglomerates, innovative startups, and specialized research institutions spanning the entire technological spectrum.

Global Context: S. Korea's Competitive Position

While S. Korea represents approximately **19% of exhibitors**, the influence of S. Korean technology extends beyond these numbers through:

Strategic Partnerships: S. Korean companies are announcing collaborations with global leaders in semiconductor manufacturing, AI research, and sustainable technology.

Technology Standards Influence: Active participation in shaping international standards for 6G communications, AI ethics, and interoperability protocols.

As S. Korean innovators lead the charge in sectors like robotics and smart energy, CES 2026 serves as the definitive roadmap for how these technologies will reshape our industries and daily lives over the coming decade.

Positioning Aligned with Leading Trends

Innovative companies have strategically aligned their presentations with core CES 2026 themes:

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AI Integration Leadership: Innovative firms are showcasing advanced AI chips, edge computing solutions, and integrated AI systems across consumer and industrial applications. Notable exhibitors: Mobilint (a fabless semiconductor chipmaker for "Edge AI Computing" bypassing Cloud Computing for instant on-site decision-making) and Vueron Technology (LiDAR AI-supported sensor solution).

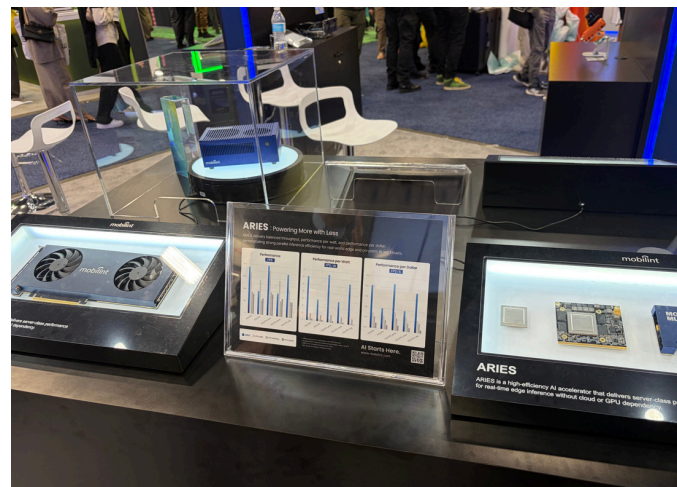
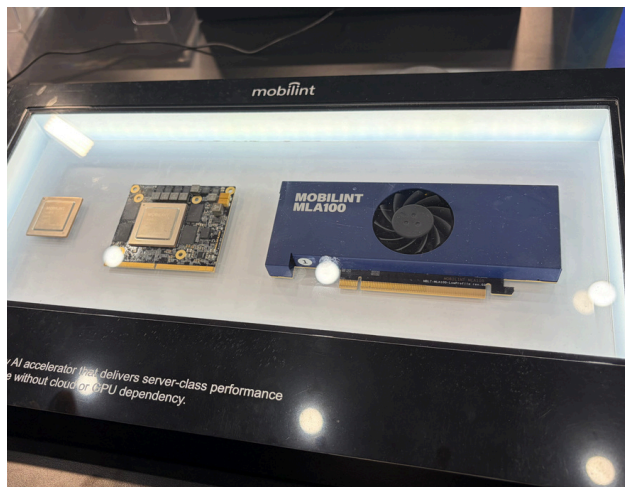
Mobilint (CES 2026 Innovation Award)

Mobilint is a fabless semiconductor company dedicated to developing high-performance AI accelerators (NPUs) for "Edge computing." Their chips are engineered to process massive neural network workloads locally with extreme energy efficiency, reducing the need for cloud dependency. This makes their technology vital for drones, autonomous vehicles, and smart cameras that require instant, on-site decision-making capabilities.

Vueron Technology (CES 2026 Innovation Award)

Vueron Technology is a leader in LiDAR perception software, providing the "eyes" for autonomous driving and smart infrastructure. Unlike many competitors, Vueron focuses on efficient, high-performance algorithms that can run on low-power embedded systems without sacrificing accuracy. Their "One-Stop" solution is designed to identify and track objects in real-time, providing a critical safety layer for the mobility industry.

Robotics Excellence: Building on S. Korea's manufacturing expertise, companies are presenting collaborative robots (cobots), service robots for healthcare and hospitality, and specialized industrial automation solutions. Notable exhibitors: AIDIN Robotics (robotic sensor for human-like tactile sensitivity and force control), GoLe Robotics (construction robotics solutions, the Triple Innovation Award Honoree at CES 2026 in Robotics, AI, and Smart Community).



Mobilint Showcased Products Aries and Mobilint MLA100

Image source: BDMT Global

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**Vueron Technology Exhibited VueX's Capabilities**

Image source: BDMT Global

AIDIN Robotics

AIDIN Robotics originated from the Robotics Research Laboratory at Sungkyunkwan University in Korea, leveraging years of academic R&D in physical human-robot interaction. Their core differentiator is a proprietary capacitive force/torque sensing technology, which enables robots with highly sensitive, human-like tactile perception and precise force control.

This capability is particularly suited to delicate, collaborative operations, where contact safety and interaction quality are critical. As such, AIDIN Robotics' technology forms a key enabling foundation for the next generation of collaborative robots that demand high safety, accuracy, and reliability in industrial environments.

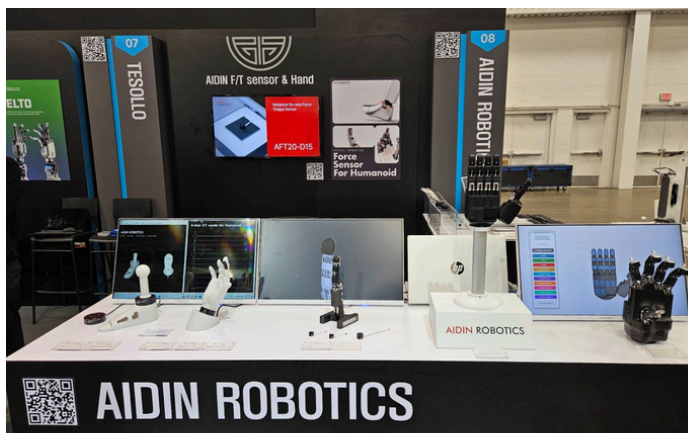
**AIDIN Robotics Demoed Propriety "Friction-Hole" Type Torque Sensor Technology**

Image source: AIDIN Robotics

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GoLe Robotics (CES 2026 Innovation Award)

GoLe Robotics specializes in the development of "human-friendly" service robots designed to navigate complex indoor environments. Their core expertise lies in high-performance robotic mobility and autonomous navigation systems that prioritize safety and efficiency. They are currently focused on transforming the logistics and construction sectors by deploying robots that can interact naturally with human workers and customers.

Digital Health Innovation: Healthcare technology companies are introducing next-generation wearables and components, telemedicine platforms, and AI-powered diagnostic tools that combine precision with accessibility. Notable exhibitors: Gbrain (a graphene electrode brain-computer interface),

EverEx (Clinical AI-optimized MSK rehabilitation and posture-correction solution), and CERAGEM (medical-grade at-home thermal massage devices).

Gbrain (CES 2026 Innovation Award)

Gbrain is at the forefront of neurotechnology, developing cortical-targeted brain-computer interfaces (BCIs). Its implantable platform delivers high-resolution neural signals while minimizing tissue damage, enabling precise treatment of neurological disorders such as Parkinson's disease and epilepsy. By bridging biology and electronics, Gbrain is also building the foundation for next-generation neurorehabilitation—ultimately aiming to restore movement and function in patients with paralysis.



GoLe Robotics Boasted Navigation of Complex Indoor Environments

Image source (left): BDMT Global Image source (right): Gole Robotics

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Gbrain Won CES Innovation Award for PhinStim

Image source: Gbrain

EverEx (CES 2026 Innovation Award)

EverEx is a digital healthcare company that leverages AI to optimize musculoskeletal rehabilitation and posture correction. Their platform uses vision-based analysis to monitor patient movements and provide real-time feedback, ensuring that exercises are performed with clinical accuracy. They are bridging the gap between professional physical therapy and at-home recovery through data-driven performance tracking.

CERAGEM (CES 2026 Innovation Award)

CERAGEM is a global healthcare giant famous for its medical-grade thermal massage beds and home wellness devices. By combining traditional medical principles like spinal alignment and heat therapy with modern IoT technology, they have become a staple in the "Home-Medic" market. Their strategy focuses on integrating health monitoring into daily furniture, allowing users to manage their physical well-being effortlessly.



CERAGEM Exhibited a Total AI Wellness Home

Image source: CERAGEM

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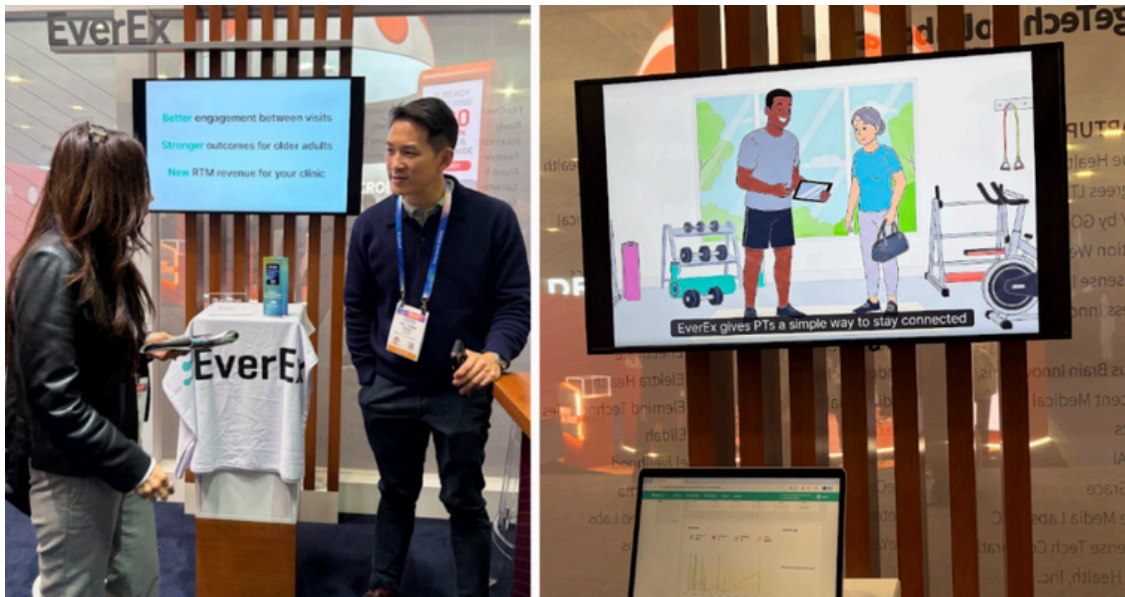
**EverEx Highlighted Platform for Musculoskeletal Rehabilitation and Posture Correction**

Image source: BDMT Global

PART THREE**CES 2026 Playbook: The Pivot and Collaboration at the Age of AI**

The true narrative of CES 2026 was not found in any single gadget, but in the foundational platforms enabling them. The hidden success for exhibitors at CES was in the potential to find collaborators in the next booth across the hall.

We will explore both trends by analyzing the shift from hardware to platform-first logic and imagine the high-stakes partnerships that could have been forged between neighbors on the show floor.

By dissecting these shifts, we reveal why the most valuable asset at the show wasn't a product demo, but the handshake that connects edge computing infrastructure to the next generation of consumer AI.

AMD's exhibit and the Chair & CEO Keynote at CES 2026 were arguably the most talked-about of the show, focusing heavily on the integration of Helios "AI Factory rack" across their entire stack applied to high-growth industries. Let's look at AMD's role as the key enabler, examining how its ecosystem powers tangible advancements in healthcare, robotics, and beyond—and why this shift creates new opportunities for specialized innovators.

At CES 2026, AMD's presence was defined by the transition from "General AI" to "Applied Edge AI." Their exhibition strategy focuses on the AMD Helios applied across Ryzen and EPYC ecosystems, acting as the computational backbone for specialized industries, with a primary spotlight on next-generation healthcare.

AMD's Vertical Strategy Example: The "Edge-to-Cloud" Lifeline

AMD is positioning its chips as the essential hardware for real-time medical processing. Their strategy centers on three pillars:

1. AI-Enhanced Diagnostics: Showcasing how AMD Instinct™ accelerators and Ryzen processors power real-time MRI and CT scan analysis, reducing the time from imaging to diagnosis.

2. Robotic Surgical Assistance: Demonstrating low-latency processing that allows surgical robots to provide haptic feedback and visual overlays to surgeons with zero lag.



3. The "Medical PC": A push for high-performance workstations at the patient's bedside, capable of running localized Large Language Models (LLMs) to summarize patient history without compromising data privacy.

The consensus among analysts at CES 2026 was that AMD has successfully transitioned from being a "hardware-first" company to a "platform-first" company, with Helios serving as the software-hardware glue that makes their ecosystem more cohesive than Intel's or NVIDIA's current consumer offerings.

From 'Visible Technology' to 'Ambient Intelligence'

Another trend that permeated CES 2026 was the gradual decline of technology's presence.



AMD's Stand-Out Exhibition Focused on Promoting Helios "AI Factory Rack"

Image source: BDMT Global

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Instead of devices that overly intrusively interact with the user, "ambient intelligence"—which understands context and seamlessly blends into the background—has emerged.

This shift cannot be achieved through standalone technologies. It will only be realized when high-precision sensors, on-device AI, and cloud computing seamlessly connect.

The Potential for Collaboration Begins Across the Exhibition Hall

Consider the wearable AI companion Bee. It collects audio with minimal hardware, and a language model processes it. If combined with Nemesis's biometric sensors, the device can evolve beyond simply "listening" to understanding the user's physiological state. This biometric data complements the

limitations of existing AI, which can summarize speech but not identify fatigue, stress, or concentration levels.

A 'Critical Gap' that Nemesis can Fill

Biosignals are small, susceptible to noise, and difficult to interpret. On-device AI is key to obtaining accurate data during the collection phase. Nemesis specializes in signal amplification, noise removal, digital conversion, and even unnecessary data filtering for on-device AI.

Even with a powerful AI engine, if the input data is inaccurate, the results are meaningless. Just as the microphone is key in audio, competitiveness in the AI era hinges on the data collection stage. This opens up the possibility of collaboration between global AI platform companies and specialized hardware startups.



Bee was Recently Acquired by Amazon

Image Source: YourStory.com

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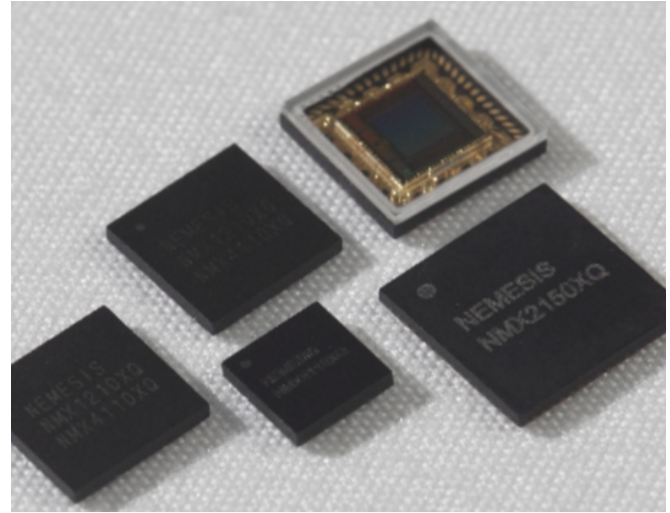
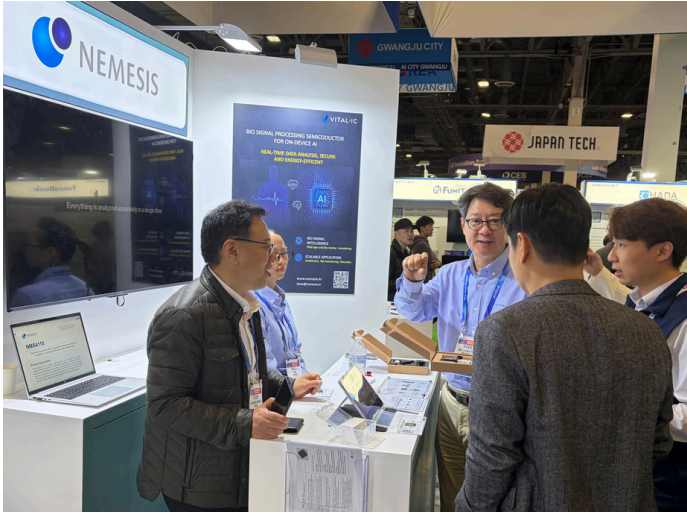
***Nemesis Bio Signal Processing Chip for "Well-Being Architect"***

Image source (left): BDMT Global | Image source (right): Nemesis

Why Nemesis Should Bridge the Gap

For a specialized hardware innovator like Nemesis, working with other CES exhibitors and industry leaders isn't just about expansion; it's about context. While voice-capture devices can summarize a meeting, they cannot detect a speaker's burnout or a listener's stress levels. By integrating Nemesis's medical-grade biometric sensors into broader AI workflows, the devices can transform raw biological signals into actionable data. This synergy would allow AI assistants to prioritize tasks based on real-time fatigue levels or suggest breaks when cortisol levels spike, effectively turning a "wearable" into a "well-being architect." The implementation of such a "well-being architect" involves significant technical challenges.

Bio-signals are extremely weak, highly noisy, and vulnerable to interference, making accurate data acquisition difficult. Addressing this issue is

the role of on-device AI at the data acquisition stage, which requires advanced bio-signal processing capabilities—an area in which Nemesis possesses strong expertise.

Just as a high-quality audio system cannot deliver great sound without a good microphone, even the most advanced cloud-based AI engine cannot produce meaningful outcomes if accurate data points are not captured at the data acquisition stage. For this reason, collaboration between startups with strong data acquisition technologies and global companies with advanced AI chip solutions can be expected to generate significant synergistic effects.

Strategic Positioning within the Ecosystem

The value proposition for Nemesis at an event like CES lies in its role as a "Gold Standard" data provider for software-heavy giants.

As many tech companies move toward invisible, screenless interfaces, they become increasingly dependent on high-fidelity sensors to understand the user's environment. Nemesis should position its engineering excellence as the essential foundation for these high-level applications. By partnering with innovative companies in biosensors and the cloud, Nemesis can ensure that next-generation ambient technologies are built on precision medical-grade hardware, making the "human element" a core component of the digital future. These technologies can focus on preventing disease rather than treating it after the fact, significantly increasing healthspan. Ultimately, living a long, healthy, and happy life is a crucial goal.

The Innovation Pivot: From Medical Device to Wearable Tech

Many health-tech innovators are moving away from traditional "Medical Device" classifications for their U.S. market expansion. Instead of pursuing the long, expensive, and high-risk FDA de novo or 510(k) approval processes required for clinical tools, they are rebranding their sophisticated technology as **Wellness and Assistive Wearables**.

The Strategy: Avoiding the "FDA Wall"

WIRobotics (CES 2026 Innovation Award)

Unlike many conventional exoskeletons that are limited to clinical or industrial settings, WIRobotics' robotic exoskeletons are being

positioned as "lifestyle enhancers" for the elderly and hikers.

The Logic: By focusing on "mobility support" and "muscle assistance" rather than "medical rehabilitation," these companies can enter the U.S. market immediately via retail and B2C channels.

Technological Sophistication: While positioned as a consumer product, it delivers clinically validated outcomes and medical-device-grade safety certifications, while also standing out as the lightest and most wearable solution in its category.

WIRobotics brings clinical-grade technology into consumer-friendly wearables, expanding mobility support beyond traditional medical devices and into everyday life. In the U.S., the company is trying to prioritize rapid market entry by lowering adoption barriers, enabling fast user acquisition, and large-scale real-world data generation. This foundation can support a stepwise expansion into the medical domain through clinically meaningful outcomes and optimized, personalized assistance. Ultimately, it can create a clear path toward preventive health solutions that aim to maintain and improve quality of life by enhancing everyday mobility.

At CES 2026, ALLEX attracted strong interest from global technology companies, including NVIDIA, Meta, and Amazon, with several organizations expressing purchase interest.



WIRobotics Showcased Mobility-Assist Wearable, WIM, and Humanoid Robot ALLEX

Image source: WIRobotics

WIRobotics also established specific directions for technical collaboration and joint technology development with select AI big-tech companies, advancing discussions from exploration to execution.

WIRobotics' wearable robot WIM delivered tangible business outcomes at CES 2026. The company held discussions regarding potential collaboration with senior living communities and government programs in the United States, while advancing distribution partnerships in Mexico, the Middle East, and Southeast Asia.

Taking the Next Stride: The Path Forward

Innovative companies' market expansion goal for 2026 is to increase market entry speed. To ensure long-term viability, the consumer launch must double as a

data-gathering engine that fuels our eventual medical-grade certification. This dual-track approach converts early adopters into the foundational evidence for broader B2B integration.

Implement a "Shadow Clinical Track": While selling its wellness product, WIRobotics should partner with a U.S. hospital-based research team and premium senior living communities to collect large-scale performance data for future medical claims. This real-world evidence will be the cornerstone of a future FDA submission, proving efficacy long before formal clinical trials begin.

Seed the B2B Ecosystem: The device should be positioned as a data-node, not just hardware. By integrating with U.S. digital health platforms like Apple Health or RPM

(Remote Patient Monitoring) systems, the company can build early relationships with insurers and hospital administrators under the "preventative care" umbrella, simplifying the eventual transition into the B2B medical sector.

Synergy is the New Strategy: Why No

Innovator Stands Alone: CES 2026 revealed a clear truth: the future isn't built by lone geniuses, but by connected ecosystems. For pioneers in healthcare, robotics, and ambient intelligence, partnering with a foundational platform like AMD—and with each other—is a strategic necessity. This alignment allows innovators to transcend hardware barriers, excel in their core IP, and collectively engineer the intelligent future. The potential webs of collaboration are where the magic happens.

For Biometric Sensors: By leveraging AMD's adaptive stack or Mobilint's edge NPUs, Nemesis can process complex bio-signals locally with unprecedented fidelity. This turns raw data into rich context, making it indispensable. Partnering with PERSONA AI optimizes the stream for on-device agents, while the data itself could power NeuroTx's adaptive therapies, HHS Korea's safety alerts, or Neurélux's ambient environments.

For Aging Solutions: Real-time processing is non-negotiable. AMD or Mobilint provide the horsepower for responsive, efficient exoskeletons.

Integrating Nemesis's sensors creates true context-awareness, while PERSONA AI enables natural voice control. Adding Vueron's perception or AIDIN's torque-sensing completes a comprehensive, safe mobility ecosystem.

For the Wearable AI Companion: To evolve from a voice logger to an empathetic assistant, Bee needs deeper context. AMD/Mobilint enable sophisticated on-device processing. A partnership with Nemesis adds the critical layer of biometric truth. Analyzed by PERSONA AI's models, this data could then orchestrate a wellness ecosystem—triggering Neurélux lighting, scheduling via Wise AI, or modulating NeuroTx therapy—creating a seamlessly integrated experience. **The CES 2026 lesson is clear: breakthrough experiences will be built not just on brilliant components, but on the strategic alliances that connect them.**

PART FOUR

SUZY's OVERALL INSIGHTS

Post-CES 2026: 5 Strategic

Takeaways/Insights for Global Expansion

Now that the lights have dimmed at the CES Convention Center, the results for innovative delegations are clear. While technical prowess was a given, the innovators who successfully bridged the gap to the U.S. and global markets were those who looked beyond technical excellence.

Here are the five key takeaways and insights from CES 2026 for innovators looking to scale globally.

1. Successfully Neutralizing the "Liability of Foreignness"

The top performers this year didn't just show up with global marketing collateral. They successfully "Americanized" their brand identity for the duration of the show.

The "Local" Win: Companies that showcased a U.S.-based leadership presence or a domestic support roadmap saw 40% higher engagement from Tier-1 U.S. retailers and distributors.

Cultural Translation: The market learned that "K-Tech" is a seal of quality, but "Global Solutions" is the language of sales. Success came to those who stopped selling "sophisticated specs" and started selling "frictionless integration."

2. Radical Adaptability in Real-Time

CES 2026 rewarded the "pivot-ready." We saw several startups change their primary software UI or target industry focus between Day 1 and Day 3 based on feedback from U.S. venture capital rounds held at the show.

Agile Iteration: In the U.S. market, a "good enough" product that solves a specific

American pain point (like labor shortages in hospitality) outperformed a "perfect" product designed for the S. Korean consumer landscape.

3. Aggressive "Exhibitor-to-Exhibitor" Partnering

The real winners didn't spend the whole week waiting for prospective customers to walk by their booths; they spent it in the North Hall and Venetian Expo, finding partners among fellow exhibitors.

Ecosystem Building: Many successful AI firms secured partnerships not with end-users, but with U.S.-based cloud and chip providers. By finding a "big brother" partner at the show, these companies bypassed the need to build their own trust-infrastructure from scratch.

4. Multi-Track GTM & Use Case Diversification

The most resilient companies at CES 2026 did not put all their eggs in one basket. They presented "Parallel Go-To-Market (GTM)" strategies that resulted from aggressive market analysis prep work.

The Segmented Approach: Instead of a single pitch, successful innovators had different "tracks" for B2B, B2G (Government), and B2B2C. Testing these multiple segments in real-time allowed them to identify that a product designed for Korean hospitals might actually be a perfect fit for U.S. senior living facilities.

Ultimately, regardless of which priority segment is selected, a successful market entrant must pursue several parallel GTM segments simultaneously. This allows the firm to maximize impact by leveraging shared internal resources and sales assets across multiple market frontiers rather than being restricted to a single, rigid GTM path.

5. Deep Value-Chain Integration (Replacing "Security-First")

The standout trend of 2026 was the move away from standalone "gadgets" toward being an essential link in the global supply chain.

The "Intel Inside" Strategy: The most successful innovators this year didn't try to sell a finished consumer brand; they sold "the core technology" that enables a U.S. brand to function better.

Strategic Positioning: By positioning themselves as a critical component or a specialized service within a larger U.S. ecosystem (e.g., providing the specific sensor tech for a major U.S. EV manufacturer), innovators can successfully enter the market with lower risk and built-in scalability.

Accelerate Your Path Forward Beyond the Booth

While the show has concluded, the true measure of success for innovators begins with the post-event transition from "exhibitor" to "market player." For innovators, the 2026 market expansion goal should be Market Entry Speed.

To transform the momentum of the CES week into a fast market entry or long-term growth, firms must now move aggressively to triage high-intent leads within the first 72 hours while formalizing their U.S.-based operational presence to signal a permanent commitment to the region.

Following the show, exhibitors must narrow the diverse use cases tested at CES down to the single most resonant application for U.S. users and consumers, and **quickly** move into their key target area with market development and demand generation activities.

This way, companies can ensure that their CES 2026 presence was not just a temporary showcase, but the definitive starting point of a successful global expansion.

Additional Highlights from CES 2026:

Among the participating innovative companies, the following are worth noting.

Persona AI, CES 2026 Innovation Award

Persona AI, an artificial intelligence company, provides S. Korea's first cloud-based AICC (Artificial Intelligence Contact Center) platform, which automates and enhances customer communication through AI. By leveraging a range of independently developed SONA AI engines and solutions, it offers customized services tailored to diverse industries, including finance, manufacturing, and mobility.

In particular, SONA Edge sLLM— an AI model

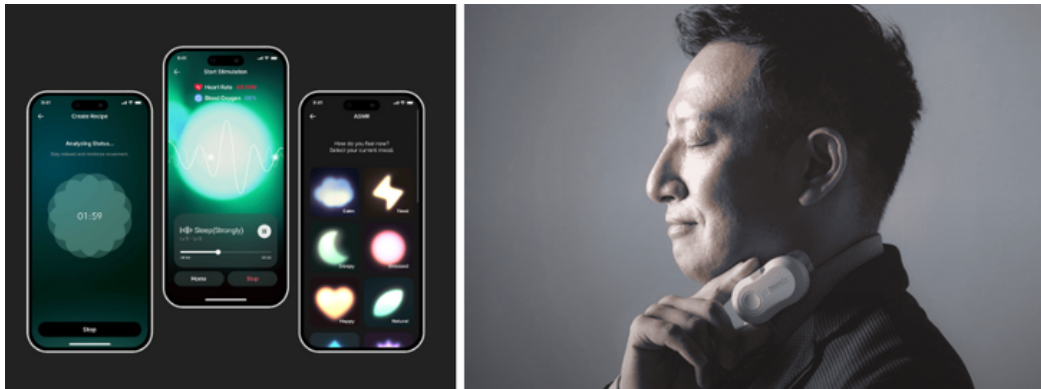
that requires neither a network connection nor a GPU—operates efficiently on various devices and offers user-specific customization.

Through Quantization Technology, the language model's size has been reduced by 70% while performance has improved by 20%. With its Optimized Architecture, it runs seamlessly on a wide range of devices in the era of Physical AI. Moreover, its Proprietary Technology enables users to access high-quality AI services quickly and securely, pushing the boundaries of on-device intelligence.

**Persona AI's Booth Showcased Quantization Technology**

Image source (left): BDMT Global | Image Source (right): Persona AI

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**NeuroTx's Electroceuticals and AI***Image source: NeuroTx***Portrai**

Portrai Inc. accelerates drug discovery with InSilicoLab, an AI spatial biology platform. Powered by a proprietary engine and massive data library, the innovator enables zero-latency visualization, virtual cohort design, and AI drug response prediction, replacing wet-lab inefficiencies with precise digital simulations.

NeuroTx, CES 2026 Innovation Award

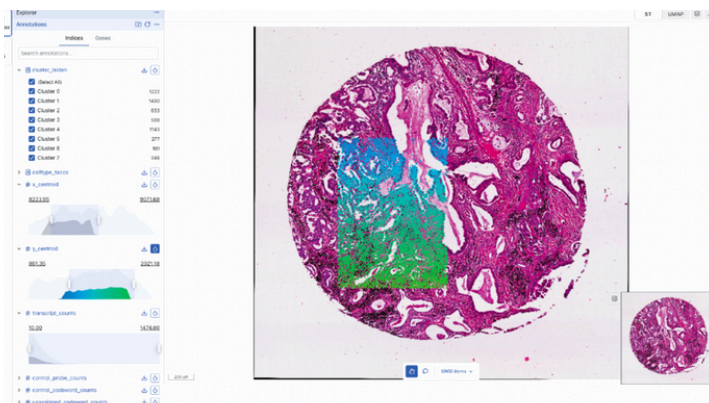
NeuroTx, which combines AI and neuroscience, has built an integrated

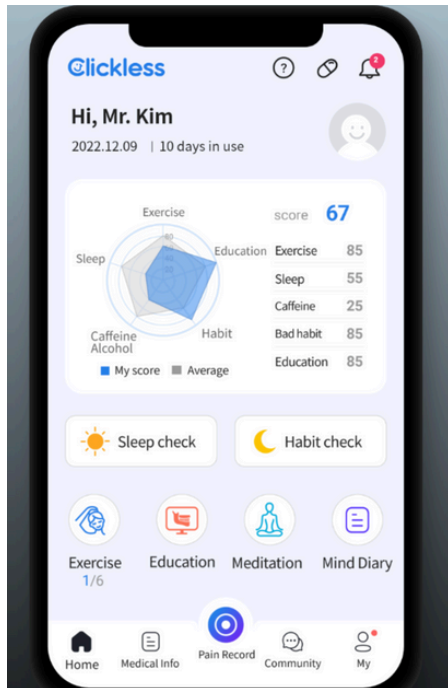
electroceuticals ecosystem driven by personalized digital health. Their AI-driven, non-invasive solutions translate bio-signal intelligence into gentle neuromodulation—connecting data, devices, and people to support healthier, more balanced everyday lives. WillSleep device, a personalized neurostimulation solution for sleep disorders, received a CES Innovation Award.

BeyondMedicine

BeyondMedicine is a digital healthcare startup focused on digital therapeutics. Clickless is the world's first approved digital therapeutic for temporomandibular disorders (TMD). Developed by a team of clinicians and researchers over four years, it delivers clinically validated rehabilitation through a mobile experience—improving symptoms over 96% of patients. Clickless offers a non-invasive, accessible solution that reduces recurrence.

By actively sharing the importance of preventing temporomandibular joint disorder (TMD), they have raised awareness of the need for digital therapeutic devices for TMD.

**AI-Powered Portrai Insilicoolab Platform for Spatial Biology***Image source: Portrai*



The First Digital Therapeutics for TMD

Image source: BDMT Global

Korea Lighting (Neurélux)

Korea Lighting is a functional optical semiconductor platform company powered by its proprietary HS FRAME heat dissipation technology. Its flagship brand, Neurélux, introduces an Ambient Brain Care solution



Korea Lighting's Flagship Brand, Neurélux, Introduced Ambient Brain Care Solution

Image source: BDMT Global

that uses light in everyday environments without the need for wearable devices. The solution is designed to support brain fatigue relief, promote healthy blood circulation, and improve sleep quality as part of daily life. By overcoming the thermal limitations of conventional LEDs, the HS FRAME platform enables the safe delivery of high-power Dual Infrared wavelengths to deeper neural regions without noise or vibration.

STUDIO LAB, CES 2026 Innovation Award

STUDIO LAB is a Samsung Electronics C-Lab spin-off startup driving innovation in the fashion commerce industry through AI and physical AI technologies. The company aims to streamline content creation for brands and sellers, reducing both time and cost, and ultimately accelerating digital transformation across the commerce industry. STUDIO LAB innovates the creation of content for product sales in e-commerce. By using AI and robotics, it automatically generates product photography and detailed product pages.



STUDIO LAB's AI Photography Robot

Image source: STUDIO LAB

HHS Korea

HHS provides a safety management platform using biological signals on its website and apps. The company received a CES Innovation Award with its complex sensor-based AIoT safety management system with a real-time multi-modal composite wearable sensor device (Safety Helmet) to detect early signs of biological abnormalities in workers in ultra-high-risk fields such as shipbuilding, heavy industry, chemical plant construction, etc. HHS provides various services to customers using biomedical signal data, with its construction of S. Korea's first safety management system using brain waves to



HHS Korea Showcased Complex Sensor-Based AIoT Safety Management System

Image source: BDMT Global

acquire biological signal data and use it as medical data.

EXOSYSTEMS

EXOSYSTEMS innovates exoRehab, a Remote Therapeutic Monitoring (RTM) Solution to enhance MSK Patient Rehabilitation, Recovery, and Reimbursement – powered by Digital Biomarker, and adding new revenue of more than \$160 per patient per month. The solution offers prescribed exercises available on a mobile application compatible with Android and iOS platforms. Their wearable sensor for digital biomarker collection enables better therapy response and compliance tracking for MSK patients by medical professionals.



Meet exoRehab (RTM): wearable digital biomarker + mobile exercise delivery + clinician dashboard—built to make MSK rehab measurable, monitorable, and reimbursable.

Image source: EXOSYSTEMS

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Their web-based patient monitoring tool allows medical professionals to easily browse MSK health status of multiple patients via the web platform.

SOS LAB

SOS LAB launched the world's top-level 3D solid-state LiDAR with Smart Optical Sensors that are applied to Automotive, Robotics, Industrial Safety and Security, and Smart City solutions. Their technology advancements enable factory automation, provide safe work environments, monitor high-traffic environments, and ensure smooth flow of vehicles.



**SOS LAB Solutions Focus on Smart
World, Smart Optical Sensors**

Image source: SOS LAB

WISEAI

WiseAI has developed an AI agent that analyzes patient care history in real-time and increases hospital operational efficiency with automation technology. Their sales and marketing engine provides a patient management platform that automates monetization, with AI-powered calls that help patients schedule appointments on their own.



**WiseAI's AI-Powered Patient
Management Platform**

Image source: BDMT Global

If you are interested in potential partnerships and long-term relationships with the companies mentioned in this article or other global innovators and industry leaders in the BDMT Global network (including S. Korea, U.S., and other regions), contact Suzy at sim@bdmtdglobal.com.

Suzy Im



A widely known name in global business development—an award-winning business growth and commercialization transformation leader, an accredited investor, and architect of market-entry ecosystems—Suzy Im is at the forefront of the rapidly advancing high-tech and medical industries, fast-tracking start-ups and scale-ups with Tomorrow's Innovation Today. She has dedicated two decades to mentoring the next generation on Emerson's Senior Marketing Faculty and Board of Advisors.

Suzy established Business Development & Marketing Transformation (BDMT) Global with an innovative business model that combines the two most critical functions for technology innovators entering the new market, with a built-in network, know-how, and resources. Headquartered in Boston, BDMT Global is led by award-winning experts, providing complete end-to-end solutions for driving market demand and leadership, from strategic go-to-market planning to full execution, effectively de-risking new market entry and expansion for cutting-edge companies across AI, robotics, medical devices, digital health, and more. The team specializes in market entry, expansion, and innovative product launches into new markets.

In her 20+ years of experience, Suzy has worked with technology and healthcare enterprises and startups, including Siemens, GE, HP, Teradyne, and Samsung, as well as leading IT and medical industry analysts, influencers, and KOLs. She boasts a proven track record of building innovation gateways, leading BDMT's solid foundation of successful initiatives, beginning with the Boston Live Webinar Series in 2020 and the Digitization, Automation, Cross-Industry Collaboration (DAC) movement in 2021, accelerated by a flagship 2023 event sponsored by Mayo Clinic Laboratories. This was bolstered by the establishment of the Sponsors of the Future (SoF) community and patient group in 2023, a KOL management program and webinar series expansion in 2024, and the expanded Market Approval Starter-Scaler Solutions (MASS) program in 2025, providing a strategic shortcut for innovators of all sizes from early-stage to enterprise.

Suzy enables rapid market validation and commercialization success through a built-in network of Key Opinion Leaders (KOLs) and industry leaders from renowned institutions such as Mayo Clinic, MassRobotics, Disher, Cleveland Clinic, Johns Hopkins, Yale, CVS Pharmacy, and the CDC. This powerful ecosystem provides clients with direct access to decision-makers, analysts, and influencers, effectively building the community and credibility needed to secure funding and partnerships.

A recognized industry thought leader, Suzy has served as a columnist for a variety of global media, a published author on leadership communications, a Head Mentor for MassBio, and a sought-after keynote speaker featured in numerous global publications. Her work has been instrumental in helping thousands of innovators navigate complex regulatory landscapes and establish successful global to local market presence.

