What the world's biggest stage for innovation, CES, can tell us about the future of brand experience.

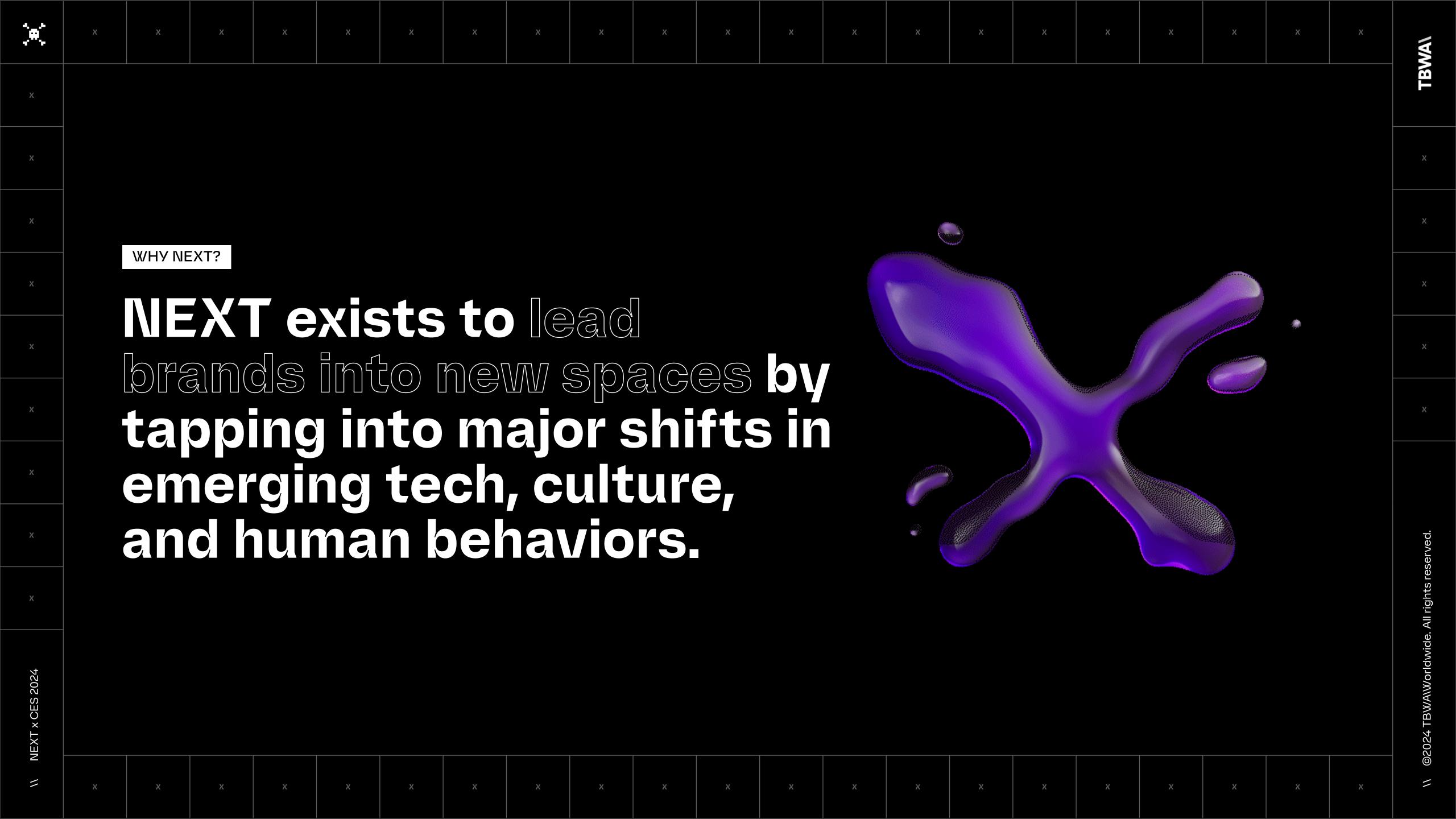
CES

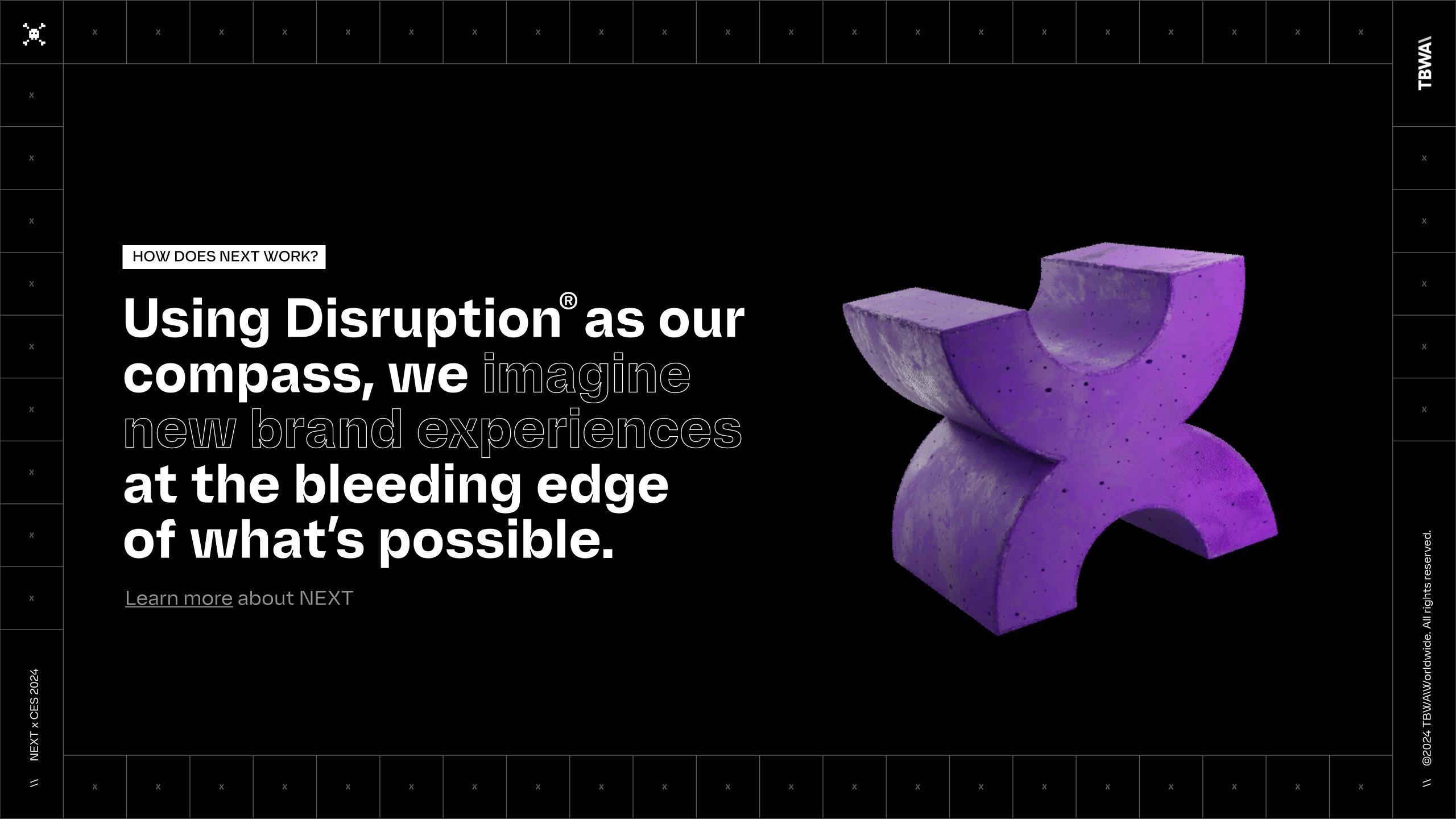
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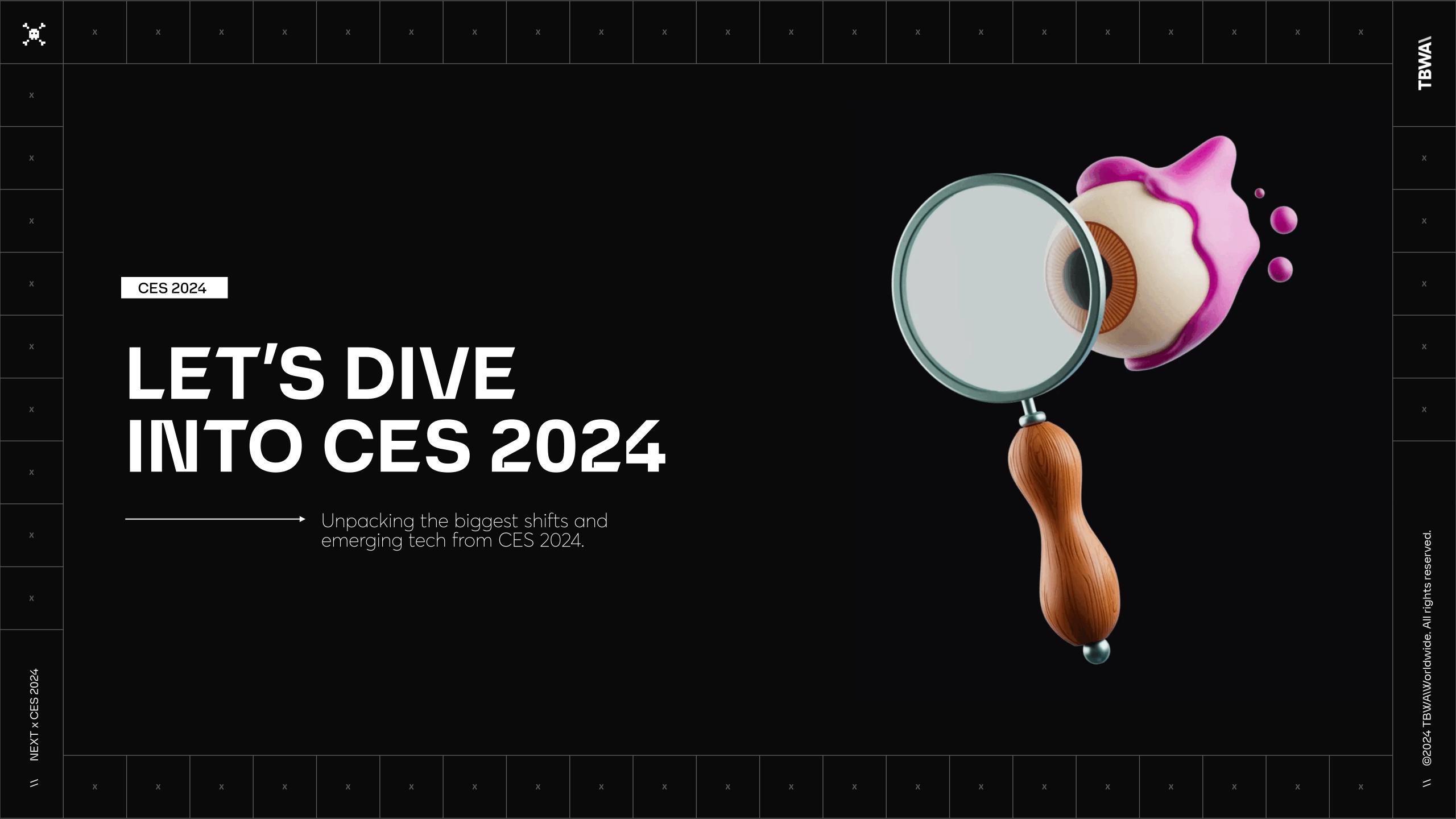
CES

NEXT











CES GIVES US A GLIMPSE INTO THE **FUTURE** OF TECH

It's an eclectic mix of conceptual dreams and consumer-ready tech that shows us where the world is heading.

Screens WENT TRANSPARENT





Chips GOT FASTER



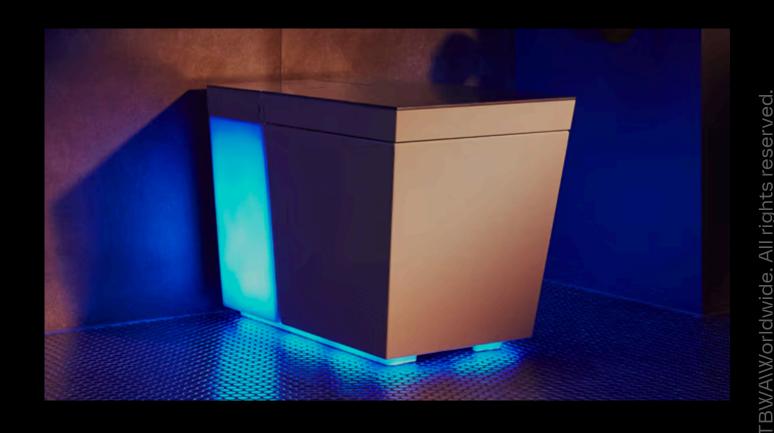
Robots BECAME COMPANIONS



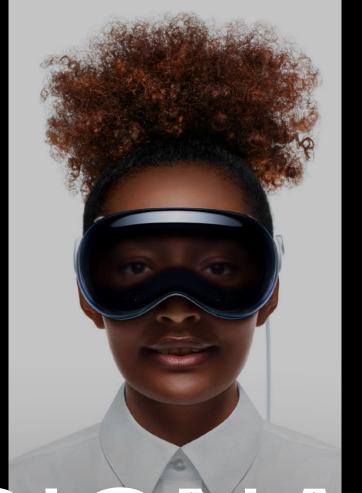
Tractors SAVED THE PLANET



Smart Toilets WILL NEVER GIVE UP







SIGNALING MAJOR SHIFTS IN AUTOMOUS MOBILITY OPINIZED BEHIR







THESE SIGNALS CAN HELP POINT US TO WHAT'S NEXT FOR BRANDS

From main-stage updates, to the niche fringes of Eureka Park. We covered a lot of ground and thousands of press releases to distill what it all could mean for brands.



FOR THE FIRST TIME IN YEARS WE FEEL GENUINELY EXCITED

There was a renewed energy and excitement this year. New releases felt tangible with realistic use cases, versus far-off concepts. Here are some of the things that got us excited.

WE SAW A PUSH TO MAKE TECH FEEL INVISIBLE AND ENIBEDDED

→ We saw a lot of hardware designed to blend-in or disappear, pointing to an interface and screen-free future.



DESIGNING FOR A HEALTHIER RELATIONSHIP WITH TECH

As consumers seek to change their relationship with technology, brands are responding with a more balanced approach. Ironically, we always see this anti-tech angle at CES.



EVERYTHING HAD AI-EMBEDDED OR AN INBUILT AI-ASSISTANT

As expected AI was everywhere, in everything, and announced all at once. For brands, the use of AI alone is no longer going to be a differentiator, it's what you do with it that matters most.

NEW TOOLS TO CRAFT ENIBODIED AND MINNERSNIE EXPERIENCES

→ While the metaverse hype has faded, we saw a continued commitment to spatial computing and extended reality, providing us new tools to play with.

LESS FAR-OFF SURREALISM MORE PRACTICAL REALISM

Overall, brands were less caught up in surreal future-visions of the metaverse, web3 or Al. We saw more practical and grounded visions that focus on today's users.

EVERYTHING IS ARACETO ZERO

Zero carbon. Zero waste. Zero energy. As expected the sustainability race hasn't slowed down, it has evolved and expanded to every corner of the CES floor.



INCLUSIVITY IS INERYTHING

This year we felt that inclusive design was less overt, performative or gimmicky, but instead embedded in everything. Big brands like L'Oréal, Microsoft and Samsung continue to be pioneers in this space.

BUT WHAT DOES ALL THIS HAVE TO DO WITH MY BRAND?

We get it, it's hard to relate semiconductors to selling insurance, but bear with us as we curate the best and translate it back to brand experience. Start by asking...

How does this signal a **STRATEGIC SHIFT** that will shape new behaviors?

How could we **REMIX** or **BUILD** on these new ideas to create new experiences that weren't possible before?

How could we **COLLABORATE** with the pioneers on the fringes of tech?

A NEW EXPERIENCE TOOLBOX & EXPANDED CREATIVE CANVIAS

Ultimately, as brand builders and creative architects, we are excited by the new opportunities and behaviors at our disposal.

LET'S DIVE INTO THE SIX BIGGEST THENIES

→ We'll focus on the fringe and emerging signals we saw at CES. Then we'll bring it all back to what it means for brands.

SIX THEMES FROM CES 2024



Intimate Al

Al is getting personal. As Al becomes more accessible and normalized, we're seeing intimate and personal relationships forming between humans and machines. We saw an explosion of new Al-powered innovations that reach further into our lives.

* a new Edge for 2024



Spatial

The future of experience is spatial. As the metaverse hype fades, we saw a continued commitment to spatial computing and extended reality, pushing further into new tech and hardware that enables more immersive and three-dimensional experiences.



Ambient Interfaces

Screens are dead. A desire to restrict our screen time and remove interfaces from our tech diet has led to the growth of ambient interfaces. CES showed us that new interfaces are rising up, allowing brands to own a unique voice, gesture, or mode of engagement.



Neural Control

The gap between humans and machines is shrinking. This year at CES we saw advancements in brain-computer interfaces and neural-control-devices. What was once a sci-fi dream is now becoming a reality, creating new ways to interact with our environment and tech.



Optimized Anatomy

Nothing is off-limits. A desire for control and democratized access has us taking biology into our own hands. At CES we saw an evergrowing category that helps people hack their way to a healthier, smarter, and younger version of themselves.



Inclusive By Design

Design for one, scale to many. Inclusivity shouldn't be a checkbox, it's a form of design thinking, and this year at CES we saw Al as the key ingredient in closing exclusion gaps, whilst expanding access for marginalized communities. A focus on software meant solutions could scale further and faster.

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(A)

Examples



L'Oréal Beauty Genius

Nearly every brand at CES debuted an Al assistant, but L'Oréal has pushed the boundaries of how far an assistant can go, from advising on hyperspecific beauty needs, to intimate and sensitive topics usually reserve for expert opinion. Integrating 10 different LLMs to achieve the level of specificity needed.



Yellosis Cym702 Seat

Again this year we saw a wave of smart-toilets designed to monitor your health through urine analysis. The entire household's results are tracked via an app, allowing users to easily and independently monitor health conditions.

AFEELA Personal Mobility Agent

Sony Honda Mobility is bringing AI to AFEELA with the help of Microsoft and OpenAI. This deeper level of connection and personality hopes to make mobility interactive and expressive. Redefining the relationship between people and mobility to create an "emotional experience".





Rabbit R1

R1 is a push-to-talk virtual AI assistant. Acting independently from smartphones, R1 aims to support everyday tasks and provide an app-free online experience. The R1 went on sale shortly after CES and immediately sold out of it's first two batches in two days.



WHAT DOES THIS MEAN FOR YOUR BRAND?

Generative Al continues to accelerate through the hype cycle and adoption continues to grow, forcing brands to rapidly shift from experimentation to practical application of Al, now. We can't just wait idly by.

As our relationship with Al grows more intimate we can design utilities that solve more specific, niche or personal problems—ultimately going beyond surface-level commands to build deeper relationships with consumers.

Inversely, brands can counter this trend and take an anti-Al position by doubling down on their people, expertise, and human connections.

WHAT IF?

What if Al allowed you to extend the role of your brand deeper into the product experience? What if your brand's most distinctive asset was its voice and personality? What if your entire purchase journey was enabled by an Al assistant, reducing ROI?

The future of experiences is spatial. As the metaverse hype fades, we saw a continued commitment to spatial computing and extended reality, pushing further into pow toch and further into new tech and hardware that enables more immersive and threedimensional experiences.



Examples





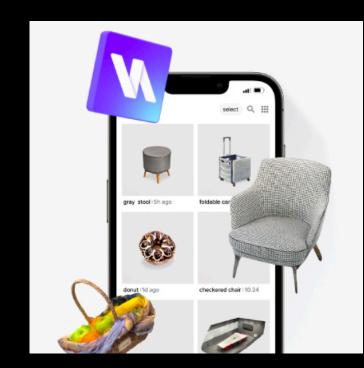






Apple Vision Pro

Apple stole the show at CES, without even making an appearance. Announcing the early release date for Apple Vision Pro as February 2nd in the U.S. Setting the stage for the future of extended spatial experiences.



RebuilderAl

As spatial experiences become more common we'll need accessible and easy-to-use software to scan and document our surroundings. RebuilderAl is an application that allows any phone to scan and render 3D objects, with the help of Al.

Phantom

Designed for spatial computing, this wearable provides haptic feedback to the nervous system. Founded by neural engineers, it aims to create seamless real-and virtual-world interaction.





MBUX Sound Drive

MBUX Sound Drive, coming to select Mercedes-Benz electric EQ models, reimagines the audio driving experience. By creating and remixing music whilst you drive, it aims to blend the internal and external environment to create a deeply immersive journey.



Spatial



Click here to play

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WHAT DOES THIS MEAN FOR YOUR BRAND?

A spatial future means we're no longer bound by the limitations of reality, we can push the boundaries of physics and expand our creative canvas. This gives us a new set of creative tools and experience techniques to express ourselves with. We can now make experiences people move through instead of just scroll through.

As experiences become more spatial and three-dimensional we need to start thinking about how our brands translate in these environments. What are your brand's most distinctive assets in a 3D environment, or how could you create deeper and more immersive levels of storytelling?

This shift isn't just limited to headsets or expensive hardware, even mobile experiences and audio experiences can tap into spatial thinking.

WHAT IF?

What if we designed new storytelling formats that allow for deeper immersion? What if spatial design could help explain complex topics or provide immersive context? What if your immersive shopping experiences could reduce your retail footprint?

Screens are dead. A desire to restrict our screen time and remove interfaces from our tech diet has led to the growth of ambient interfaces. ČES showed us that new interfaces are rising up, allowing brands to own a unique voice, gesture, or mode of engagement.



Examples







mui Board Gen 2

The mui Board is a simple smart home controller that blends into your natural environment. Built out of wood and a minimal touch interface, it seeks to create a central control for the home while removing the visual connection to your technology.





Doublepoint Technologies "Wow Mouse"

"Wow Mouse" is an application that works with existing smart watches and allows users to control their device via gesture-based interactions, allowing for a moreambient relationship with technology. By building within existing device ecosystems, Doublepoint is creating more accessible, and adoptable, technology for all.



GUIDi

GUIDi is an Al-powered belt that uses haptic feedback to guide the visually impaired. Limiting the current reliance on cellular and GSP navigation.

WHSP Ring

A sleek and minimal wearable ring that allows you to communicate with your phone, or an Al assistant by discrete whispering. Further proof that screens are becoming the enemy and devices that give us a moreambient relationship with technology are rising up.





Summary

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WHAT DOES THIS MEAN FOR YOUR BRAND?

While this technology is still emerging we've consistently seen signals that highlight its growing importance. Major players like Samsung and niche brands like Hu.ma.ne are responding to consumers' desire for screen-free tech.

As consumers seek out more ambient and screen-free experiences we must start to design for engagements that prioritise voice and movement over visual stimulus. Brands can start to own a unique voice, gesture, or entirely new modes of engagement.

While consumers rebalance and reprioritize their relationship with hardware we might need to focus on experiences where consumers opt-in (pull) versus relying on broadcast messaging (push).

WHAT IF?

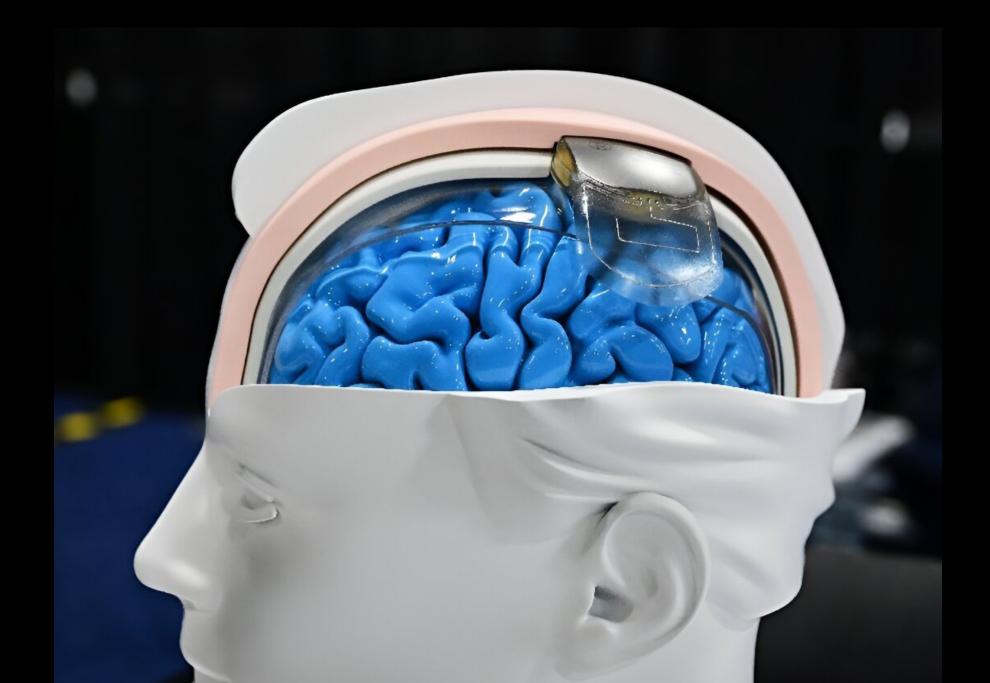
What if a memetic gesture was your brand's most distinctive asset? A nod, a look, a "wazzzzup"? What if one simple gesture could replace the complicated purchase process? What if we reimagined iconic voice-led storytelling techniques of the past?

The gap between humans and machines is shrinking. This year at CES we saw advancements in braincomputer interfaces and neural control devices. What was once a sci-fi pipe dream is now becoming a reality, creating new ways to interact with our environment and technology.

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Examples



WIMAGINE

A brain-computer interface designed to record and decode movement signals, enabling patients to regain mobility in everyday tasks by controlling the nervous system. Implanted directly on the brain, WIMAGINE provides users with natural control of their movements.



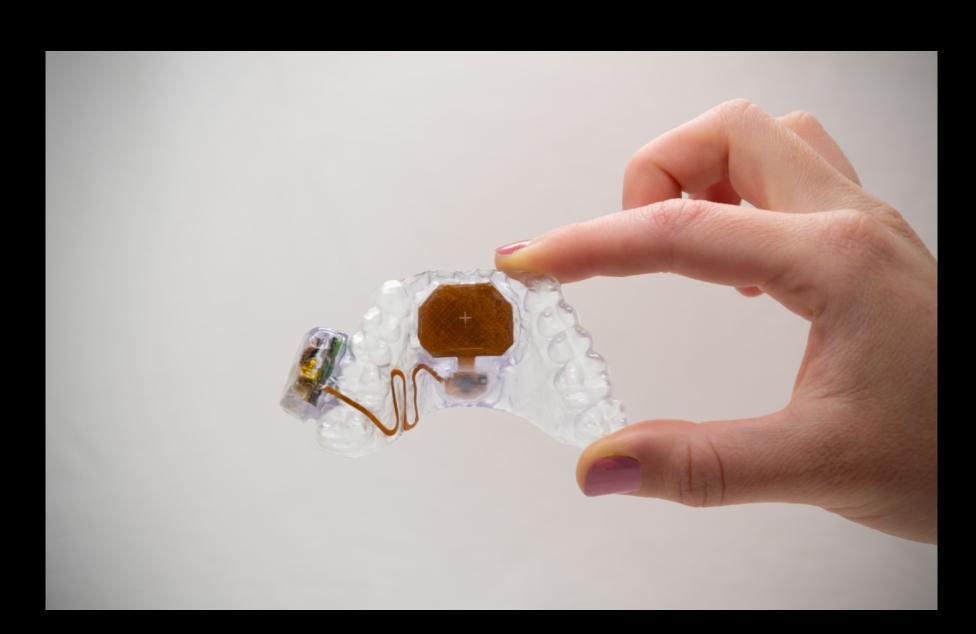
Naqi Neural Earbuds

A good example of a non-implant neural device is the Naqi earbuds that can take control of computers, IoT devices and more without the need for physical insertion. It simply uses your facial muscle movements to control six unique functions.

Master & Dynamic Neurable

High-end headphone brand Master & Dynamic and neuroscience company Neurable have created headphones that measure brain waves to monitor for signs of stress and help you discover your "optimal focus time.". As a consumer-ready product they're already promising new features and more "control".





MouthPad

MouthPad gives users control of their smartphones and computers via a touchpad in their mouth. Using just your tongue you can control the device by scrolling, and clicking. This is a simple example of how existing technology can revolutionize the way humans interact and live alongside computers.



WHAT DOES THIS MEAN FOR YOUR BRAND?

We appreciate this technology is incredibly niche and emergent, making it hard to translate to mass-market brands or mass impact. But bear with us.

On one hand, we see an overlap with Ambient Interfaces where people want a low-intervention way to control technology, or to free up their arms to improve productivity. And on the other hand, we see a promise of an embedded connection between humans and machines, solving medical issues or making experiences more inclusive.

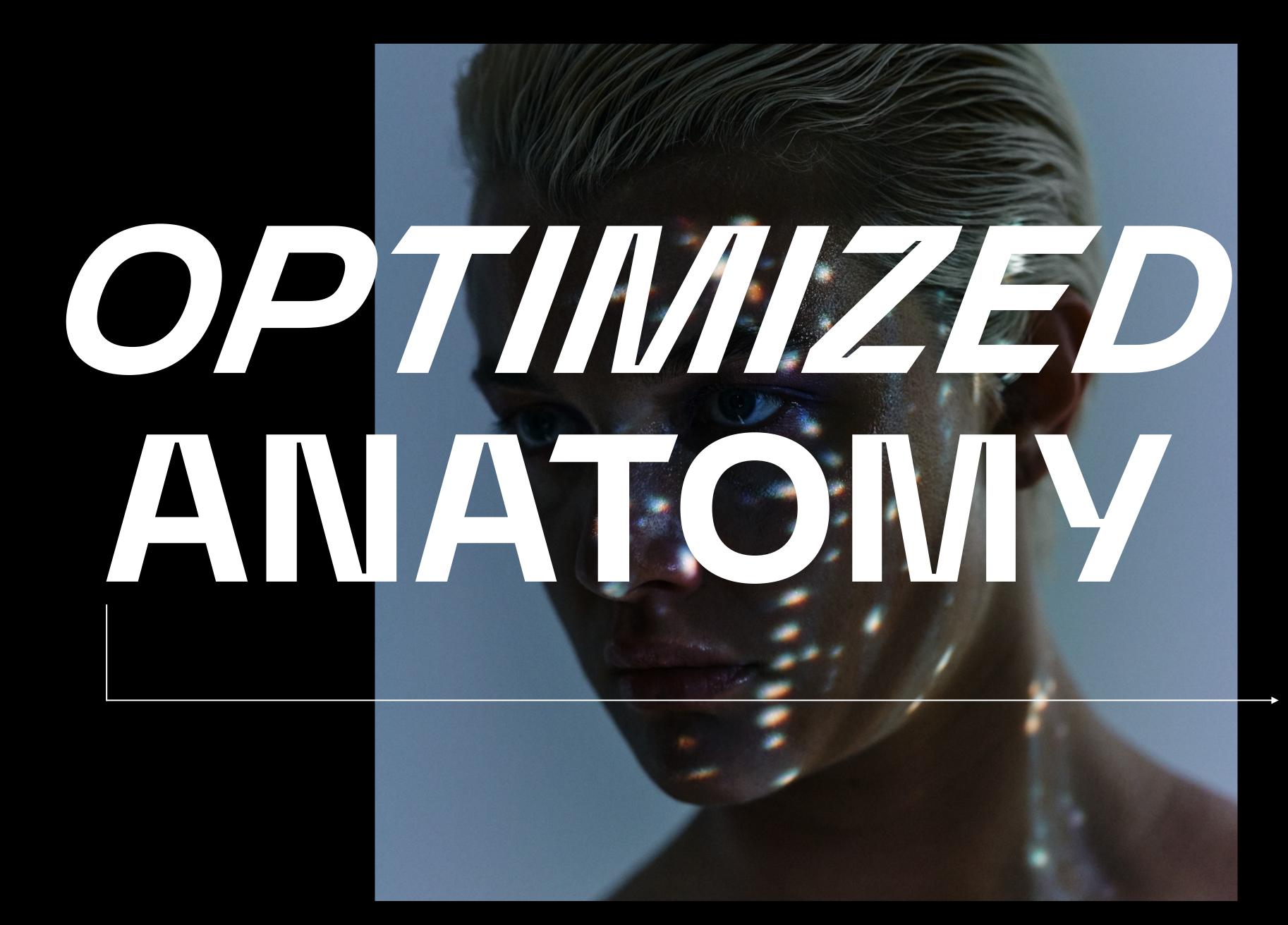
The promise of mind reading also creates a series of fun opportunities to adapt experiences to consumers' moods and environmental needs, but early use cases of this technology have been novel and gimmicky.

WHAT IF?

What if we used BCI to build a more inclusive and accessible experience for overlooked audiences? What if we used neural scanning to express what people are really thinking?

What if we could adapt experiences to match your mood and mindset?





Nothing is off limits. A desire for control and democratized access has us taking biology into our own hands. At CES we saw an ever-growing category that helps people hack their way to a healthier, smarter, and younger version of themselves.



Examples





MindLink Air

Glasses that go beyond sight assistance. MindLink Air tracks and monitors focus, fatigue and eye strain. Enabling users to better understand their eye health and make improvements to their lifestyle for their brain and eye health.



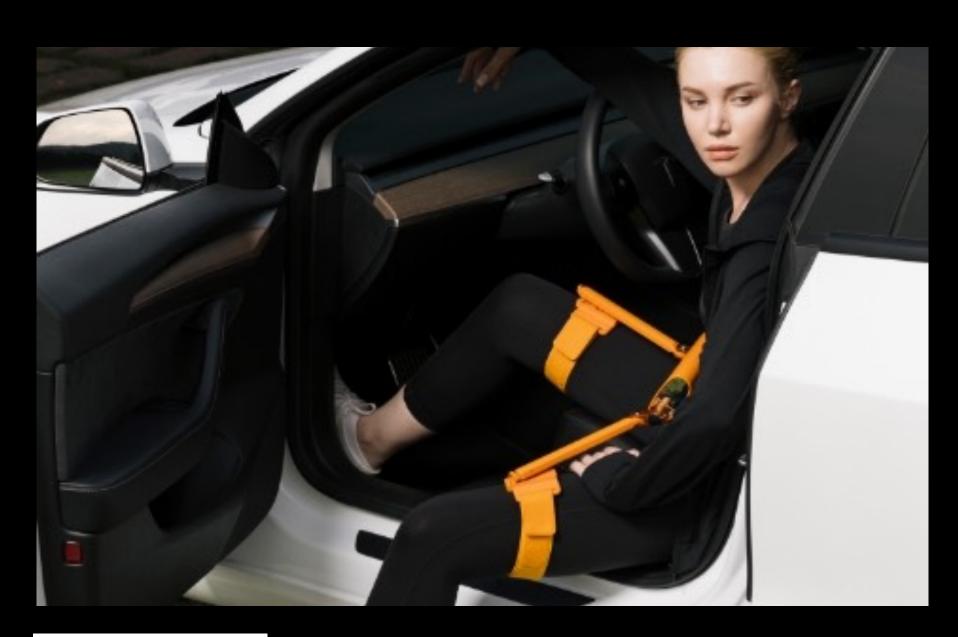
Mind AI Smart Mirror

Using Al to analyze the expressions and gestures of a person looking into the mirror, it aims to provide light therapy and meditations to help individuals manage stress and improve their mental wellbeing.

Supersapiens

Glucose monitoring company Supersapiens taps into the technology built by Abbot and a custombuilt app ecosystem that allows people to optimize their performance, recovery, and nutrition through glucose stability. Each year at CES we've seen the evolution of glucose monitors as they become a more mainstream product.





WiRobotics WIM

A wearable robotic designed to help all individuals walk better by providing assistance for both daily tasks and exercise. Expanding reach and benefits of wearable robotics.



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WHAT DOES THIS MEAN FOR YOUR BRAND?

In previous years this shift has occupied the medical and healthcare space, but we've seen its influence grow and evolve, now entering new categories and domains.

As brands continue to give consumers control and allow for more intimate personalization we see three major areas of opportunity for brands or product owners:

- 1. Create solutions that help people adapt their mood, mindset or performance
- 2. Democratize access to something that was previously very specialized or out of reach
- B. Design experiences that help people optimize their lives and extend a product benefit

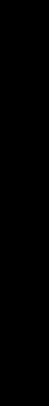
WHAT IF?

What if major brands collaborated with niche medical or healthcare companies? What if we democratized access to the most exclusive parts of our brands? What if we focused on how our products can alter-emotions or shift-moods?

Design for one, scale to many. Inclusivity shouldn't be a checkbox, it's a form of design thinking, and this year at CES we saw Al as the key ingredient in closing exclusion gaps, whilst expanding access for marginalized communities. A focus on software meant solutions could scale further and faster.

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Examples



Whispp App

An Al-powered assistive speech and phone-call app, Whisper is able to convert whispered and impaired tones into the user's natural voice. Making voice communications more accessible across daily life.



SocialDream VR Therapy

Using VR as a tool for emotional support and therapy, SocialDream aims to provide personalized and emotionally connected experiences for vulnerable communities, including the elderly and disabled.

GyroGlove

The worlds most-advanced hand tremor stabilizer. Using the first medical mechanical gyroscope to instantly stabilize hand tremors. Providing an alternative treatment solution to restore and improve quality of life.



wrtn.

Translator •

Researcher

Developer

Your First Al

Agent

ImageMaker

CreativePartner

Assistant

WRTN Al Super App

WRTN is an Al super app designed to replace Chat GPT in non-English speaking regions, founded in Korea and backed by Samsung it's focused on serving overlooked markets. WRTN aims to become a one-stop platform by curating diverse LLM models and Al apps from other companies and offering services for free in more diverse languages.



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WHAT DOES THIS MEAN FOR YOUR BRAND?

Inclusive design is no longer a nice to have, it's an essential ingredient for 21st-century brands. With the help of emerging technology like AI, we can now scale these solutions to more people and make a bigger impact on the world. While AI has previously been a negative contributor to inclusivity discussions we're now seeing improved use cases and applications where inclusivity is baked in and improved by AI.

Beyond the moral and legal obligation to ensure equal access, every brand can benefit from solving accessibility challenges. By designing for one very specific audience or problem, brands can then scale that solution to many, ultimately solving mass market issues. It's this ideology that gave us the iPhone touchscreen, audiobooks, and closed captions.

After all, inclusivity isn't just what a brand says. It's what they do that matters most.

WHAT IF?

What if we redesigned experiences to remove unnecessary friction for all? What if we worked with the pioneers of inclusive design to spot hidden barriers? What if we helped design experiences for an aging population?

INI SUMMARY: SIX THEMES FROM CES 2024



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