



# CES 2024

## HIGHLIGHTS & INSIGHTS FROM THE GARAGE GROUP

JANUARY 2024

## UNLOCKING THE POWER OF TECH & AI

In today's rapidly evolving landscape, understanding Artificial Intelligence isn't just an option—it's essential. AI is fueling ground-breaking innovations across industries, from CPG to financial services. Tech & AI are challenging the lines between categories, as evidenced at CES 2024.

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**While AI isn't new, the pace of advancement and level of integration is unlocking new opportunities for how consumer and business problems are solved.**

**Leveraging AI is unlocking the ability to “work behind the scenes” to make complex problems simpler, empowering consumers to “do more” without necessarily “doing more”.**



### CES 2024

“The biggest theme will be about how AI can power new invisible and immersive consumer experiences”

- Thomas Husson,  
Principal Analyst, Forrester

We've curated examples of problem-solving innovations from multiple categories, whether powered by Tech, or specifically AI, that are creating ways to “Do More” in three areas: (1) Prevent More, (2) Detect More and (3) Enable More

## PREVENT MORE



AMIRA  
nobi

LUMEN

Proclaim™

## DETECT MORE

beamo

RAH



SAMSUNG

AMORE PACIFIC

## ENABLE MORE

sevvy®

SHIFT

eureka®



Timekettle®

pawport

Where AI shows up in the solutions we feature here, we have included this symbol:



**HIGHLIGHTED  
INNOVATIONS THAT  
“PREVENT MORE”**



# CHILL BABY



## SMART ALLERGEN DETECTION

**Cammy the Mealtime Cam** provides an all-in-one solution which integrates precise food allergen detection; monitors food consumption for choking; offers a nutrition diary and nutrition coaching; and facilitates social sharing of a child's milestones.

- Leverages machine learning and AI to monitor and analyze potential harm for baby, and also cues an appropriate response
- Identifies potential safety hazards in real-time



# AMIRA

## ICING HOT FLASHES

This startup's wearable **Terra System** pairs a wristband with a liquid cooling pad placed in the wearer's bed. The wearable detects traces of sweat and leverages AI to predict hot flashes and activate the cooling pad to alleviate them.

- Claims the ability to reduce the length of hot flashes by 70% along with lessening the severity
- Includes a smart bracelet, rapid-cooling mattress pad, and integrated app





# NOBI



## DISCREET LIFE SAVING LAMP

**Nobi Ceiling** is a ceiling-mounted AI-powered version of the brand's line of smart lamps. The new launch has features - including triggered lighting - which prevent falls as well as technology which detects a fall and prompts a response.

- Detects a person getting out of bed and turns on the light to help prevent a fall
- Recognizes when a fall has occurred and asks the person if they are okay
- Notifies a contact in the case of no response



## .LUMEN



### EYES FOR THE BLIND

**.LUMEN glasses** help a wearer navigate through their environment using the same technology as self-driving vehicles. The glasses interpret the location of obstacles and directs wearers away from hazards to prevent collisions and falls. The headwear is powered by a patented haptic interface.

- Guides wearers to safe walking routes - avoiding obstacles and puddles
- Replicates the functionality of a guide dog





# PROCLAIM

## ORAL BACTERIA BLASTER

The **Custom-Jet Oral Health System** features a custom-fit mouthpiece with up to 60 jets precisely placed for the specific consumer. These jets pulse water between the teeth and below the gumline to provide a professional clean in just seven seconds. Harmful bacteria is eliminated at the body's gateway - the mouth.

- Proven to reduce the signs of gum disease in as little as 15 days
- Up to 13x more effective than flossing
- Elimination of bacteria prevents gum disease and chronic illnesses impacting the heart, brain, and gut

**HIGHLIGHTED  
INNOVATIONS THAT  
“DETECT MORE”**



# BEAMO

## 4 IN 1 DIGITAL HEALTH READER

**BeamO by Withings** is a connected palm-sized health device that combines a stethoscope, an oximeter, an ECG, and a thermometer. The device provides data related to vital signs that inform telehealth and in-person medical appointments. Users and their providers can easily access metrics via the integrated app to aid diagnosis and treatment.

- Lightly gripping the device initiates the collection of measurements which are displayed immediately on the color LED screen
- Takes the guesswork out of knowing vital health statistics



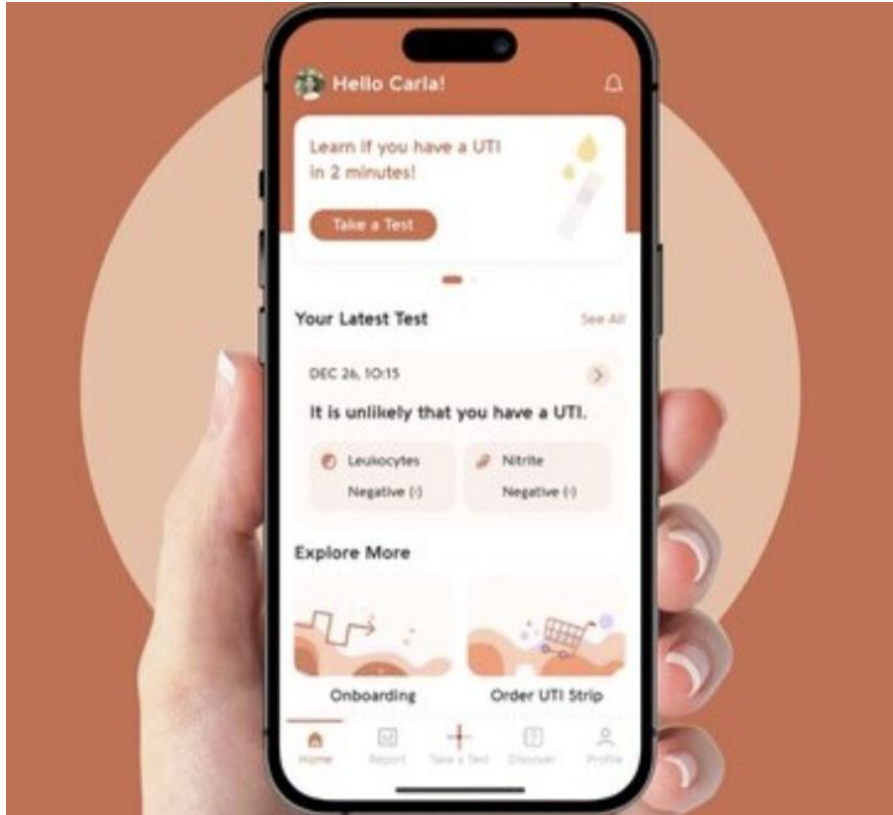
# RUAH LAB



## SMART SLEEP TOOL

The lightweight and comfortable **RUAH wearable** monitors breathing patterns to help diagnose sleep apnea. It collects respiratory signals through its sensing technology; and leverages proprietary AI algorithms to analyze respiratory information and help manage sleep wellness.

- Integrates with an app to monitor breathing status IRT



# VIVOO

## DIGITAL UTI DIAGNOSIS

This **digital at-home urinary tract infection (UTI) testing kit** provides accurate results via a two-minute test. Consumers urinate on the provided test strip and scan it to obtain results via the integrated app in seconds. Consumers with a positive results can then connect with a healthcare professional and obtain a prescription.

- Saves consumers time and eliminates confusion in readings
- Seamlessly digitizes the diagnosis with a straightforward scan



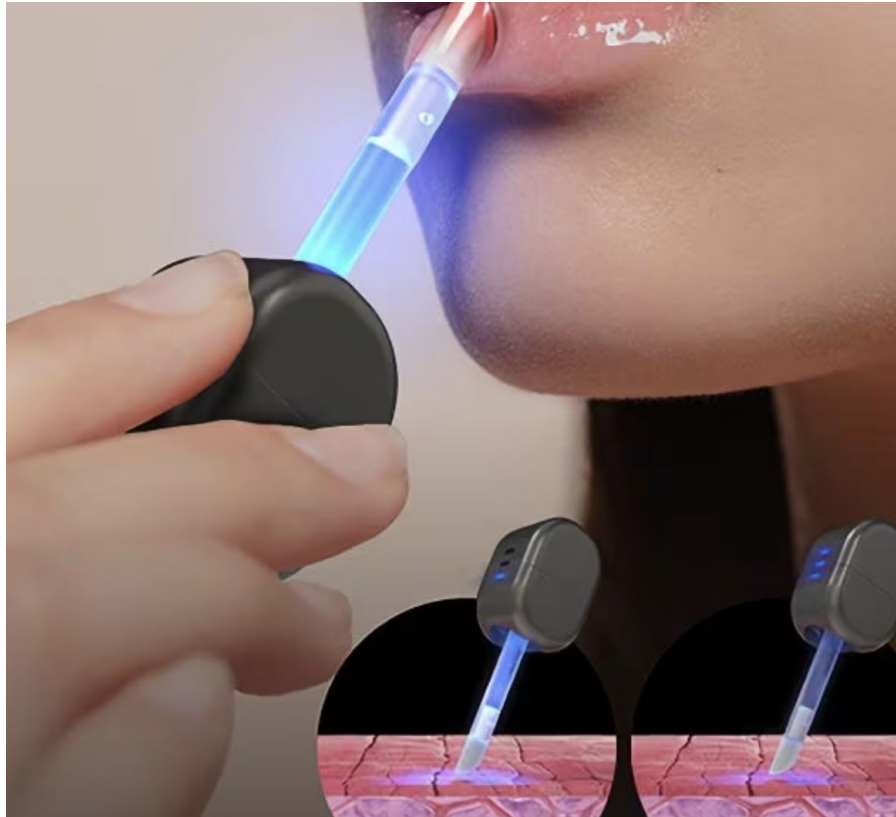
# SAMSUNG



## SMART FOOD INVENTORY

The **Bespoke 4-Door Flex fridge with AI Family Hub+** uses AI and a camera for image recognition to identify up to 33 common grocery items inside. The AI Vision Inside feature ends notifications to users when items are nearing their expiration.

- Identifies the contents and detects the freshness of the refrigerator and suggests recipes
- Prevents waste with advance expiration notifications



# AMOREPACIFIC

## DIAGNOSES AND APPLIES

The **Lipcure Beam** features an integrated sensor that diagnoses lip conditions. The all-in-one device also provides treatment via its precision sensor while applying a custom tinted hue. The brush-like applicator emits visible light that augments collagen fibers and establishes a moisturizing barrier on the lips.

- The light being emitted is personalized for the diagnosis
- Slows down the aging process of the lips
- Portable for use anywhere

**HIGHLIGHTED  
INNOVATIONS THAT  
“ENABLE MORE”**





# SEVVY

## REVOLUTIONIZING COOKING

Sevvly's **Smart Cooker** is a countertop appliance that uses 90% less energy than ovens and other cookers. This new cooking method preserves taste and reduces the need for added sugars, salt, and fats. Its technology passes electrical currents through the food so that - inside and out - food is heated to the same temperature simultaneously.

- Claims the technology retains more than 40% of nutrients
- Cooks quickly at lower temperatures



# SHIFT ROBOTICS



## COVERING MORE GROUND

**Moonwalkers X** are the latest robotic shoes from Shift Robotics. They use AI software to understand the wearer's gait and propel them further, faster - while walking naturally. The brand targets sectors where extensive walking is a requirement, such as in warehouses.

- Claims include doubling of productivity for wearers
- Lighter, faster, and smarter than the original Moonwalkers



# EUREKA



## SMART CLEANING COMBO

The Eureka **Dual Washing Bot** is a washing machine that doubles as a dryer. It also features a built-in robot vacuum and mop whose dirty water tank drains into the same pipe as the washing machine. This multitasker boasts a sleek design profile and space-saving convenience.

- Self-draining capability makes the vacuum/mop more autonomous than other robovacs
- Vacuum/mop has advanced AI dirt-detection
- Consumers can clean their clothes and floors simultaneously



# TIMEKETTLE



## ADIOS, LANGUAGE BARRIERS

The **X1 Interpreter Hub** is the world's first multi-language simultaneous interpretation system. It uses AI and machine learning to support interpretation, translation, and conversation during virtual and in-person meetings.

- Works out of the box, without having to download an app
- Currently supports up to five languages and 20 users at one time



# PAWPORT

## SMART PET FREEDOM

This smart, sleek motorized pet door cover lets dogs go outside - and back inside - when their people can not. It is programmable and works in conjunction with a bluetooth-enabled tag on a canine's collar to automatically open the door when the pet approaches.

- Slides onto existing pet doors
- Pet parents can set curfew times and establish other controls via the integrated app
- Provides peace of mind for pet parents with its monitoring capability

