



CEATEC 2025 Highlight Exhibition Guidebook

CEATEC 2025 注目展示ガイドブック



主催 **JEITA**
一般社団法人電子情報技術産業協会

〔運営〕

CEATEC 運営事務局 (一般社団法人日本エレクトロニクスショー協会)

共催 **CIAJ** 一般社団法人情報通信ネットワーク産業協会
Software Association of Japan 一般社団法人ソフトウェア協会

CEATEC 2025に出展の企業および団体のご協力を仰ぎ、各企業、団体の技術・製品・サービスを掲載しております。

CEATEC 2025ご視察時のガイドブックとして活用いただけることを期待しております。

本冊子について

What is CEATEC 2025 Highlight Exhibition Guidebook ?

This booklet features the technologies, products, and services of companies and organizations exhibiting at CEATEC 2025.

We hope this guidebook will be useful during your visit to CEATEC 2025.

※本冊子に掲載されている案件は、CEATEC AWARD 2025に応募があった案件のうち、掲載許諾のあったもののみとなります

CEATEC 2025 AREA MAP



General Exhibits

General Exhibits

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AX Park

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NEXT GENERATION PARK

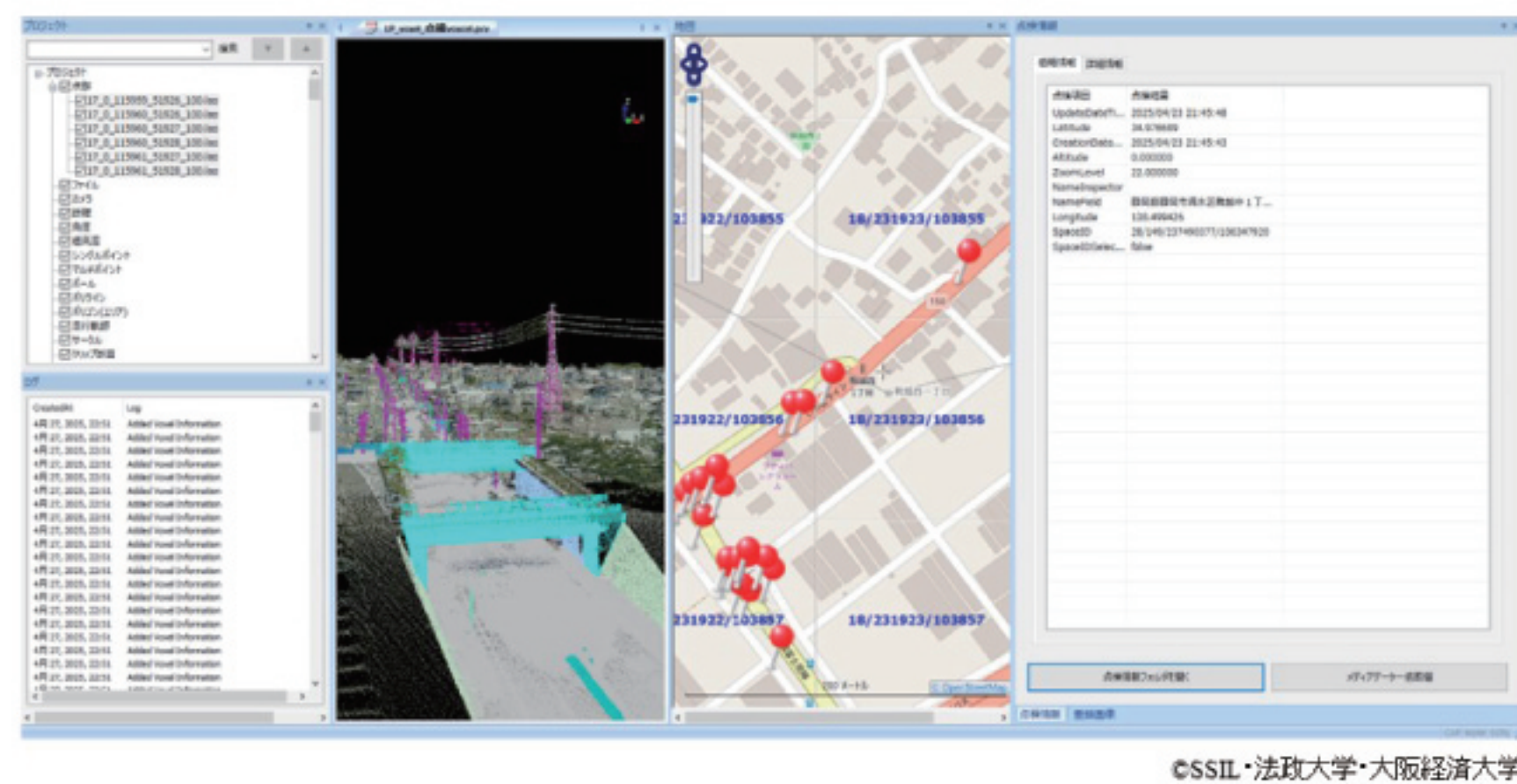
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De-analogizing 3D Spatial Information Specialists Open Up the Future of Digital Society

We will showcase various teaching materials used in the special lecture and system demos of the 4D spatiotemporal information platform. Visitors can experience registering information from point cloud data onto the digital twin using a viewer and operating the system via tablet. As a digital twin use case demonstration, we will provide a detailed explanation of the practical workflow for registering inspection records onto the digital twin. This will be illustrated through a demo of a field survey app utilizing tablets for inspection tasks.



cssil・法政大学・大阪経済大学

The corporate AI PC VersaPro UltraLite Type VY achieving the world's longest battery life among notebook PCs weighing under 1kg

The VersaPro Type VY is the world's longest-lasting※ battery-powered AI notebook PC for business. Its lightweight, rugged design, combined with AI-powered smart charging and a Copilot key, provides powerful support for mobile work and hybrid operations. Its environmentally conscious design also contributes to realizing a sustainable society.

※World's longest battery life among business notebook PCs running Windows 11 and weighing under 1kg.Measured using JEITA Battery Life Measurement Method Ver.3.0 with the Large Battery installed.As of July 2025, based on our research.



Marketing Strategy Solution Powered by NEC's Proprietary AI and Purchase Data

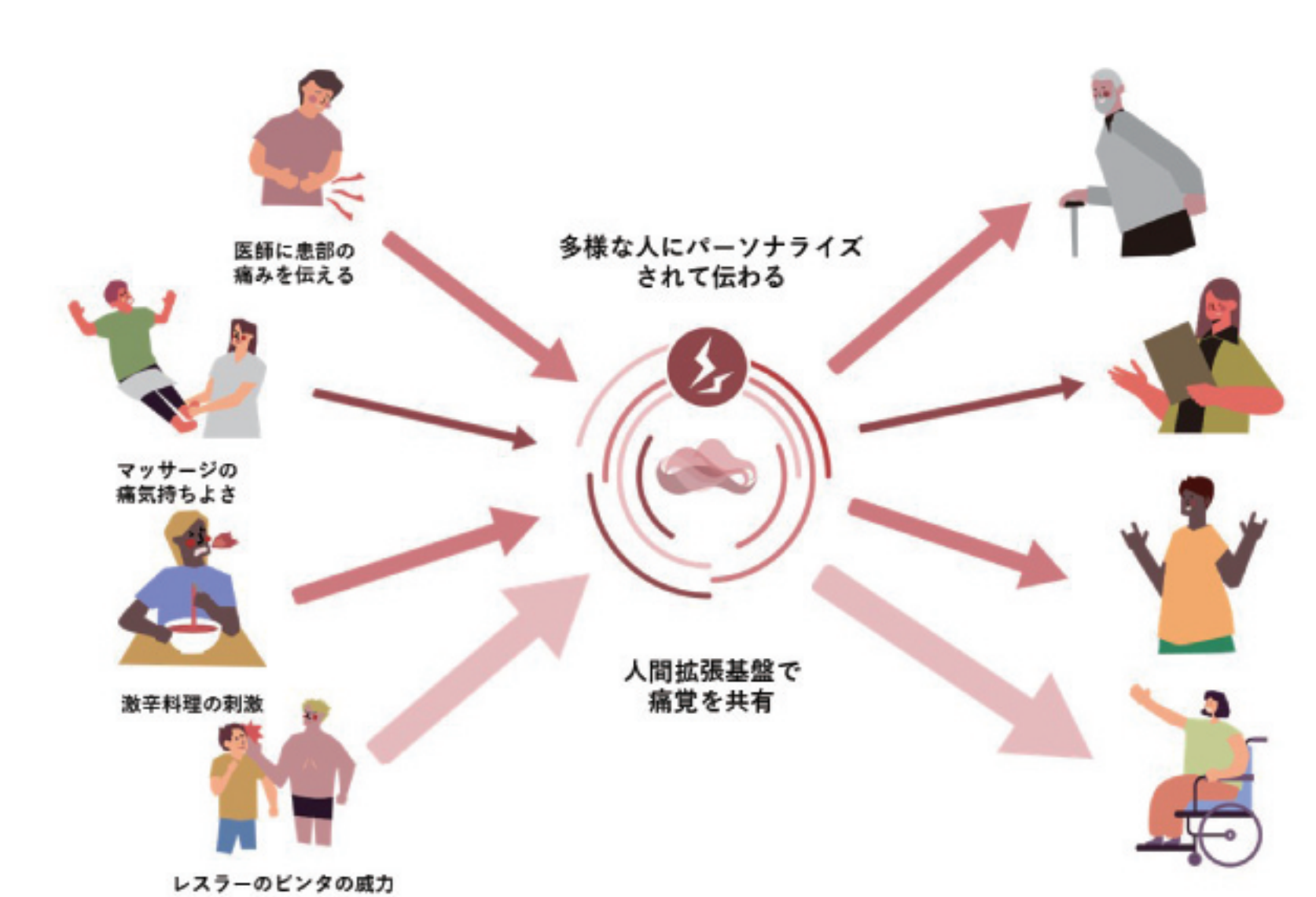
Best Move is a "marketing strategy planning solution" that provides marketers with a revolutionary policy planning process. It combines NEC's proprietary AI technology (10 types) and purchase trend analysis data (proprietary logic) to extract and analyze "customer groups interested in specific products" and propose the best move (policy plan). It strongly promotes knowledge sharing by sharing a series of policy planning processes, including catchphrases, product names, and advertisement images, within the team.



A Platform for Deepening Mutual Understanding Through the Pain Sharing



This world-first technology enables the sharing of "pain," one of the most difficult sensations to verbalize. Communicating physical and psychological pain has long been a challenge, often relying on subjective assumptions, which made objective understanding difficult. With this technology, people can experience and understand another person's pain as if it were their own. It contributes to improving the quality of communication in medical settings and supports solutions to abusive behavior from customers to staff and defamation on social media.



General Exhibits

NTT DOCOMO, INC.

Hall

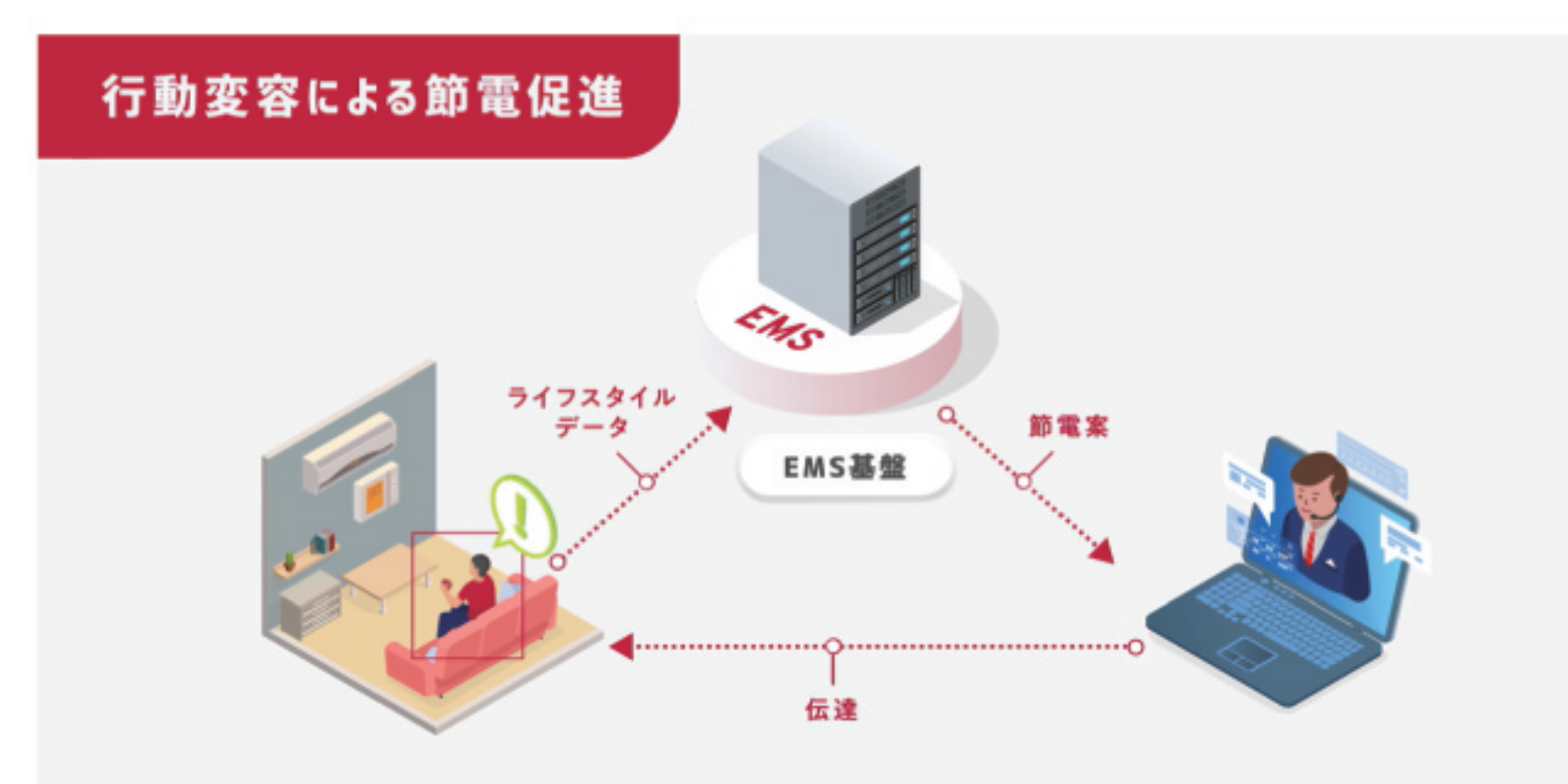
1

Booth No.

1H007

Interactive agent promoting energy saving within households

NTT DOCOMO provides the electricity retail service “docomo denki” and is working toward decarbonization by suppressing tight electricity supply and demand and reducing power consumption through its “Eco-Toku Program” service. Against this backdrop, we have developed an interactive agent that provides personalized energy-saving advice based on household electricity consumption data and user information. This technology enables more effective energy-saving behavior change, going beyond conventional, one-size-fits-all energy conservation awareness campaigns.



General Exhibits

KODENSHI CORP.

Hall

3

Booth No.

3H011

SUWA Christie MYSAON

Unlike typical metal-heater eye masks, this product uses a fabric heater. Conventional metal heaters have uneven temperatures, but the fabric heater literally generates heat from each individual fiber within the fabric itself. This design reduces temperature variations caused by surface heating, providing a gentle, enveloping warmth around the eyes. While metal heaters emit only trace amounts of far-infrared rays, fabric heaters generate significant far-infrared rays, effectively warming the eye area from deep within. Since the eyes are vital to your well-being, this product does more than just provide warmth. By leveraging the benefits of far-infrared rays, it delivers unprecedented, true relaxation.



General Exhibits

Coolish Music Inc.

Hall

3

Booth No.

3H603

VTag: Sales & Support DX on One Tag

VTag is a unique platform that revolutionizes sales and support by leveraging NFC technology and URL leakage prevention (patent pending). In sales, it enables real-time updates and visualization of viewing history—features impossible with paper catalogs or PDFs—delivering the latest materials even after distribution. In support, it functions as a “smart manual”—simply attaching NFC to products enables instant access to operation videos and more. While distributing URLs containing information companies didn’t want competitors to know was difficult before, the URL leakage prevention feature prevents the leakage of confidential technical information and manuals outside the company.



General Exhibits

National Institute of Information and Communications Technology

Hall

1

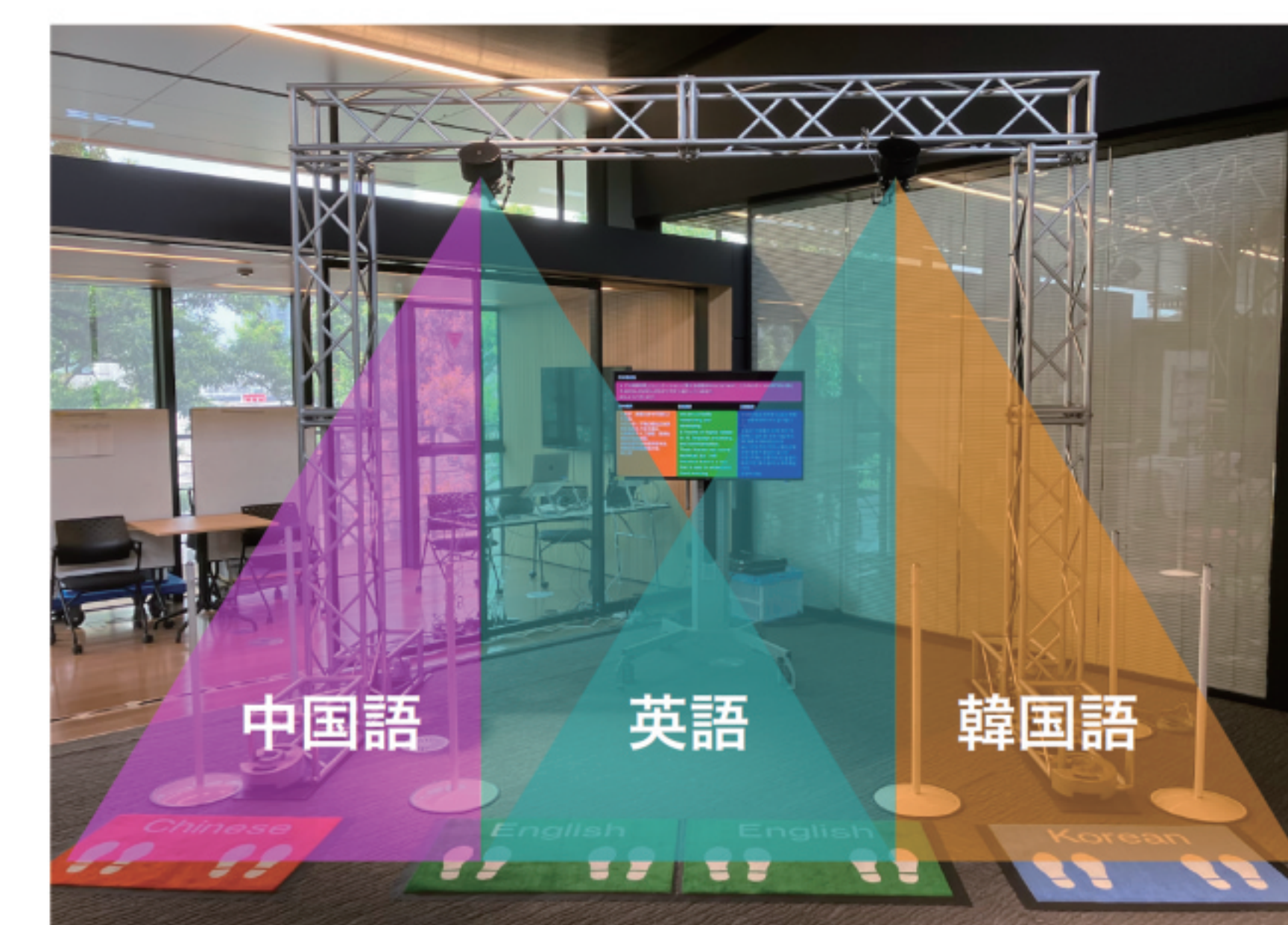
Booth No.

1H009

Multilingual Simultaneous Translation and Multiple sound spot synthesis



Our solution combines AI-powered multilingual simultaneous interpretation with multiple sound spot technology. By segmenting speech recognition results into shorter units (chunks) for real-time translation, the system delivers fast and accurate interpretation of continuous speech. In parallel, through coordinated multiple speakers, it provides synthesized audio for each language directly to its designated area, while also displaying the translated text on screen.



WarpDrive (Web-based Attack Response with Practical and Deployable Research Initiative)

WarpDrive aims to grasp the actual state of web-mediated cyberattacks and deploy countermeasures. It is freely distributing the software "Tachikoma Security Agent," a collaboration with "Ghost in the Shell: SAC_2045," to build a user-participatory cyberattack observation network through security features and learning games. The collected data is utilized for strengthening security functions and for the R&D of domestic security technologies by industry-academia-government project participating organizations.



A New, More Human-Friendly Way of Online Communication Created by CRI TeleXus

This middleware extends and enhances online communication with various functions, including high-performance voice chat. It is equipped with diverse features that improve the quality of work and services, such as immersion through spatial audio, accessibility support via mutual conversion between text and voice, and real-time translation using AI interpretation (under development). It seamlessly links with smartphones, PCs, and in-vehicle devices, achieving both realism and comfort. It smooths internal and external corporate communication and creates a "comfortable" atmosphere where emotion and excitement can be conveyed.



"Innovation in Capturing Invisible Quality Changes"-Building Technical Support That Creates New Value by Connecting Quality and Trust Through Data-

As a world-leading specialist manufacturer of air leak testers, we pour our ingenuity and sweat into delivering the value of "quality." We aim to be a leading company supporting global industries with trusted technology and building a sustainable future. Our IoT-enabled remote support system for air leak testing serves as a new solution, connecting customers' production sites and partners through data.



High-Precision 3-Axis Detection Type "Magnetic Sensor Switch"

An innovative pressure sensing device integrating a magnetic sensor and tactile spring. By adopting a unique spring-driven mechanism, it achieves extremely low hysteresis during pressurization and depressurization, enabling high-precision analog sensing. The compact SMD package with integrated IC (reflow solderable) also supports digital signal output (I2C). It contributes to the digitalization and IoT integration of industrial equipment while pursuing new customer value creation through 3-axis detection.



General Exhibits

Sharp Corporation

Hall

3

Booth No.

3H223

User Terminal prototypes for LEO satellite with electronically steered phased array antenna



Showcasing a prototype satellite communication user terminal for Low Earth Orbit (LEO), equipped with electronically controlled phased array antennas. Powered by Sharp's cutting-edge smartphone technologies in communication and compact engineering, Sharp has achieved a compact and lightweight design for this device. This device is designed for use across multiple verticals, including maritime vessels, construction machinery, agricultural equipment, automobiles, drones, and more



General Exhibits

Sharp Corporation

Hall

3

Booth No.

3H223

Conversational AI character Poketomo

"Poketomo" is a pocket-sized friend, a conversational AI character that always stays by the customer's side and serves as a conversation partner. "Poketomo" realizes personalized voice conversations that are attentive to each individual through SHARP's proprietary AI technology, CE-LLM. It reliably remembers conversations exchanged, places visited, and sights or objects seen. As conversations and time spent together accumulate, it understands the customer and grows into a supportive partner.



General Exhibits

Sharp Corporation

Hall

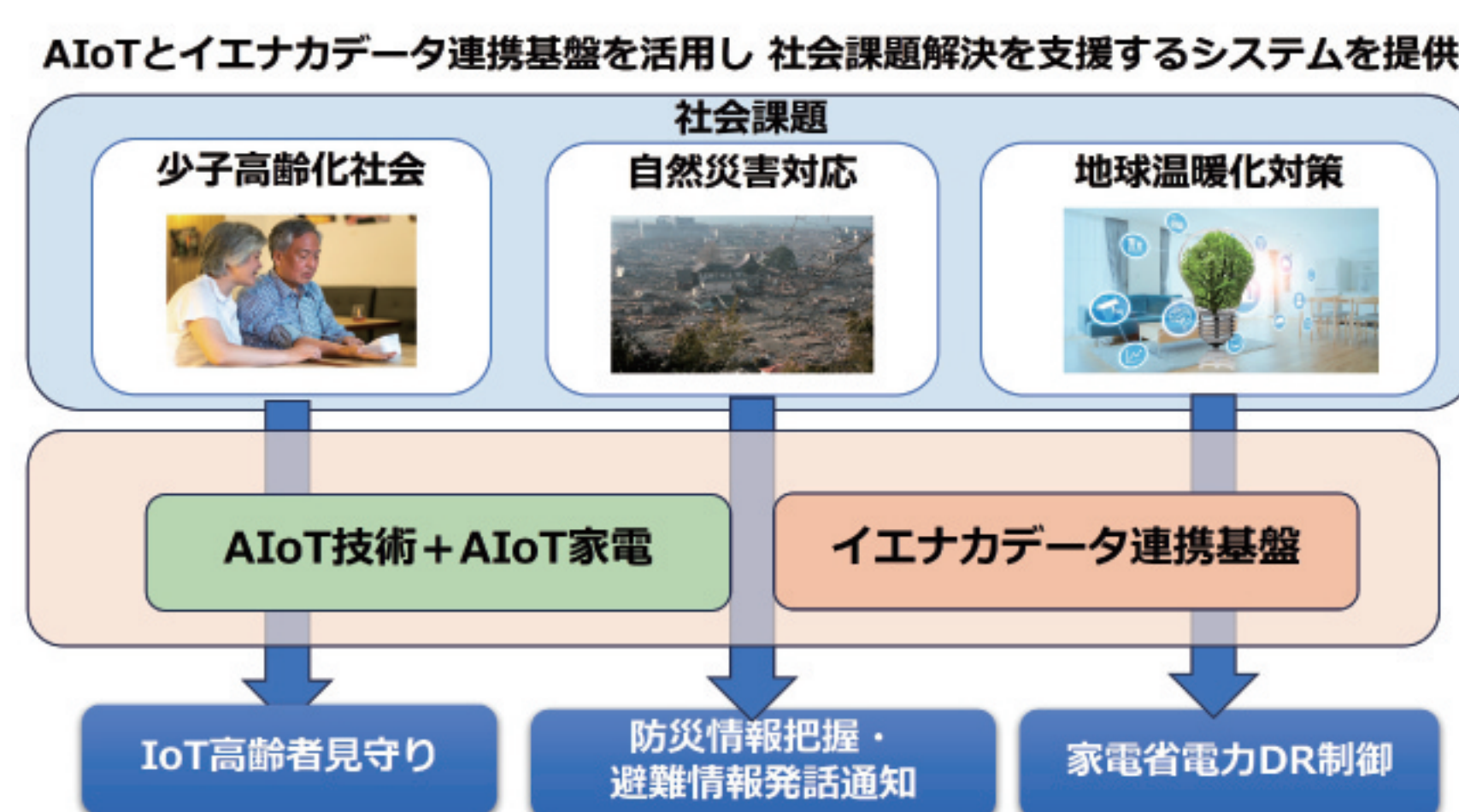
3

Booth No.

3H223

Social issues solutions leveraging AIoT and home data collaboration platform

Today, responses to social issues such as "declining birthrate and aging population," "disaster resilience," and "global warming" are required. SHARP provides a mechanism for solving social issues such as "elderly monitoring," "disaster resilience," and "home appliance power saving control" using IoT home appliance information, by utilizing its unique "AIoT Service System" and the "Home Data Collaboration Platform" which connects multi-vendor IoT devices, elevates the acquired data, and enables connection with various services.



General Exhibits

Japan Display Inc.

Hall

2

Booth No.

2H202

Sensor Technology That Transforms Various Materials into Touch Panels and Switches / ZINNSIA



ZINNSIA is an innovative high-sensitivity sensor interface that transforms a broad range of materials - such as wood, stone, fabric, and gypsum board - into sensors and touch controls. For example, simply installing it on the underside of a floor enables intuitive operations - like turning on lights just by stepping on the floor. The sensor comes in a sheet form and can be easily applied to the back of materials, allowing for flexible installation tailored to various shapes and applications. By preserving the texture and beauty of the materials, ZINNSIA enhances spatial design freedom and delivers a completely new interactive experience.



General Exhibits

Zero Co., Ltd.

Hall	Booth No.
3	3H508

Robotic Underfloor Storage "ENNOSHITA"

A residential system featuring expanded underfloor storage with warehouse functionality and autonomous robots. Deliveries are stored under the floor via an exterior wall drop-off point, preventing issues like theft or rain damage associated with doorstep deliveries. Residents can safely retrieve packages when needed via a dedicated elevator connecting the underfloor space to the interior. Designed as an integral part of the home, it has minimal capacity constraints and can flexibly handle multiple packages or large deliveries. Furthermore, it possesses the scalability to evolve into a next-generation logistics infrastructure itself by integrating with automated delivery robots and drone delivery in the future.



General Exhibits

Nissho Electric Control Co., Ltd.

Hall	Booth No.
2	2H419

Chromateach – A New Technology for Region Recognition Using Colors

Chromateach is a completely new system that automatically recognizes work areas using only "color," eliminating the need for mouse operations or coordinate input. Colors printed on ordinary paper can become switches, and in decentralized control of manufacturing lines, the stop area can be designated by color on-site without constant camera monitoring. Since the camera identifies the color and rapidly calculates the coordinates, implementation is simple and computer load is light. No specialized skills are required, allowing for immediate application in various fields.



General Exhibits

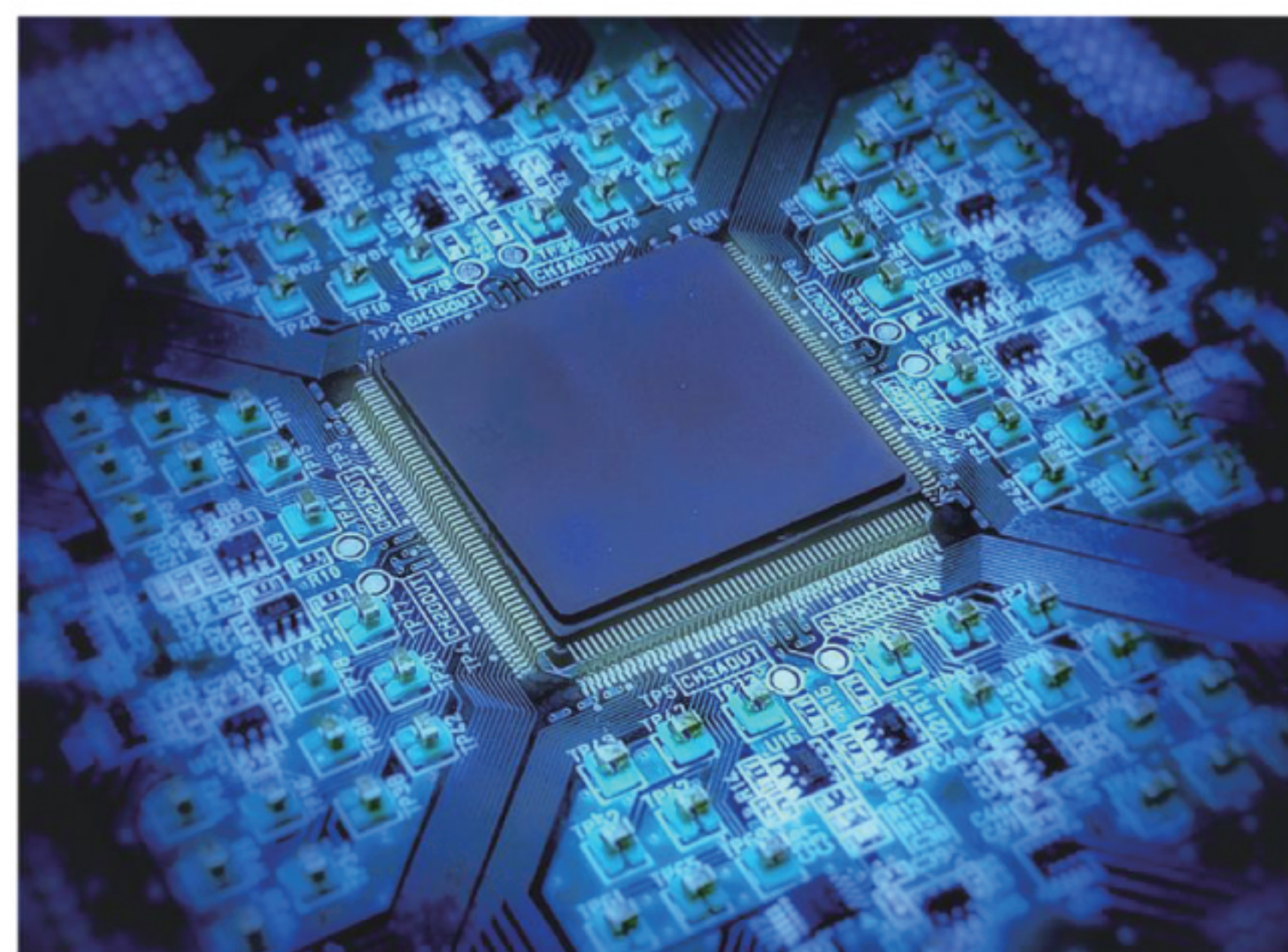
TDK Corporation

Hall	Booth No.
6	6H180

A sensor system with real-time learning using an analog reservoir AI chip for edge computing



TDK's cutting-edge Analog Reservoir AI for edge applications excels in time-series data processing. When combined with TDK's advanced accelerometers, this innovative technology enables highly accurate, real-time recognition and learning of finger movements. Unlike conventional pre-trained AI, our solution learns instantly on-site, adapting seamlessly to users and environments. The newly developed reservoir AI chip, powered by analog circuits, achieves world-class performance and ultra-low power consumption. This exhibit showcases a next-generation human interface sensor system that addresses the challenges of edge AI.



General Exhibits

NAUTILUS Technologies, Inc.

Hall	Booth No.
4	4H220

A demonstration of ultra-low latency AI leveraging real-time telemetry from race cars in motion during Super Formula events

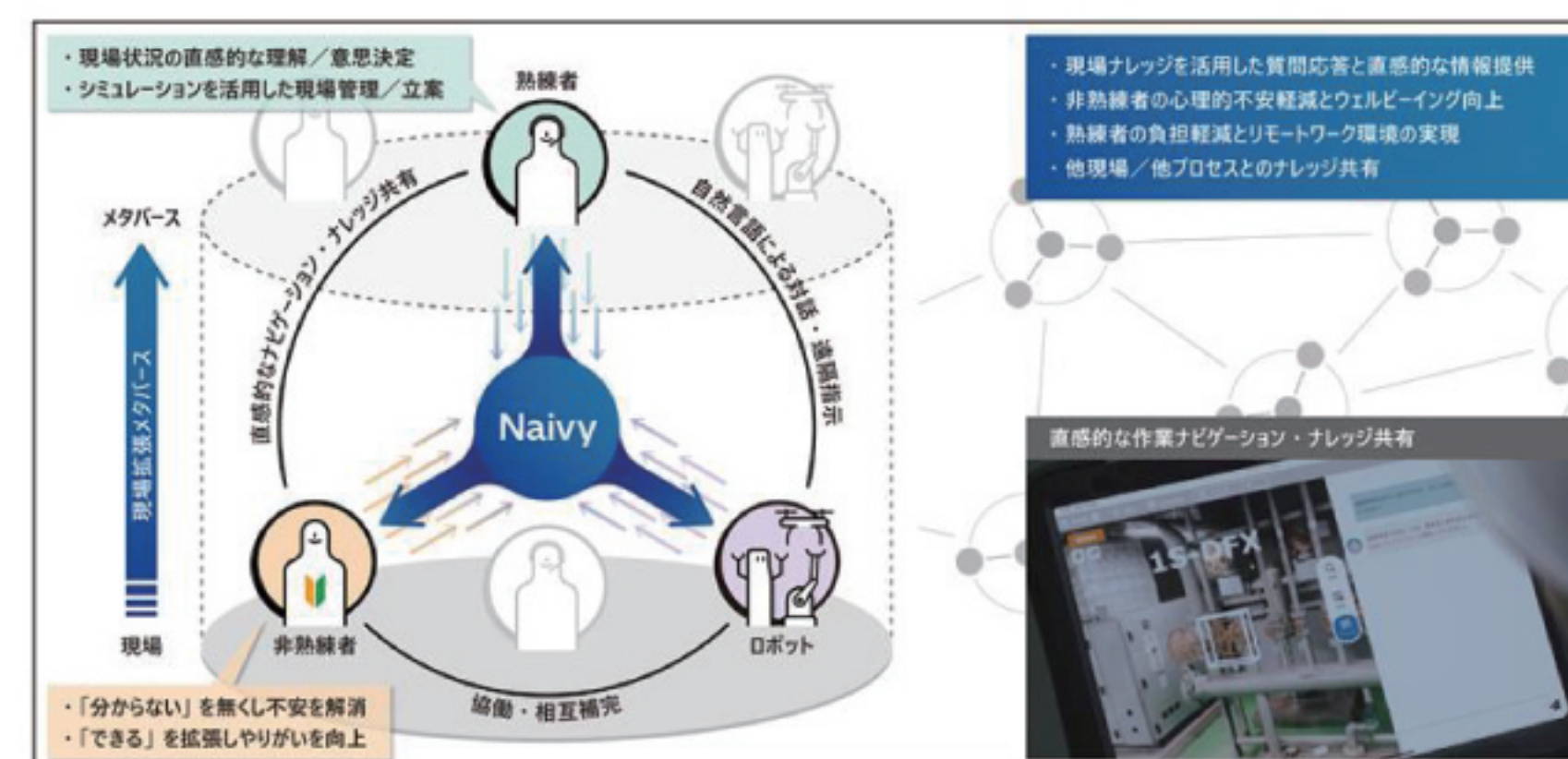
At the Super Formula Rd8-9 race held at Suzuka Circuit (Organizer: Japan Race Promotion), telemetry data from M-TEC telemetry systems installed in all 21 running formula cars was collected and analyzed (using AI) on the next-generation high-speed RDB "Tsurugi" running on the computing infrastructure provided by Sakura Internet. At our booth, we are displaying a Formula car and demonstrating real-time wear prediction AI for Formula tires. We invite you to visit our booth.



Next-generation AI agent "Frontline Coordinator - Naivy"

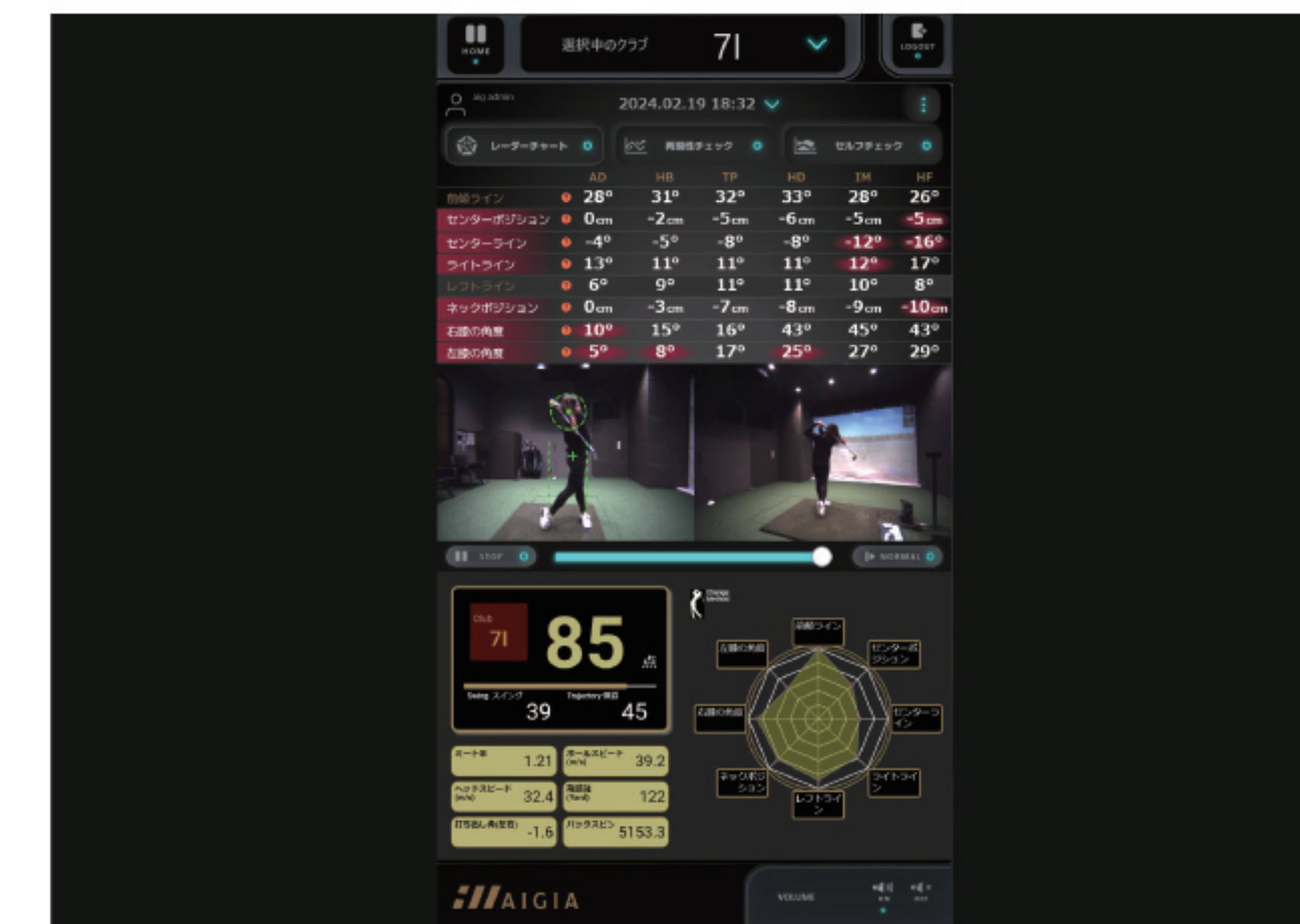


As labor shortages—especially of skilled workers—become increasingly serious across society, there is a growing demand for efficient and flexible work styles suited to an era in which humans and robots coexist, leveraging technologies such as AI. Hitachi has developed an AI agent called "Naivy" to support decision-making in on-site operations such as manufacturing, inspection, and maintenance. This initiative aims to apply AI in the "physical domain" in a full-fledged manner. Naivy analyzes real-time events occurring on-site using AI, identifies the equipment that requires attention based on domain knowledge accumulated in a proprietary metaverse space, and provides intuitive and easy-to-understand navigation for appropriate work procedures according to the situation.



Human Motion Analytics (HMA) and AI Agent Enhance Human Capabilities

Leveraging the "Human Motion Analytics" (HMA) data analysis platform, which digitizes human movement using skeletal recognition AI technology, we achieve high-precision 3D analysis even for complex, high-speed human motion. By combining this HMA with an "AI Agent," we realize advanced, sophisticated analysis supported by AI. We introduce the potential for "next-level capability enhancement" through the fusion of sports and technology.



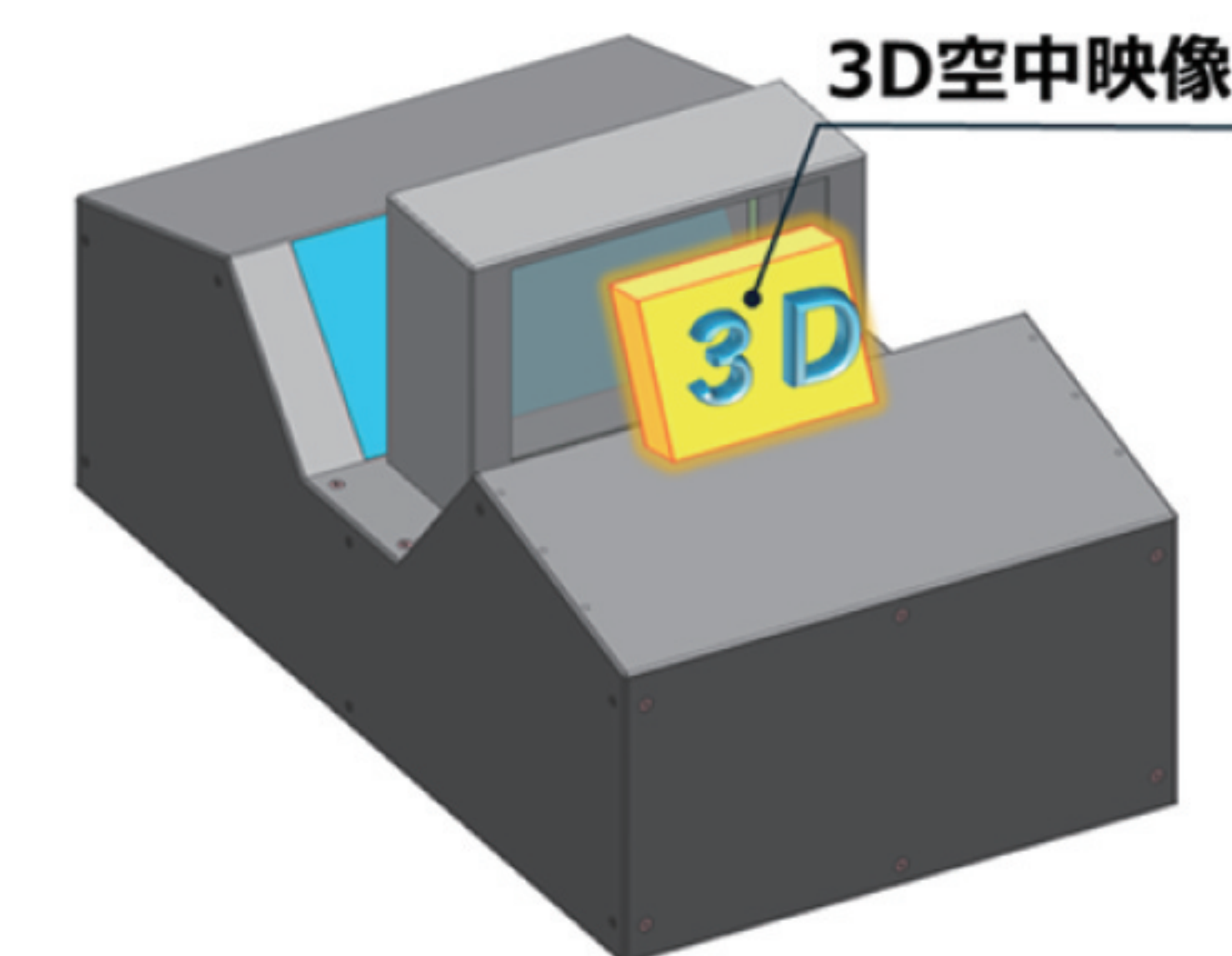
Next-Generation Fashion E-Commerce Platform "Fashion Total Solution (FTS)"

A fashion EC platform that, for the first time globally, integrates 3D human body data acquisition technology, an AI personal stylist, and real-time virtual try-on functionality, solving industry challenges such as size mismatch and difficulty in product selection during online purchases. Users can receive optimal styling suggestions and virtually try on clothes at ultra-high speed based on their accurate 3D body data. It provides an unprecedented personalized purchasing experience.



CielVision: Embedding a New Vision into Reality

This is an innovative technology that can display high-luminance, high-definition images in the air and also achieve 3D display in the air using proprietary digital optics technology. Viewers can experience realistic 2D/3D aerial images with the naked eye, and by linking with IoT, AI, and robot technology, it contributes to the cross-industrial promotion of DX. Through wide-ranging applications in traffic, mobility, home appliances, medicine, and entertainment, it transforms people's lives into something intuitive, safe, and rich.



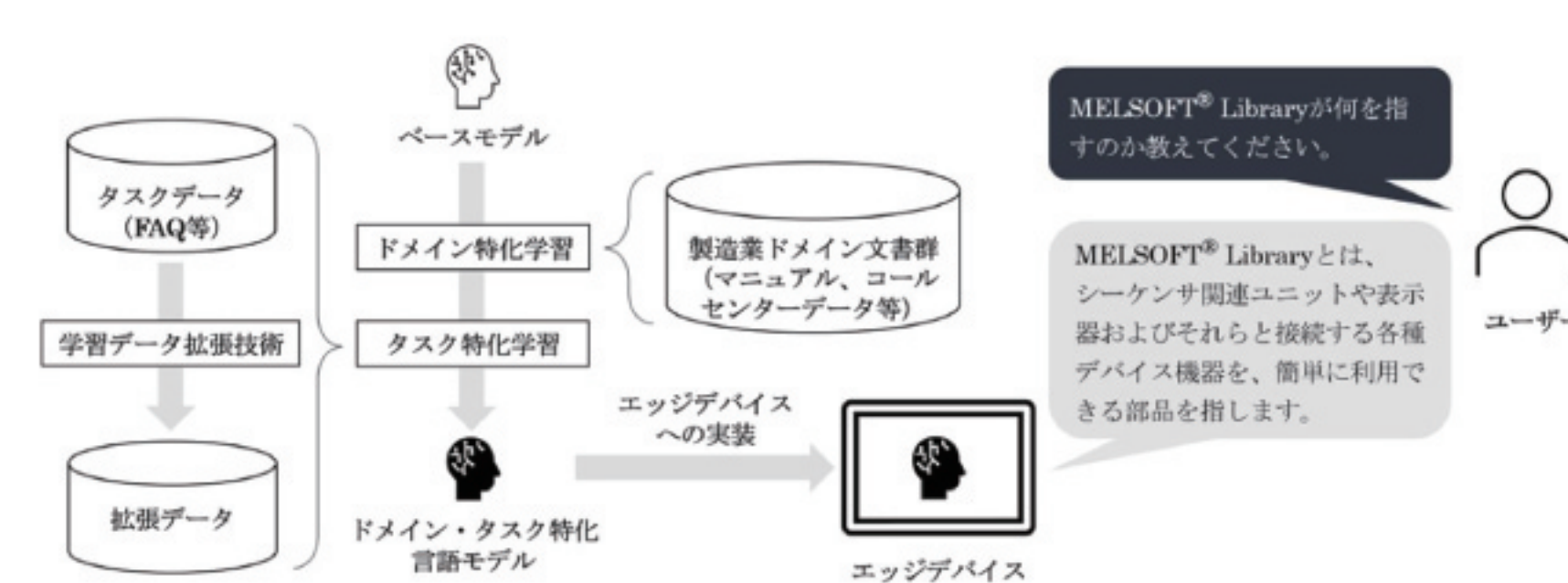
Workspaces that Understand Us

This is an office space solution that creates an optimal environment for each individual by having AI collaborate with air conditioning systems, lighting, and AI robots. Mitsubishi Electric's proprietary non-contact sensor measures pulse wave data and analyzes changes in brain activity to estimate an individual's emotion and concentration level. Subsequently, the AI coordinates with each system and device to prepare an indoor environment tailored to the individual's state—such as enhancing concentration or promoting relaxation—thereby providing further support for increased productivity.



Manufacturing-Specialized Language Model for Edge Devices

We have developed a language model specialized for the manufacturing domain that can be deployed on edge devices. This language model has undergone specialized pre-training using data related to our business operations, enabling its application to various use cases in manufacturing, including question-answering. Furthermore, its compact size contributes to the operation of generative AI in environments with limited computational resources, such as edge devices, and in on-premises environments like call centers handling customer information.



A Mask-Attached Device for Achieving Reliable Voice Input in the AI Era



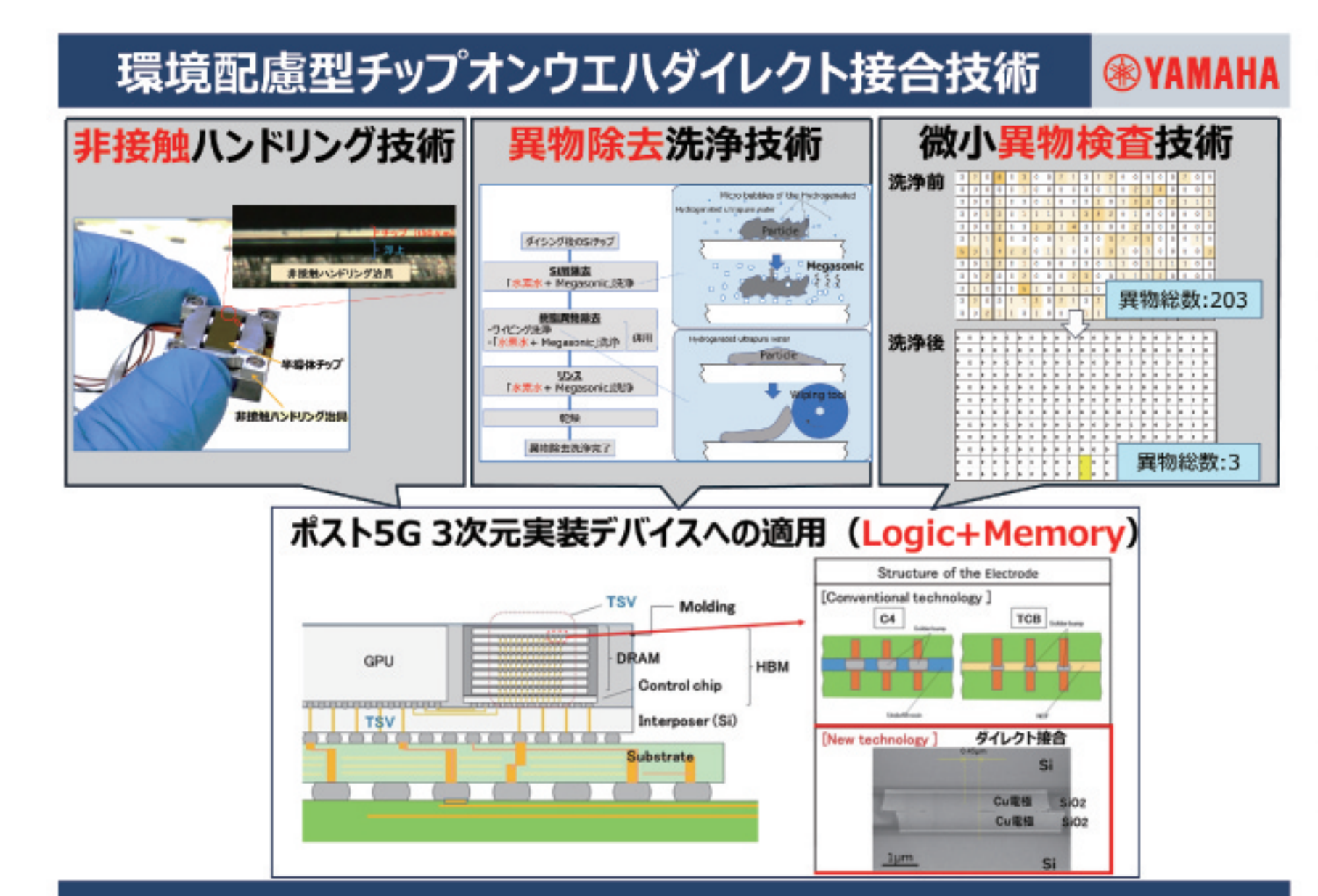
A clip-on voice input device engineered for the AI era, delivering highly reliable speech capture. By directly detecting subtle vibrations on the mask surface using a piezoelectric film sensor, it structurally avoids capturing air vibrations, enabling precise extraction of only the speaker's voice—even in noisy environments. Its hygienic and detachable design allows for easy implementation. The device operates stably without relying on cloud connectivity, making it suitable for offline use in diverse settings such as healthcare, manufacturing, and maintenance inspections. As voice interfaces continue to evolve, this technology is expected to accelerate AI-driven applications across a wide range of industries.



The development of chip-on-wafer direct bonding technology that is environmentally friendly.



YRC (Yamaha Robotics Co., Ltd.) developed "Chip-on-wafer direct bonding 3D stack technology for Post-5G system". We report on the development status of (1) Particle removal and cleaning technology, (2) Semiconductor chip non-contact handling technology and (3) Particle inspection technology among the elemental technologies necessary for this realization.



General Exhibits

LegalOn Technologies, Inc.

Hall

3

Booth No.

3H407

LegalOn: World Leading Legal AI

LegalOn: World Leading Legal AI is a legal-specific platform equipped with AI agents. It completes all legal tasks—including contract intake, review, execution, and management—on a single platform. The LegalOn Assistant, LegalOn's specialized legal AI agent, acts as your legal partner, understanding your words and intelligently supporting tasks like research and document drafting. Guided by the LegalOn Assistant, LegalOn Agents autonomously execute tasks, paving the way for the future of legal work.

LegalOn

World Leading Legal AI

General Exhibits

Rinnai Corporation

Hall

1

Booth No.

1H318

HYDROGEN GRILLER / Hydrogen Cooking Device

Aiming to make hydrogen a familiar energy source safely used in various aspects of daily life, we have developed the world's first safest and most efficient combustion method for hydrogen cooking that emits no CO2 during cooking, while also confirming the effects hydrogen cooking has on ingredients. Rinnai will continue exploring the potential of hydrogen cooking to expand hydrogen applications and create "new culinary experiences" powered by hydrogen.



General Exhibits

Rinnai Corporation

Hall

1

Booth No.

1H318

Heart rate sensing for bathing



To achieve a sustainable healthy and enriched living, we will start by sensing heart rate during daily bathing activities to predict physical and mental states, provide feedback on effects of bathing, and propose personalized bathing methods, relaxation, and lifestyle habits. We created the electrocardiogram measurement module for bathing.



General Exhibits

RainScales Japan K.K.

Hall

3

Booth No.

3H306

eMagicEyes

eMagicEyes is a platform that innovates on-site safety and operation management using AI image analysis. It can be implemented simply by connecting to existing CCTV, enabling real-time detection and alerting of safety violations and operational risks, thereby preventing accidents. In industrial sites facing labor shortages and aging populations, it reduces the burden on specialized personnel and achieves efficient and sustainable safety management. Furthermore, its centralized incident reporting function visualizes risk trends at each site, supporting strategic countermeasure planning. As it is ISO27001 and P-mark certified, privacy and security are complete, ensuring safe use.



eMagicEyes

Cross-industry Co-Creation Transforming Beauty & Healthcare -Future Innovation Driven by RNA from KAO, istyle, and KIRIN-



In the beauty and healthcare markets, a wide range of product offerings continues to drive market growth. However, from the consumer's perspective, the overwhelming abundance of products and information makes it increasingly difficult to identify what truly provides value for them. We provide a cross-industry framework that enables personalized product selection and delivery. Through our newly developed classification technology based on gene expression information ("Skin Gene Mode" analysis) and co-creation with Japan's largest beauty platform as well as leading beauty and healthcare manufacturers, we are driving societal transformation.



Enjoy with peace of mind and lasting satisfaction with the EDION Smart App IoT Platform

By adopting the ECHONET Lite Web API, IoT home appliances from different manufacturers can be centrally managed with a single app. It supports monitoring of home appliance usage data via cloud linkage, personalized suggestions, and even repair support in case of malfunction. With no additional devices required, the barrier to entry is low, and anyone can create a smart home with an intuitive UI. The company plans to expand support for social issues such as monitoring functions and propose new B2C-originated IoT solutions.



Aqara Presence Multi-Sensor FP300

The Aqara Presence Multi-Sensor FP300 is a next-generation presence sensor that combines a 60GHz millimeter-wave radar used in the automotive sector with a PIR sensor, reliably detecting even stationary people. Battery-powered with no wiring required, it can be freely installed regardless of location. Furthermore, it incorporates temperature, humidity, and illuminance sensors, allowing a single unit to acquire diverse environmental data. Compatibility with Matter over Thread enables seamless integration with major ecosystems like Apple Home and Google Home, simultaneously achieving comfort, energy saving, and security.



SOMPO's Challenge for Next Generation Mobility

SOMPO Group Announces Next-Generation Mobility Solution "SOMPO MobineX" Leveraging the combined strengths of SOMPO Group and beyond, we will collaborate with diverse stakeholders to advance the development and adoption of next-generation mobility. We challenge ourselves to realize a society where everyone can move freely, solving mobility challenges and creating a safe, secure, and bright future. At the booth, we will introduce SOMPO solutions for municipalities and corporations in the areas of autonomous driving, ride sharing, vehicle management, EVs, and data utilization. We will showcase the latest case studies from municipalities and corporations as advanced examples.



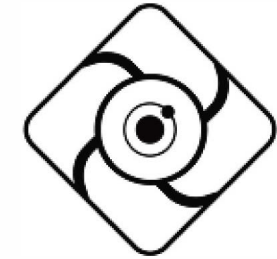
FACIL'iti: A Solution for Web Inclusion

FACIL'iti is a web inclusion solution that allows users to select the web display that suits their needs. It addresses diverse needs such as presbyopia, cataracts, color vision deficiency, dyslexia, and hand tremors, and has already been adopted by over 1,000 sites worldwide, with over 7 million users. It features high-quality adjustments without display corruption, simultaneously achieving corporate DX promotion and diversity initiatives.



Code Metal – Generate Verified, Hardware-Ready Code with Provable AI

Code Metal transforms development in automotive, electronics, semiconductor and industrial by translating code across environments and optimizing for hardware. We combine state-of-the-art AI with formal methods to deliver fast, trustworthy results.



C O D E M E T A L

More IoT for good sleep

"Sleep Better" is a service that utilizes PHR data—personal health and medical information—to provide a personalized, optimal sleep environment. Using a smart home app, it controls home appliances throughout the entire sleep cycle—from pre-bath to bedtime, during sleep, and upon waking—based on the user's daily physical condition and activity level. It also features recommendation functions that notify users of suggested bath temperatures and bedtime timing, supporting their health improvement.



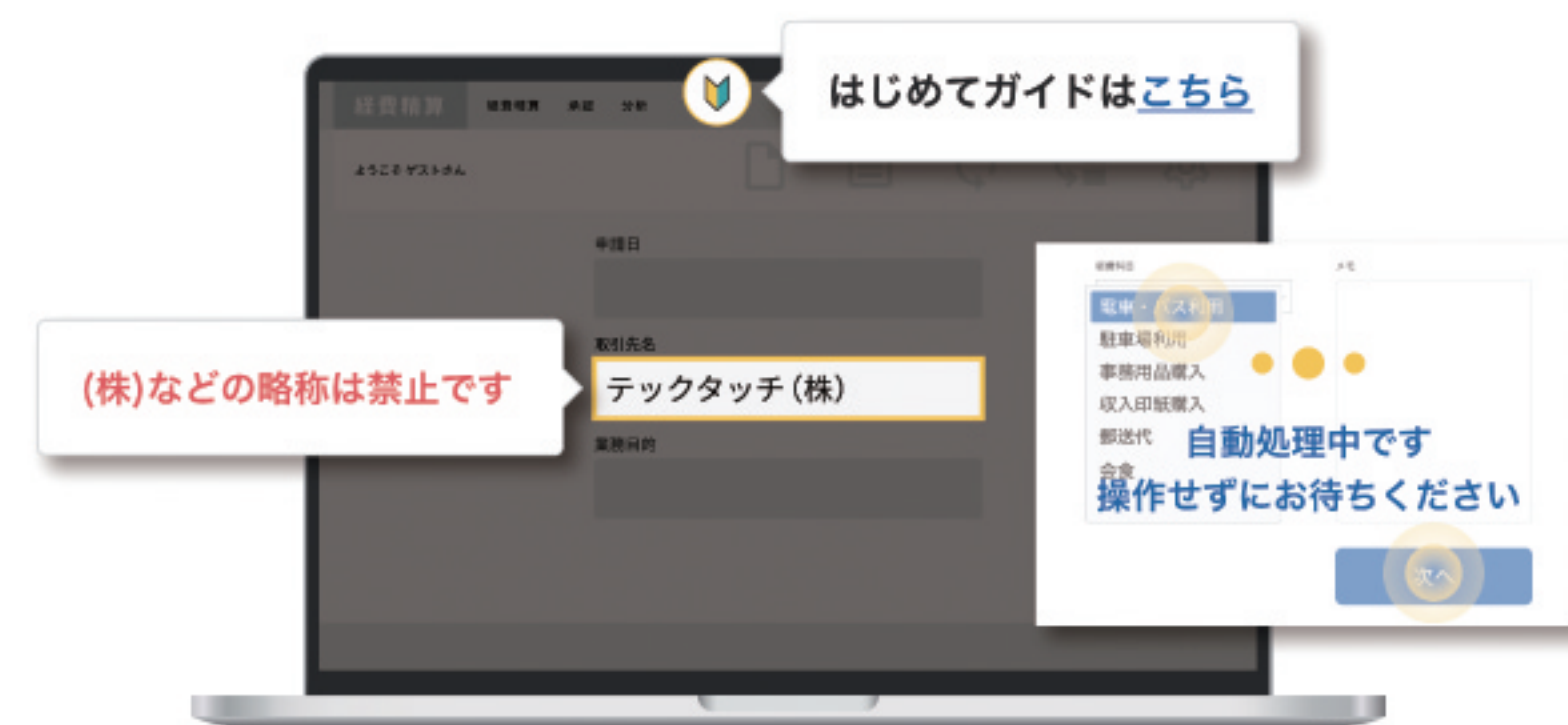
Tigris Systems

Tigris Systems: AI logistics platform unifying fragmented supply chains into smart ecosystems with real-time data, IoT tracking & predictive analytics



Toward a world where everyone can master the system -Tech Touch solves IT issues for government agencies and residents-

TechTouch is an innovative solution that enables the retrofitting of no-code operation guides without modifying existing systems. As Japan's only DAP (Digital Accessibility Platform) compatible with the LGWAN environment, it enhances the convenience of administrative systems while maintaining security, and has been adopted by numerous municipalities. In Kawasaki City, it reduced the error rate in school lunch application forms by 81%. In Iwata City, it achieved annual operational efficiencies equivalent to 120,000 tasks. Aligned with the Digital Agency's vision of "digitalization that leaves no one behind and is people-friendly," this groundbreaking technology contributes to bridging the digital divide and accelerating administrative DX.



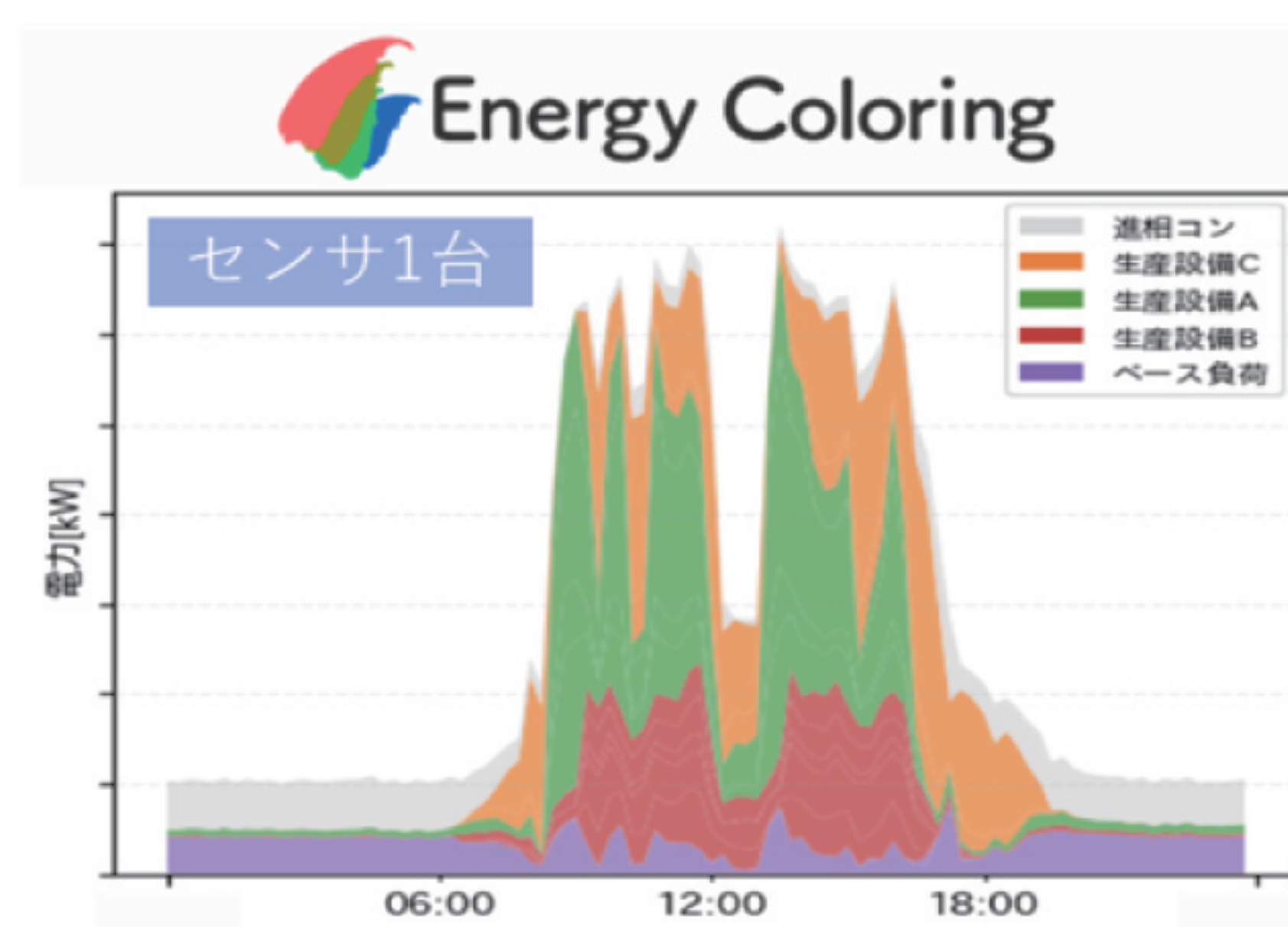
Development of new-generation eyewear to support visual impairment people safely and better

The new MVV10 night vision support eyewear, which integrates AI and smart glass technology, overcomes conventional challenges, achieving significant weight reduction and a two-fold expansion of the display field of view. The new feature "Yubisashi Ai" (Pointing AI) recognizes objects in the video using AI and provides information via voice, comprehensively supporting the visually impaired by ensuring visibility in the dark and grasping the surrounding situation, dramatically improving their independence and quality of life (QOL). With updates such as a design that blends into daily life, approximately 40% cost reduction, and weight reduction, it aims to create new markets beyond just welfare applications.



Disaggregation and Action EMS for Commercial & Industrial Sector

The company has developed and operates a disaggregation ammeter and action-proposal type EMS (Energy Management System) that "disaggregates" power consumption in the commercial and industrial sectors by "purpose." It can be installed without electrical work, and current waveform analysis automatically estimates the usage status of each piece of equipment. Furthermore, generative AI explains the load curve of power usage in Japanese and concretely proposes energy-saving actions, allowing small and medium-sized enterprises to easily engage in decarbonization. This unique approach, providing end-to-end services from power visualization to behavioral change, allows even users without specialized knowledge to easily take the first step towards energy saving, decarbonization, and Green Transformation (GX).



Just a Pinch! A Fun Monitoring System Empowering Seniors Living at Home

This is the world's first "elderly-led monitoring system." Elderly individuals living at home can simultaneously transmit muscle strength and safety information simply by "pinching" a button. Shifting the concept from surveillance to proactive communication enables continued use without resistance. The daily data collected directly supports early prevention of falls and frailty, contributing to reductions in long-term care and medical expenses. While promoting independence for seniors themselves, it also connects to government frailty countermeasures and research institute applications, aiming to become next-generation infrastructure that extends healthy life expectancy and solves societal challenges.



Feel it, Touch it. The Next Generation of 4D Video



We have developed a next-generation vibration feedback technology that goes beyond the conventional limits of smartphone vibrators, delivering natural and immersive haptic experiences. Powered by a proprietary algorithm originating from university research, it faithfully reproduces a wide range of haptic sensations—from high to low frequencies—enhancing video and audio with a vivid sense of physical realism. For the first time, we will unveil experiential content that integrates smartphones with digital signage, while also showcasing the potential of immersive media that can convey even the artistry and subtle breathing of performers.

共有する
触覚体験を



Instant Core Body Temperature Risk Detection using Wearable Heat Flux Sensors

This time, our company has developed the world's first QFN-packaged heat flux sensor utilizing topological materials, enabling non-invasive, real-time measurement of core body temperature with high sensitivity and fast response. Highly compatible with ICs and suitable for miniaturization, it enables continuous body temperature monitoring in daily life as a wearable device. Its proprietary algorithm enables early detection of fever, hypothermia, and heatstroke risk, promising broad applications in health management, medical care, nursing, sports, and other fields.



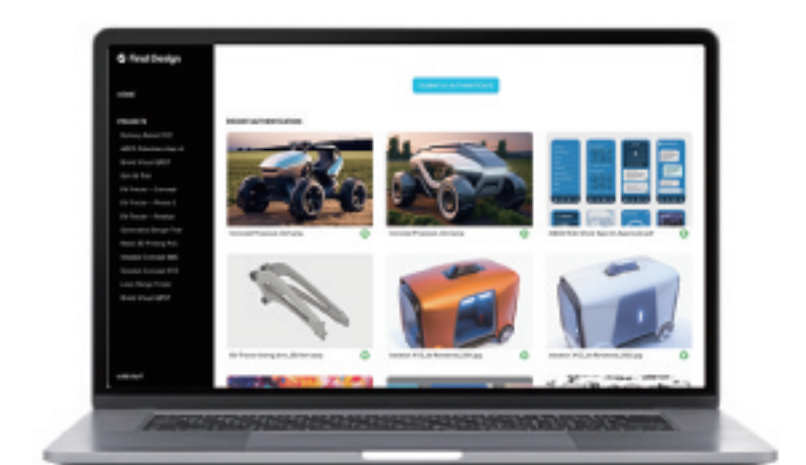
Neonatal Care Experience System: CryingBaby

CryingBaby is a system designed to simulate the difficulties and stress associated with caring for a newborn. Like a real baby, it cries out demanding to be held, fed, and have its diaper changed. It drinks real milk and can excrete colored liquid as urine, offering a more practical newborn care experience. Furthermore, by reproducing the fatigue and uncertainty of childcare through uncontrollable crying and unresponsive reactions, it is expected to encourage the taking of childcare leave.



Enabling safe, and secure use of Generative AI through an advanced Intellectual Property Management Platform "Final Design"

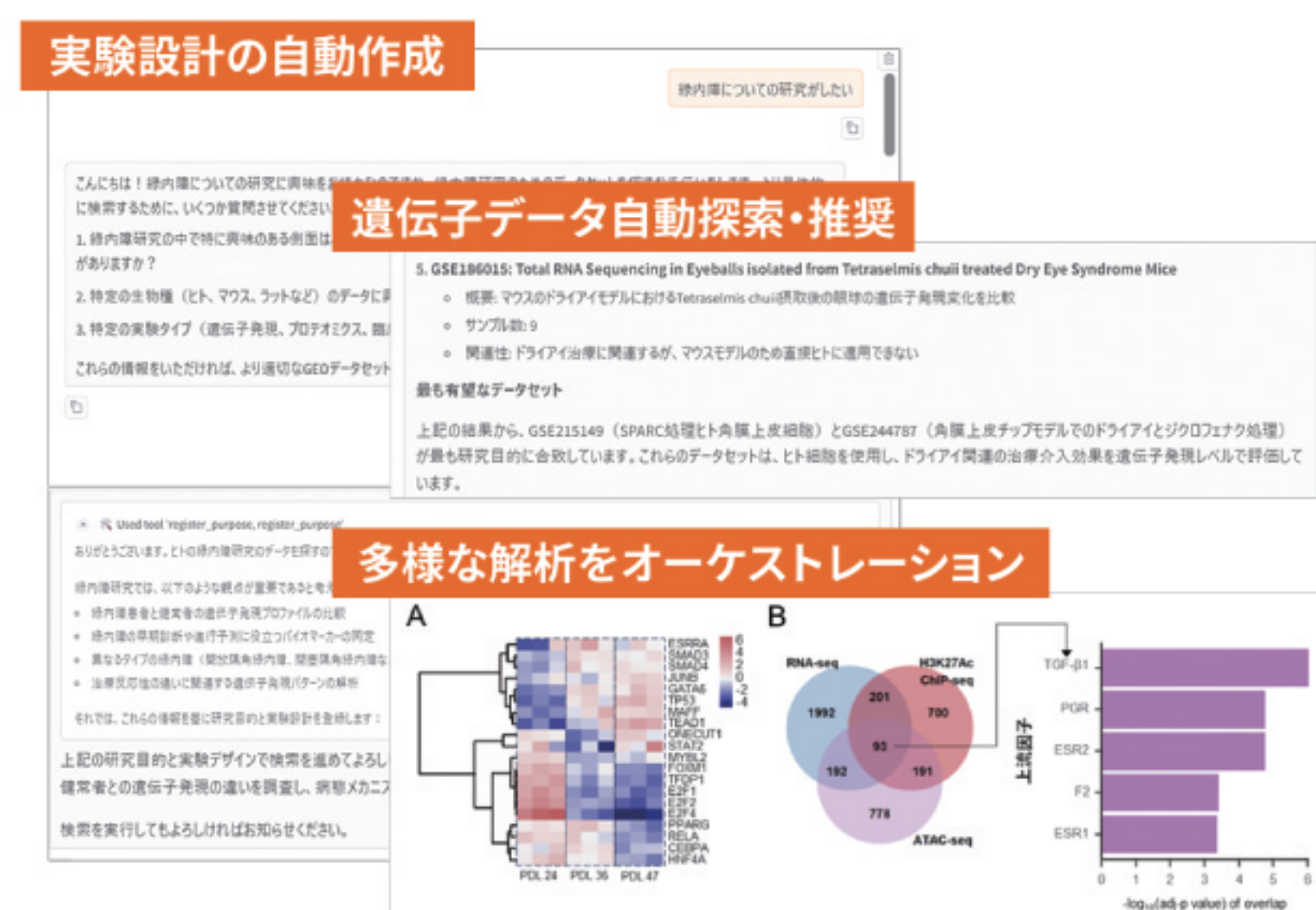
Final Aim's "Final Design" is a proprietary technology that structurally manages and visualizes Generative AI prompts, images, model conditions, and fine-tuning history in time series. It ensures the transparency and authenticity of the creative process and meets intellectual property protection and governance requirements. It enables safe and secure utilization of Generative AI from design to manufacturing and social implementation, establishing a new standard for innovative manufacturing and intellectual property management at the industry level.



Autonomous Prescription Design and Experiment Execution via Dual-Agent AI



- Dual-Agent AI for Autonomous Formulation Design & Execution
- AI agent jointly developed by Rohto Pharmaceutical Co., Ltd. and Futsupa Co., Ltd.
- Integrates formulation design and robotic experimentation, automatically generating the entire process from “design → planning → execution → documentation” based solely on researchers' natural language instructions
- Expandable across multiple fields including cosmetics, pharmaceuticals, chemistry, and food; practicality already demonstrated at Rohto Pharmaceutical Language Models for Manufacturing Running on Edge Devices



agile effect –Agilize business processes and achieve rapid productivity improvement loops–

Agile Effect is a SaaS solution that integrates with task management tools and GitHub to visualize the information essential for agile development. It is widely adopted by everyone from those just starting with agile to advanced practitioners. At our exhibition booth, we will demonstrate its extremely simple yet powerful features while sharing success stories.



Target Discovery AI Orchestrator for Healthcare and Life Sciences

- Target Discovery AI Orchestrator for Healthcare and Life Sciences
- AI agent jointly developed by Rohto Pharmaceutical Co., Ltd. and Futsupa Co., Ltd.
- Deciphers ambiguous user requests and proposes concrete experimental plans
- Automatically searches for relevant genetic data from vast information repositories
- AI orchestrates diverse bioinformatics analyses, enabling rapid and reproducible target discovery for anyone
- Deployable across the entire healthcare and life sciences industry, including pharmaceuticals, cosmetics, and food
- Language Models for Manufacturing Running on Edge Devices

