

Adansons Inc Profile



- Founded Year: 2019
- HQ: Sendai City, Japan
- Sector: Information Technology
- Stage: Series A
- Representative: Haruki Ishii
- Contact: knock@adansons.co.jp
- HP URL: <https://adansons.co.jp/en>

(Update date 2023/12)

Problem

Errors in AI are not prevented because they are developed and operated without understanding their performance and debugging.

- Performance monitoring and control way for AI, a new black-box software with unintended behavior, have yet to be realized.
- There is an urgent need to interpret and resolve AI errors and their causes, especially in fields such as automated driving.
- Currently, there is no method for detecting performance problems and debugging them according to their causes, and development and operation are based on the experience and intuition of the engineers.

Solution

ML Debugger | SaaS for monitoring and debugging machine learning models performance

- Founded by inventors and pioneers in the field of explainable AI to achieve "AI that can be trusted with your life"
- Develops and sells software to monitor and debug the performance of machine learning models developed and operated by the company, such as automated driving.
- The first product that enables the debugging of machine learning models and has the largest market share in the area of automated driving.

AI SILK CORPORATION Profile

The logo for AI SILK, featuring the words "AI SILK" in a bold, sans-serif font. The "AI" is in a lighter weight than "SILK".

- Founded Year: 2015
- HQ: Sendai, Miyagi, Japan
- Sector: Materials
- Stage: SeriesA

- Representative: Hideo Okano
- Contact: hara@ai-silk.com
- HP URL: <https://www.ai-silk.com/english/>

(Update date : 11/12/2023)

Problem

Drawbacks of Conventional Smart Textiles

- Conventional smart textile with “metal” cause: Getting a rash, Rusting by washing, Uncomfortable, Difficulty to design.

Solution

Our Unique Solution to Unlock New, Huge Market

- We can transform various normal textiles into smart textiles without metal. Safe for human skin. Easy to design.
- Three main features of our smart textile. (1) high homogenous conductivity, (2) Anti-bacterial, Anti-viral, clean and durable, (3) Effective in wet and dry conditions.

AI Medical Service Inc. Profile



- Founded Year: 2017
- HQ: Hareza Tower 11F, 1-18-1 Higashi-ikebukuro, Toshima-ku, Tokyo 170-0013, Japan
- Sector: Health Care
- Stage: N/A
- Representative: Tomohiro Tada
- Contact: <https://www.ai-ms.com/contact>
- HP URL: <https://www.ai-ms.com/>

(Update date: 2023/12/12)

Problem

Endoscopic AI from Japan Saves Patients Around the World

- It is very difficult to diagnose cancer of the gastrointestinal tract by endoscopy (especially early-stage gastric cancer) because endoscopic diagnosis is still in its infancy in the United States, a country with advanced medical care.
- Therefore, AI (at the level of Japanese medical specialists) that is developed based on data from Japan, which has an advantage in endoscopic diagnostic imaging, will improve the level of diagnostic imaging in the U.S.

Solution

Conducting joint research with leading U.S. medical institutions, aiming for early FDA approval (DenoVo) and product launch for the U.S. market.

There are two major businesses.

- Obtained FDA approval: Collaboration with dozens of U.S. facilities with Stanford as Project Investigator.
- Develop products for the U.S. market on our own and collaborate with U.S. partners to build the market from scratch.

Anifie, Inc. Profile



- Founded Year: 2017
- HQ: Irvine, California, USA
- Sector: Communication Services
- Stage: Seed

- Representative: Yohei Iwasaki
- Contact: tabe@anifie.com
- HP URL: <https://anifie.com/>

(Update date: 2023/12/8)

Problem

Companies want to own and leverage digital communities as a new form of media

Leverage the community on the metaverse and build a distributed ecosystem with Web 3.0 for the data obtained

- Increase touchpoints
- Acquire customers and data
- Leverage data

Solution

Distributed Community Offerings: Expanding Engagement with AI and Metaverse

ANRI Inc Profile



- Founded Year: 2012
- HQ: Tokyo, Roppongi
- Sector: Financials
- Stage: Seed-Early

- Representative: Anri Samata
- Contact: info@anri.vc
- HP URL: <https://anri.vc/>

(Update date 2023/12)

Problem

Creating connection to make it easier for Japanese startups to challenges overseas market.

- With the growth of the startup ecosystem in Japan, the perspective of entrepreneurs is getting matured. The number of entrepreneurs who want to take on global challenges is also increasing.
- However, there is still an issue that Japanese VCs and the Japanese startup ecosystem do not have much connection to the U.S. and other countries, so we would like to take on the challenge of connecting.

Solution

One of the largest seed Venture Capital funds in Japan. Portfolio companies could expand overseas, and with potential investments from overseas funds.

- We have invested in a wide range of areas from the software industry to Deeptech.
- One of the largest funds in Japan, we have invested from the seed round.
- We have an abundance of investment targets and investment areas from the content industry to the deep tech industry in which can reach out to global market. In addition, some of our existing portfolio companies have actually received investments from overseas funds and are growing significantly.

artics Inc Profile



- Founded Year: 2024
- HQ: Delaware (Planning)
- Sector: Consumer Software
- Stage: Bootstrapped

- Representative: Arata Nakatsuji
- Contact: support@articsinfo.com
- HP URL: <https://articsapp.com/>

Update date : 12/8/2023

Problem

The inefficiency in the distribution of art and entertainment.

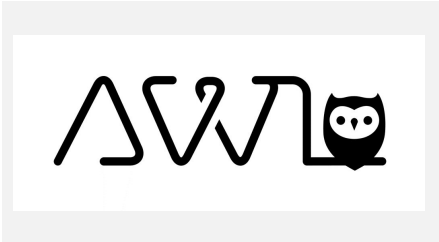
- **Industry Challenge:** The arts and entertainment sector struggles with a significant disconnect between high-quality works and consumers, resulting in missed opportunities. Our commitment is to establish an efficient channel for precise audience targeting.
- **Solutions:** To address this, we propose fundamental reforms in artistic distribution methods, drawing inspiration from the U.S. entertainment model. Our strategy includes leveraging a network of campus ambassadors across 20+ institutions, facilitating a targeted U.S. market expansion.
- **Empowering Artists:** Talented artists face unnecessary hurdles despite discovering their passions. By strategically expanding into the U.S. market, we aim to create a future where artists can pursue their dreams without compromise, mitigating the need for many to abandon their aspirations.

Solution

An Social media where you deepen your favorites with like-minded community individuals!

- **Personalized Profiles:** Users craft profile pages by adding favorite works across genres, connecting with like-minded peers at their university.
- **Tailored Content Discovery:** artics revolutionizes content discovery, enabling users to find works based on shared sensibilities, offering a more personalized exploration of favorite content.
- **Creator Economy Entry:** As our user base grows, artics plans to enter the creator economy by allowing creators to release music and movies on the platform, fostering the discovery and ownership of intellectual properties, akin to labels like Def Jam Recordings.

AWL, Inc. Profile



- Founded Year: 2016
- HQ: Tokyo, Japan
- Sector: Information Technology
- Stage: Series C

- Representative: Muneharu Kitade
- Contact: <https://awl.co.jp/en/contact/>
- HP URL: <https://awl.co.jp/en/>

(Update: Dec. 11, 2023)

Problem

Contribute to digital transformation of all “frontline” including retail

- Add value and reduce costs with the Retail Media Solution, which analyzes viewing time using cameras on digital signage, the Customer Behavior Analysis Solution, which analyzes time spent in front of shelves and touching products, and the Store Efficiency Solution, which tracks customer behavior across multiple cameras to improve layout and operations
- Provide highly accurate and multifunctional services using existing security cameras, etc., without installation work, while protecting personal information

Solution

Development and provision of video analytic core technology and edge AI camera solutions

- Develop core image recognition technology and edge AI camera solutions
- Pioneered the digital transformation of Japanese retail with edge AI video analytics solutions
- Strengths in AI video analytics and consulting for stores
- Expanded business to retailers nationwide in Japan, starting with the SATUDORA drugstore chain in Hokkaido, Japan
- Also installed to digital signages in elevators, reaching a cumulative total of 13,000 units by the end of 2023. Expanding beyond retail.

Beyond Next Ventures Inc. Profile



- Founded Year: 2014
- HQ: MFPR Nihonbashi Honcho Building 3F.
3-7-2. Nihonbashi-honcho. Chuo-ku. Tokyo.
103-0023. Japan
- Sector: Financials

- Representative: Tsuyoshi Ito
- Contact: pr@beyondnextventures.com
- HP URL: <https://beyondnextventures.com/>

(Update date)

Problem

Solving Social Issues, Advancing Science and Technology

- Solve global social issues (e.g. healthcare, environment, food) by boosting social implementation of innovative Japanese deep tech.
- Improve the research environment in academia by concentrating more funds and human resources in research areas for the continuous development of science and technology, improving the commercialisation mechanism and creating a funding cycle for the next generation.

Solution

Creating the beyond next society; enabling exceptional people solving global challenges

- Investment in Deep Tech Startups: Managing a cumulative fund of 32 billion yen, we provide seed funding to deep tech startups in Japan and India that aim to transform society. Several of our investees have achieved IPOs and M&As.
- Support for Commercialization of Research Results: We operate the 'BRAVE' to promote the commercialization of research results which has supported more than 200 researchers and enabled more than 50 companies to start new businesses, with total funding raised by graduates amounting to approximately 40 billion yen. Also operates Beyond BioLAB TOKYO, a shared wet lab.
- Discover and Develop Management Talent: Through our 'INNOVATION LEADERS PROGRAM', we provide opportunities for business professionals aspiring to co-found startups with researchers. The program has offered over 450 individuals the chance to engage in founding and managing businesses, producing over 40 CXOs.

bitBiome, Inc. Profile



- Founded Year: 2018
- HQ: 1-22-3 Nishi-waseda, Shinjuku-ku, Tokyo, Japan
- Sector: Industrials
- Stage: SeriesB

- Representative: Yuji Suzuki
- Contact: yuji.suzuki@bitbiome.bio
- HP URL: <https://www.bitbiome.bio>

(Update date) 12/8/2023

Problem

Pioneering research results in the field of biotechnology and life sciences in Japan have not been commercialized.

- Bridging the gap between research and industrialization in Japan
- Elimination of the typical Japanese failure of winning in technology but losing in commercialization
- Rapid analysis of globally unexplored microbial functions and innovations based on this analysis

Solution

Providing single-cell sequencing service, enzyme discovery and directed evolution services

- "Unlock the potential of microbes" is our mission and business activities to provide one-stop service from design to production of biomanufacturing
- Exists as the one and only platformer in the bio-manufacturing market
- Our mid- to long-term vision is to contribute to social change through biomanufacturing in line with the SDGs

Carnot Inc Profile



- Founded Year: 2022
- HQ: Tokyo, Minato Ward, Roppongi 6-10-1, Roppongi Hills Mori Tower 15F
- Sector: Information Technology
- Stage: Preseed

- Founder / CEO: Shoya Matsumori
- Contact: contact@carnot.ai
- Website: <https://carnot.ai/>

(2023/12/19)

Problem

Development of coating-free automation tools

- As the use of SaaS increases, navigating across various tools has become more cumbersome.
- Although supposed to be "no-code tools," the reality is that they are difficult to fully utilize for non-engineers.
- There are hurdles such as the need to understand APIs, the necessity of coding, and difficulties in responding to errors.

Solution

Promptflow, a service that requires no coding experience

- Developed "Promptflow," a service that uses AI to implement workflows, eliminating the need for coding experience, API setup procedures, etc.
- There are few examples of AI automation tools in the world that are easy for non-coders to use.
- The global iPaaS market is expected to grow to over \$10 billion by 2025.

DYNATREK Inc. Profile



- Founded Year: 1999
- HQ: Tokyo, Japan
- Sector: Information Technology
- Stage: N/A
- Representative: Joji Saeki
- Contact: soumu@dynatrek.co.jp
- HP URL: <https://www.dynatrek.com>

(Update date)

Problem

Solving the Problem of Segregation between SaaS Data and Legacy Data in Regional Financial Institutions

- In financial institutions, particularly regional ones, there is a recognized challenge in the segregation of data assets between SaaS platforms like Salesforce and legacy system data.
- This segregation leads to practical issues, such as the disconnect between customer interactions in face-to-face channels and digital banking.
- In regional financial institutions, which require detailed attention to customers including covenant lending, there is a recognized challenge where staff are overwhelmed with data management through tools

Solution

Providing a Data Utilization Solution for Regional Banks Using the Data Integration and Analysis Tool DYNATREK

- "Self-service" the data integration of legacy systems, which previously required significant investment.
- Provide a forum for exchanging data utilization know-how by hosting a Data Utilization Academy for employees of regional financial institutions.
- Provide a system as a "receptacle" that can integrate both new ideas and existing assets.

eneye, Inc Profile



- Founded Year: 2023
- HQ: Menlo Park, CA, USA
- Sector: Energy
- Stage: N/A

- Representative: Naoto Sakakibara
- Contact: Naoto@eneye.tech
- HP URL: <https://eneye.tech>

(Update date)

Problem

There is no simple and scientific method to measure, diagnose, and predict building energy efficiency.

- **Energy auditors** who conduct energy diagnostics of buildings measure and record using multiple measuring instruments and create reports. The task is time-consuming and difficult. There is no such system to streamline the complicated energy auditors job routine.
- **Property owners** who request energy diagnostics of buildings usually do not have the knowledge to interpret the report properly. Typically report consist of many of 2D pictures and thermography with qualitative analysis especially for the airtightness and insulation.
- **Construction-related businesses** are developing construction methods and materials with good energy efficiency, but there are few methods for efficiently measuring and analyzing three-dimensional objects and expressing their effects.

Solution

Develop systems to measure, diagnose, and predict energy efficiency.

- **4-Dimensional Data Capture:** A service combining hardware and software to obtain a building's thermal environment data in 4-D (location + time).
- **Diagnostic Analysis:** Tools that analyze thermal data to provide numerical diagnostics on airtightness, insulation, and comfort levels within buildings.
- **UX Tool Innovation:** Development of four-dimensional user experience tools to enhance the interpretation and application of thermal environment diagnostics.
- **Regulatory Compliance and Enhancement:** Integrated systems for diagnosing in line with energy regulations and proposing improvements for a building's airtightness and insulation performance.

eve autonomy, Inc Profile



- Founded Year: 2020
- HQ: Fukuroi, Shizuoka, Japan
- Sector: Logistics
- Stage: SeriesA

- Representative: Ryosuke Hoshino
- Contact: iwakazu.nishikawa@eveautonomy.com
- HP URL: <https://eveautonomy.com/en/>
(Dec 11,2023)

Problem

Automation in outdoor cargo transport in factories and logistic centers

- In many cases, cargo are transported by humans in factories and logistics centers and especially, when it comes to outdoor cargo transport between buildings, there are not so many automation solutions.
- Workers in charge of this kind of tasks are working in a harsh environment where it is hot in the summer, and cold in the winter.

Solution

By automating outdoor transport between buildings, we aim to help factories and logistics centers improve their productivity and working environments for their workers

- Based on Yamaha Motor's high-quality golf cart, this mass-produced vehicle is equipped with the autonomous driving system from TIER IV, a leading Japanese startup in autonomous technology. This enables outdoor automated transport.
- Using 3D maps and LiDAR, the vehicle does not require induction wires, allowing flexibility in changing routes, stopping positions, and travel speeds. While primarily targeting facilities with multiple buildings, such as factories and logistics centers, it can also be implemented in other private areas like theme parks and airports.
- Through this solution, we aim to help factories and logistics facilities etc. improve their productivity and working environments for their workers.

Firstcard Inc Profile



- Founded Year: 2020
 - HQ: 101 Jefferson Drive 1st Floor, Menlo Park, California 94025
 - Sector: FinTech
 - Stage: Seed Stage
 - Representative: Kenji Niwa
 - Contact: info@firstcard.app
 - HP URL: <https://www.firstcard.app/>
- (Update date)

Problem

Students are struggling with having a credit card

- 50% of college students in the US don't have a credit card because they are afraid of overspending or their applications are rejected.

Solution

We offer new type of credit card that accept almost everyone without worrying about overspending

- We offer a bank account and a credit card at the same time and what you deposited on our bank account is what you can spend on our credit card. Thus, you don't need to worry about overspending. Also, we accept almost everyone including international students who don't have an SSN.

HOMMA Group Inc. Profile



- Founded Year: 2016
- HQ: Chuo-ku, Tokyo
- Sector: Real Estate
- Stage: Series A

- Representative: Takeshi Homma
- Contact: info@hom.ma
- HP URL: <https://www.hom.ma/>

(Update date)

Problem

Complicated processes and work when smartnizing multifamily home

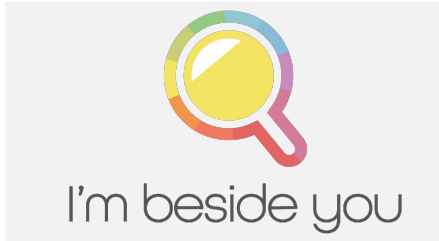
- Design changes required for smartinization
- Additional works and time for for installation and setup smart devices
- User support

Solution

One-stop smartinization solution for developers

- Smart design support (wiring, device selection and placement)
- Device procurement and installation support
- Smart device configuration and automation
- Tech support

I'mbesideyou Inc Profile



- Founded Year: 2020
- HQ: Minato-ku, Tokyo
- Sector: Information Technology
- Stage: Pre-Series A

- Representative: Shozo Kamiya
- Contact: info@imbesideyou.world
- HP URL: imbesideyou.com

8th Dec 2023 (Update date)

Problem

Lack of mental health therapists (treatment gap) and delayed detection due to stigma awareness

- Approximately 20% of Americans experience mental health problems, half of whom do not receive appropriate treatment
- While the number of mental health patients has clearly increased due to COVID-19, the increase rate of therapists has remained constant. c A supply-demand gap between therapists and patients continue to increase.
- This has created a waiting list for therapists, even though their fees are as high as \$700-800/hour.

Solution

Multimodal video analytics AI to improve therapist productivity by automating therapy recording and reporting and Mental health disorder detection AI to support diagnosis of therapists.

- Analyze the patient's condition during therapy using multimodal video analysis AI and automate recording and reporting to reduce the therapist's workload significantly.
- Mental health disorder detection AI (Waiting for FDA approval), which is being jointly researched with medical institutions in Japan, India, and the US, will support and shorten therapists' diagnostic work.
- Provide therapists with an optimal work environment that eliminates waste by linking with peripheral systems such as EHRs and eliminating the need for transcription.

InnoJin , Inc. Profile



- Founded Year: 2020
- HQ: Bunkyo- ku , Tokyo
- Sector: Healthcare
- Stage: Early
- Representative: Dr. Takenori Inomata
- Contact: innomata@innojin.co.jp
- HP URL: <https://innojin.co.jp/>

Problem

Realizing “people-friendly” digital medicine

- In the post-corona society, medical needs in the living areas of patients and citizens around the world will increase.
- Digital health using mobile health etc. will make it possible to bring about a paradigm shift from traditional institutional medical care centered on hospital facilities to lifelong medical care centered on the daily living areas of patients and citizens.
- Aiming to build a system for personalized medicine and predictive/preventive medicine from information related to individual health and lifestyle collected from mobile health

Solution

Businesses that utilize IT related to medical and healthcare

- Building a system that visualizes people's (patient's) health status and disease risks using mobile health, and allows individuals to work on preventing and pre-disease of diseases.
 - Medical device approval and regulatory approval for mobile health apps
 - Research and development to promote digital transformation of medical care

Junify Inc Profile



- Founded Year: 2016
- HQ: Palo Alto
- Sector: B2B SaaS
- Stage: Seed

- Representative: Hiroaki Yasutake
- Contact: hiro@Junify.com
- HP URL: <https://www.Junify.com>

(Update date)

Problem

Inefficient and insecure corporate IT in the SaaS era

- Securely protect SaaS accounts targeted by cyber attacks against the latest methods of attack like MFA Phishing.
- Ideal solution for managing shared and privileged accounts that are ignored by existing SSO solutions.
- In the era of and working from anywhere, enabling location data for visibility of workers and adding restrictions on information access.

Solution

Safe and easy-to-use IT systems for next-gen companies, beyond existing broken IT systems

- Easy and secure security management solution for all browser-based SaaS and in-house applications.
- Beyond legacy Identity Management Solutions based on employee email addresses, providing next-generation ID management that includes workers who stand while working.
- Creating virtual workplace where everyone can work comfortably and securely from anywhere, without compromising on usability for the sake of security.

Kailas Robotics Inc Profile

The logo for Kailas Robotics, featuring the word "KAILAS" in a large, bold, black sans-serif font, with the word "ROBOTICS" in a smaller, all-caps, black sans-serif font directly beneath it.

- Founded Year: 2022
- HQ: Saitama, Japan
- Sector: Industrials
- Stage: N/A

- Representative: Dambardarjaa Munkhbayar
- Contact: public-relation@kailasrobotics.com HP
URL: <https://kailasrobotics.com>

(Update date)

Problem

Conventional robot arms are bulky, heavy and stuck in one place.

- Traditional robotic arms are designed with fixed pivot points, rendering them ineffective when the base is in motion.
- There is a significant demand for solutions that can retrieve samples, objects, or hazardous materials from hard-to-reach or dangerous areas where humans cannot access.

Solution

Regardless of any movement of the pivot, the arm's tip can remain in a designated position.

- Whole system weighs only 6 lbs. It can be equipped with not only drones, but also any humanoids, assistive prosthetic devices.

KORTUC Inc Profile



- Founded Year: 2015
- HQ: Menlo Park, CA, USA
- Sector: Health Care
- Stage: SeriesA/B

- Representative: Kazuyuki Matsuda
- Contact: kazu.matsuda@koruc.com
- HP URL: <https://kortuc.com/>

(Dec 8, 2023)

Problem

Cancer Radiotherapy does not work well for large sized tumors

- Radiotherapy (RT) is established as one of three core cancer treatments and applied to approximately 60% of newly diagnosed cancer patients
- However, RT does not work well for large sized tumors, which are hypoxic (low oxygen levels) inside and protected by abundant anti-oxidative enzymes
- This has been a fundamental problem of radiotherapy which has never been solved

Solution

We solve this problem by offering a first-in-class radiosensitizer

- We invented a drug consisting of hydrogen peroxide (H₂O₂) as active ingredient and sodium hyaluronate as functional excipient in a pre-filled syringe format
- The drug is injected intratumorally right before radiotherapy. Hydrogen peroxide eliminates hypoxia and lowers antioxidative enzyme activity in tumors. Our drug makes radioresistant tumors radiosensitive and increases radiation's anti-tumor effectiveness
- There are 1.5 million patients face this problem every year, which we solve



Nanofiber Quantum Technologies, Inc.



- Founded Year: 2022
- HQ: Palo Alto, CA
- Sector: Quantum Computing Hardware
- Stage: Post-seed

- Representative: Dai Tsukada
- Contact: info@nano-qt.com
- HP URL: <https://www.nano-qt.com/>

(2023/12/4)

Problem

How to achieve the scalable quantum computing and networking

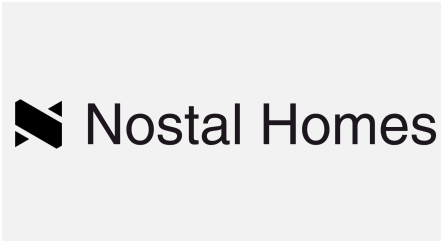
- The scalability of quantum computing hardware currently limits the power of quantum computing.
- Existing approaches to quantum computing are monolithic and lack modular architecture, which hinders the expansion of computational capabilities.
- Furthermore, integrating quantum computing with quantum communication channels is challenging with current methodologies, resulting in a separation between the advancements in quantum computation and the development of quantum communication.

Solution

Build the fiber connectable quantum processing unit by nanofiber cavity QED(Quantum Electrodynamics) technologies

- Our Quantum Processing Unit (QPU) is fully compatible with fiber connectivity, made possible through our specially engineered fiber cavity QED system.
- The modular design of our QPU allows for the connection of multiple units, facilitating distinctive scalability through distributed quantum computing.
- Our primary focus is on developing a compact QPU designed to function as a "quantum repeater," a solution currently not available in the market

Nostal Homes Inc Profile



- Founded Year: 2023
- HQ: Austin, TX
- Sector: Real Estate
- Stage: Pre-seed

- Representative: Takahiro Morinaga
- Contact: takm@nostalhomes.com
- HP URL: <https://www.nostalhomes.com/>

(Update date : 12/5/2023)

Problem

Hotel and Short term rental seem the only option for people live in multiple locations

- Staying at hotels or Airbnb comes with both financial and time costs.
 - Hotel & STR: **Expenses < Investments**
 - The process of searching and booking can become discouraging.
- Buying houses in multiple places by one person is too costly
- Even if affording a house, it's still challenging to manage & monetize.

Solution

Own 1/10th of a second home with a 5-week stay through our fractional ownership platform.

- Affordable Ownership - Buy 1/10th ownership with 1/10 cost
- Flexibly Monetize Your Share - Convert to Airbnb for extra income.
- Cost < Investment - Build your equity and sell your share

RENATUS ROBOTICS Inc. Inc Profile



RENATUS ROBOTICS

- Founded Year: 2022
 - HQ: 1160 Battery St. San Francisco, CA 94111, USA
 - Sector: Industrials
 - Stage: Pre Series A
 - Representative: Takuma Osawa
 - Contact: office@renatus-robotics.com
 - HP URL: <https://www.renatus-robotics.com>
- (2024/10/8)

Problem

Inefficiency in Logistics Warehousing

In Logistics Warehouse Operations

- 1.Labor Shortage
- 2.Human Error
- 3.Patchy Digital Transformation (Localized optimal digital transformation inhibiting overall optimization) in Logistics Warehouse Operations.

Solution

Large-scale and ultra-high-density automated warehouse system

- Labor reduction through 'one-stop packaging' minimizes the number of people needed for warehouse operations and achieves time savings.
- Minimizing manual labor to eliminate human error.
- Cost reduction through simple design by implementing automated warehouses that digitally transform the entire logistics warehouse for overall optimization.

RevComm, Inc Profile



- Founded Year: 2017
- HQ: Tokyo, Japan
- Sector: B2B SaaS (Information Technology, Communication Service)
- Stage: Series A
- Representative: Takeshi Aida
- Contact: us-sales@revcomm.com
- HP URL: <https://miitel.com/revcomm-us/>

(Dec 11, 2023)

Problem

AI-Powered analytics and self-coaching tools to solve “Black Box Problem” in business communications

- Nobody knows “What” and “How” the conversation is made between a sales rep and a customer
- Therefore, nobody knows “Why” – the deal has or hasn't closed, or the performance gap between each reps
- Labor-intensive and subjective sales and customer support depending on individual skills

Solution

AI-Powered analytics and self-coaching, available for all communication touch points

- AI powered IP phone service “RevComm”
- AI powered analytics for web meeting “RevComm Meetings”
- AI powered analytics for face-to-face meeting “RevComm RecPod”

Ruten Inc Profile



- Founded Year: 2023
- HQ: 2108 N ST, Ste 5044, Sacramento, CA 95816
- Sector: Health Care
- Stage: Seed Stage

- Representative: Kazutaka Takahashi
- Contact: contact@ruten-neuro.com
- HP URL: www.ruten-neuro.com

(Update Date: 12/10/2023)

Problem

Restoration of Swallowing Function Lost Due to Dysphagia

Patients with dysphagia have lost their normal swallowing function, leading to the risk of aspiration from food, drinks, and even saliva. This can result in serious complications such as aspiration pneumonia. As a consequence, the mortality rate for hospitalized patients with dysphagia is 12.5 times higher than for those without, significantly diminishing their quality of life. Furthermore, approximately 16% of the global population will experience dysphagia at some point in their life, indicating a substantial patient population. However, current primary treatments are limited to rehabilitation, which only minimizes the risk of aspiration, thus having limited effectiveness. Additionally, dysphagia is associated with high rates of readmission and significant medical costs, creating a substantial economic burden. In the United States alone, the incremental cost of dysphagia, even when restricted to cases caused by ischemic strokes, is estimated at around 20 billion dollars annually (approximately 3 trillion yen). Our research and development on a Brain-Machine Interface device for dysphagia aims to restore the lost swallowing function, thereby addressing this immense unmet medical need.

Solution

Development of a Brain-Machine Interface (BMI) Device for Dysphagia

Our goal is to help individuals reclaim a healthy and fulfilling life by restoring various bodily and neurological functions lost due to diseases or accidents. We achieve this through the application of invasive BMI technology. At present, only a limited number of patients benefit from innovative functional reconstruction treatments using invasive BMI, and we believe it's essential to make this technology accessible to more patients. Our initial targets are patients with dysphagia caused by head and neck cancer and stroke. This focus is due to: (1) these being major causes of dysphagia, (2) a strong desire among these patients to alleviate dysphagia and enhance their quality of life, and (3) a lower psychological barrier to undergoing implantation surgery for the dysphagia BMI, as these patients often have already undergone invasive surgeries. Unlike current treatments, which are limited to the rehabilitation period, the dysphagia BMI can operate 24/7, preventing each episode of aspiration and enabling patients to lead more independent lives. The device predicts the timing of swallowing by monitoring real-time neural activity and assesses the safety of each predicted swallow based on the state of chewing and breathing. If classified as safe, it stimulates the nerves to promote swallowing; if not, it stimulates them to halt swallowing. This function is analogous to the automatic acceleration and braking system in self-driving vehicles.

SMZ Inc. Profile



- Founded Year: 2021
- HQ: Japan
- Sector: Consumer Discretionary
- Stage: Seed

- Representative: Masaki Shimizu
- Contact: masaki.shimizu@smz-ev.jp
- HP URL: <https://smz-ev.jp>

(Update date)

Problem

Humanity's Move Challenges

- Forced to travel on foot
- Conventional mobility takes up space
- Micro-mobility theft

Solution

XXX

- Arma, the World's Smallest E-Scooter that Folds to the Size of A4
- Can be carried anywhere, takes up little space, and solves the theft problem.
- Pioneering the portable mobility market in the micro-mobility market.

SyncMOF Inc Profile



- Founded Year: 2019
 - HQ: 2-22-8, Chikusa, Chikusa-ku, Nagoya City, Aichi, Japan
 - Sector: Materials, Energy
 - Stage: N/A
 - Representative: Junichi Hataoka (Co-Founder)
 - Contact: info@syncmof.com
 - HP URL: <https://syncmof.com/>
- (8th Dec 2023)

Problem

Effective utilization and recycling of all gaseous resources

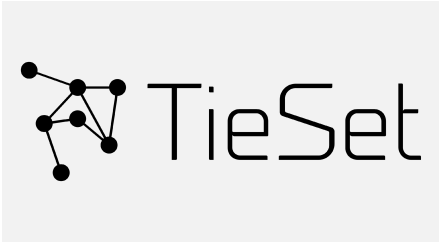
- Development of next-generation materials with nanometer-sized pores (MOF) and production of new gas systems to solve energy issues that are considered geopolitical problems, and issues in the medical, agricultural, and space domains by utilizing gas control technology.
- Energy field: recycling of various gases by separating gases from factory exhaust gases; direct air capture (DAC) = capturing CO₂ from the atmosphere; use of hydrogen and ammonia as an energy source, etc.
- Non-energy fields: atmospheric desalination; life science (detection of diseases from skin gases and breath); space (capture of rare gases, etc.), agriculture (efficient capture of CO₂ from the atmosphere and factory exhaust gases to promote plant growth)

Solution

Providing solutions in various industries such as energy, space, agriculture, and life science by controlling gases

- Under the mission of "*Changing the Future with Nanoporous Materials*", we develop next-generation materials (MOF) and produce new gas systems to solve problems not only in the energy field, but also in many other industries such as space, agriculture, and life science.
- Possessing the technology to freely control gases and synthesizing a material called MOF to capture, separate, and store certain gases.
- In addition to the technology to create the material, we can manufacture its own products incorporating the material and measuring instruments (both hardware and software) to measure the gases.
- Specific initiatives include; recycling of various gases by separating gases from factory exhaust gases mainly for manufacturing clients (over 200 companies); providing CO₂ recovery devices to ski and snowboard athletes, which is considered as a high CO₂ emitting sports

TieSet, Inc. Profile



- Founded Year: 2020
- HQ: 651 N. Broad Street; Suite 206, Middletown, Delaware 19709, USA
- Sector: Information Technology
- Stage: Seed Round
- Representative: Kiyoshi Nakayama
- Contact: knakayama@tie-set.com
- HP URL: <https://www.tieset.com/>

(Update: 2023/12/5)

Problem

Challenges of privacy, efficiency, scalability, and cost reduction in artificial intelligence technologies

- Data privacy protection: Keep user data on local servers and devices to avoid data leakage from operating AI on public cloud or centralized servers.
- Reduced latency and efficient implementation: Distributed and parallel learning and processing provide real-time intelligence and run efficiently even on low-performance machines.
- Cost reduction and scalability: Reduce cloud infrastructure or data center overhead; support for scaling to a number of devices.

Solution

STADLE and Adaptive-LLM provide data protection, efficient learning and (generative) AI processing

- Our Vision and Challenges: Innovation in AI technology that emphasizes data privacy and reduces latency and cost, including generative AI.
- Markets to reach: Focus on domains where privacy protection is important, covering a variety of industries including healthcare and manufacturing.
- Service Features: Model training and inference (including generative AI models) in local or private environments, flexible and efficient implementation, and highly scalable AI framework.

Universal Brain Inc. Profile



- Founded Year: 2022
- HQ: San Francisco, CA
- Sector: Health Care
- Stage: Pre-Series A

- Representative: Kazutaka Okuda
- Contact: info@universal-brain.com
- HP URL: <https://universal-brain.com>

(Dec, 2023)

Problem

Revolutionizing depression treatment with innovative, non-pharmaceutical solutions.

- At least 1/3 of the depressive patients are treatment-resistant to traditional treatment solutions, resulting in a longer refractory state.
- Increase in the number of mental health patients globally
- Limited options for at-home non-drug treatment for mental health problems

Solution

AI-powered brain scanner for personalized psychiatric treatment

- Universal Brain offers neurofeedback treatment systems combined with EEG headsets.
- 1st Target: Treatment-resistant and Mild-Moderate Major Depressive Disorders
- Personalized, Non-invasive and At-home treatment for depression

VALUENEX, Inc Profile



- Founded Year: 2014
- HQ: Palo Alto, California, USA
- Sector: Information Technology
- Stage: 100% Subsidiary of VALUENEX Japan Inc.

- Representative: Jiyoung Choi
- Contact: jiyoung@valuenex.com
- HP URL: www.valuenex.com

(Update date)

Problem

Create insights from the big data

- Management & Corporate strategy department want to enhance the development and execution of their business strategy, but the information is too overwhelming, and organizing it would take too much time or may be impossible to organize in the first place.
- R&D and Innovation department aim to develop new products, services, and business initiatives. However, cognitive biases, can limit them to the ideas within their familiar scope of knowledge.

Solution

Big data visualization to create insights

- VALUENEX is a big data analytics company that helps our clients to create insights with our proprietary data visualization algorithms. We provide value by creating knowledge to identify opportunities and risks.

Vesica AI Profile



- Founded Year: 2021
- HQ: San Diego, United States
- Sector: Healthcare
- Stage: Seed

- Representative: Albert Liu, Ph.D. CEO
- Contact: aliu@vesica-ai.com
- HP URL: <https://vesica-ai.com>

(Update date: 10-DEC-2023)

Problem

Digital Transformation of Cystoscopy Improves Quality of Examination

- Bladder cancer is the sixth most common form of cancer worldwide, and one of the most expensive forms of cancer to treat.
- Cystoscopy is essential in diagnosing and treating bladder cancer and is a frequently performed procedure (~2M+ in US annually), especially in the treatment of non-muscle invasive bladder cancer (NMIBC), which accounts for over 75% of all bladder cancer cases. Vesica's technology primarily addresses NMIBC. Vesica AI's current product is UroAI, a patented AI platform that processes in real-time the video feed from a urologist's cystoscope while he or she is examining a patient's bladder. The AI assists the physician by identifying and graphically highlighting any suspicious areas on the inner surface of the bladder that may indicate carcinoma, with emphasis on the small tumors and flat lesions that are easily missed by a physician's eye.

Solution

Become a platform for all cystoscopy

- Vesica AI aims to launch the world's first-in-market AI clinical decision support software for the detection of bladder cancer through cystoscopy. Cystoscopy represents the specialized urological application of endoscopy, a broad field that includes gastrointestinal, colonoscopy, and many other sub-disciplines. Our medical software engineering team is also pioneering novel AI techniques around augmented annotation and artificial image generation, which have demonstrated potential to accelerate AI adoption into other fields of endoscopy by eliminating the need for extensive clinical training data sets.
- Vesica's overall corporate goals are therefore twofold: 1) the rapid clinical commercialization of cystoscopic AI for the urology market, and 2) the further development of AI methodologies that have impacted the endoscopy and medical visualization fields as a whole. We plan to realize those ambitions in partnership with a combination of specialty endoscope manufacturers, global medical device companies, AI software delivery platforms, and big pharma names.

World Matcha Inc. (Cuzen Matcha) Profile



- Founded Year: 2019
- HQ: San Mateo, CA
- Sector: Consumer Discretionary
- Stage: Series A
- Representative: Eijiro Tsukada
- Contact: hi@cuzenmatcha.com
- HP URL: <https://cuzenmatcha.com/>

(Updated on 12/11/2023)

Problem

【US】 Consumers facing caffeine issues, 【Japan】Unsustainable tea production system

- US consumers are concerned about their caffeine intake and are looking for better options than coffee.
- High-quality matcha can help mitigate the effects of caffeine's instant energy spike due to the presence of L-theanine. However, preparing matcha from powder can be challenging for most people. There is a need for a new system or mechanism to make it easier.
- In Japan, there are issues in tea production, such as aging tea farmers and increasing abandoned tea fields. The underlying cause is the lack of demand for high-quality tea leaves as tea consumption in Japan has shifted towards bottled tea made from lower-quality leaves.

Solution

By promoting CUZEN MATCHA globally, we'll create a new demand for high-quality tea leaves

- CUZEN MATCHA is an innovative matcha system, consisting of Matcha Maker and Matcha Leaves, to make a shot of freshly ground matcha. This allows people to enjoy delicious, safe, healthy matcha easily on a daily basis without any efforts.
- Drinking matcha is eating entire tea leaves. This is why we source only organic, high-quality Matcha Leaf from tea farmers in Japan.
- Matcha Maker allows anyone to easily make freshly-ground, delicious matcha with just the push of a button. By promoting this system globally, we'll create a new demand for high-quality leaf worldwide, which will support Japanese tea farmers dedicated to quality.

ZeLo Law Office Profile



- Founded Year: 2017
- HQ: 10th Floor, Toyosu Foresia,
3-2-24, Toyosu, Koto-ku, Tokyo, 135-0061
- Sector: Law Firm

- Representative: Masataka Ogasawara
- Contact: Matsuda (daiki.matsuda@zelojapan.com)
- Official Website URL: <https://zelojapan.com/en>

(Update date) 6/12/2023

Mission

Providing sophisticated legal service to various companies with technologies

- We will provide sophisticated legal service to various company from startups to large companies, with LegalTech and other technologies. (ZeLo was founded with a LegalTech startup (LegalOn Technologies, Inc.))
- We especially focus on support of startups and provide one-stop professional services to them from inception to exit.

Business

Legal service and other professional services

- We provide legal service as well as other professional services (IP, labor, tax, accounting, etc.) with our group firm.
- We support many startups on their finance, issuing stock options, IPO, M&A, IP strategy, etc. Also, we provide legal advice on cutting-edge fields such as web3, AI, etc.
- We support many cross-border deals including startup finance and M&A.

Zuva Inc Profile



- Founded Year: 2017
- HQ: Tokyo, Japan
- Sector: Information Technology
- Stage: Series A

- Representative: Kei Kikuchi
- Contact: company@zuva.io
- HP URL: <https://zuva.io>

(Update date)

Problem

Discovering and connecting with right-fit startups is difficult

- We are in an era of constant pressure to change and create new value (=innovation). There is no one-size-fits-all common solution, and tailor-made innovation is required in line with business strategies, assets, and positioning of each corporation.

Solution

Providing data of emerging-companies based on Human-in-the-Loop technology

- With Zuva's world-class data (over 2 million companies), continuously evolving advanced searching capabilities and AI recommendation functions, our clients can effortlessly discover and connect with startups.

AI SILK CORPORATION Profile



- Founded Year: 2015
- HQ: Sendai, Miyagi, Japan
- Sector: Materials
- Stage: SeriesA

- Representative: Hideo Okano
- Contact: hara@ai-silk.com
- HP URL: <https://www.ai-silk.com/english/>

(Update date : 11/12/2023)

Problem

Drawbacks of Conventional Smart Textiles

- Conventional smart textile with “metal” cause: Getting a rash, Rusting by washing, Uncomfortable, Difficulty to design.

Solution

Our Unique Solution to Unlock New, Huge Market

- We can transform various normal textiles into smart textiles without metal. Safe for human skin. Easy to design.
- Three main features of our smart textile. (1) high homogenous conductivity, (2) Anti-bacterial, Anti-viral, clean and durable, (3) Effective in wet and dry conditions.

Tailor

The logo for Tailor, featuring the word "tailor" in a blue, lowercase, sans-serif font.

- Founded Year: 2021
- HQ: San Francisco
- Sector: Information Technology
- Stage: Seed

- CEO: Yo Shibata
- Contact: pr@tailor.tech
- HP URL: <https://www.tailor.tech/>

(2023/12/05)

Problem

Legacy ERPs are expensive, hard to customize, and not adaptive

- Wide adoption of "best-of-breed" SaaS tools making it hard to fulfill the original promise of ERP, which is the all-in-one/single-vendor solution. Instead, at-scale companies are looking for modular and easy-to-integrate solutions to lower the risk of the ERP implementation as well as staying agile
- More and more companies are having internal technical capability, and internal engineers want to have more control over ERPs in

Solution

A Headless ERP that fits unique business requirements with unparalleled flexibility and agility

- Tailor and build your bespoke ERP with ease using a headless ERP platform that's completely configurable. Our mission is to empower every company to deploy and execute ideas quickly. Personalize your ERP to match your unique enterprise needs, integrate your existing systems and SaaS products with Tailor, or replace them piece by piece. Tailor is where Simplicity meets Scalability.

HERALBONY Co., Ltd. Profile



- Founded Year: July 2018
- HQ: 4th Floor, HOMEDELUX Building, 2-38 Kaiunbashi-Dori, Morioka City, Iwate Prefecture
- Sector: Consumer Discretionary
- Stage: Pre-Series B
- Representative: Takaya Matsuda, Fumito Matsuda
- Contact: official@heralbony.com
- URL for Inquiries: <https://www.heralbony.jp/contact-list/>
- HP URL: <https://www.heralbony.jp/> (December 8, 2023)

Problem

Transforming societal perceptions of disabilities and fostering a new culture originating from welfare

Through solving the following issues, we create a world that every each one of us can feel valued and respected (Diversity, Equity and Inclusion)

- Tackling 'discrimination and prejudice' against individuals with disabilities: Changing the consciousness of over 80% of the population who hold prejudices and discriminatory views towards disabilities.
- Resolving the 'wage issues' of the people who have disabilities: Increasing the number of artists who can earn a substantial income. (e.g. In Japan average monthly wage yen under the welfare system is 16,118 yen)

Solution

Art Agency for Artists with Intellectual Disabilities

- Create a new culture where welfare and art unites under the mission "Embrace your Uniqueness."
- We operate our lifestyle brand 'HERALBONY', which transforms art into products through licensing agreements mainly with domestically and internationally based artists with intellectual disabilities.
- Focusing on IP business (Art Data), we offer various project proposals to partner companies across content creation, brand management, and production.

Medmain Inc. Profile



- Founded Year: 2018
- HQ: 104, 2-4-5 Akasaka Chuo-ku Fukuoka, 810-0042 Japan
- Sector: Health Care
- Stage: SeriesA
- Representative: Osamu Iizuka
- Contact: info@medmain.com
- HP URL: <https://en.medmain.com>
- 8 December, 2023 (Update date)

Problem

Serious delays and regional disparities in pathological diagnosis due to the shortage of pathologists

There is a worldwide shortage of “pathologist”, who check patients' tissues and cells to determine whether or not they have cancer and what the treatment plans are, resulting in serious delays and large regional disparities in pathological diagnosis.

With PidPort, we aim to solve these problems and create a world where everyone can attain immediate high standard diagnosis, wherever you are.

Solution

PidPort, AI-powered cloud system to assist in digital pathology

PidPort provides diagnostic support and operational efficiency for medical institutions and drug discovery support for pharmaceutical companies and CROs by presenting highly accurate and rapid image analysis results using pathology AI developed by deep learning. PidPort is a product with collaborative functions that supports online diagnosis such as telepathology and conferences, as well as research and development through collaboration between facilities on the cloud.

Yukai Engineering Inc. Profile

・Y・U・K・A・I・
・E・N・G・I・N・E・E・R・I・N・G・

- Founded Year: 2007
- HQ: 16-11 Tomihisa-cho Shinjuku Tokyo
- Sector: Information Technology
- Stage: Series B

- Representative: SHUNSUKE AOKI
- Contact: contact@ux-xu.com
- HP URL: <https://www.ux-xu.com/>

(2023.12.7.)

Problem

Increased stress and anxiety in a digital society

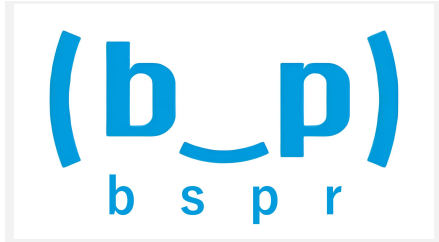
- Due to remote work and the spread of smartphones during the coronavirus pandemic, more and more digital workers are exposed to a large amount of information in front of screens, and anxiety and stress have become major social issues. As a result, there is a growing need for stress management and anti-anxiety products such as breathing techniques and mindfulness.

Solution

Making the world YUKAI with robotics.

- Development and sales of robotics products that improve “Quality of Life”.
- BtoC: Development, manufacturing, and sales of household and communication robots.
- BtoB: Development of other companies' services using our own robots as a platform, joint development, commissioned development, and consulting.

bspr Inc Profile



- Founded Year: 2012
- HQ: Japan, Tokyo, Shibuya-Ku
- Sector: Health Care
- Stage: SeriesA

- Representative: Yosuke Toyama
- Contact: y.toyama@bspr.co.jp
- HP URL: <https://www.bspr.co.jp>

December 10, 2023 (Update date)

Problem

Health maintenance for middle-aged and elderly individuals and their families (dementia and lifestyle-related diseases)

- There are few concrete solutions for dementia prevention.
- There are no preventive solutions to maintain motivation in managing lifestyle-related diseases..
- There are no solutions for families to manage the health of their elderly relatives.

Solution

We are developing health maintenance apps for middle-aged and older adults called "Braincare App," and "Family Health Site" for managing family health.

- The "Braincare App" is an application that has shown promising results in preventing dementia and lifestyle-related diseases.
- By collaborating with many municipalities and integrating the app with a "health points" system, we have succeeded in acquiring a large user base.
- We have developed the "Family Site," which enables monitoring and communication with distant family members.

Osaka Heat Cool Inc Profile



- Founded Year: 2020
- HQ: Osaka
- Sector: Health Care
- Stage: Series Seed

- Representative: Kenzo IBANO
- Contact: info@osaka-heat-cool.com
- HP URL: <https://www.osaka-heat-cool.com>

(Update date)

Problem

Itching

- Unconscious scratching in response to skin itchiness can damage the skin and worsen the condition.
- There are many issues, such as side effects, with steroids and oral medications.
- There is a particular need for solutions for infants and children who cannot resist scratching.

Solution

An itch-relief device based on thermal illusion

- Simultaneously providing warm and cold stimuli can create an illusion similar to pain.
- Development and sales of devices that relieve itching through illusionary stimuli.
- Development of healthcare products, such as devices that simulate menstrual pain, using various tactile stimuli.

TokyoRobotics Inc Profile



- Founded Year: 2015
- HQ: 1-12-15 Suido, Bunkyo-ku, Tokyo
- Sector: Industrials
- Stage: Series A

- Representative: Yoshihiro Sakamoto
- Contact: info@robotics.tokyo
- HP URL: <https://robotics.tokyo/>

(Update date) 2023/12/07

Problem

Labor shortage and increased labor costs

- In some countries where the birthrate is declining and the population is aging, many companies are facing a labor shortage. We solve this issue through automation using robots.
- In some countries where prices are rising, labor costs are also increasing. We reduce labor costs by making robots do simple tasks.
- Robots perform tasks more accurately than humans. Using robots improves the quality of work.

Solution

Advanced robots and solutions with them

- We provide force-controllable full-body humanoids for researchers.
- We provide picking solutions using mobile manipulators for logistics companies.
- We provide remote monitoring solutions using mobile manipulators for data centers.

UTokyo Innovation Platform Co., Ltd. Profile



- Founded Year: 2016
- HQ: Tokyo, Japan
- Sector: Financials
- Stage: N/A

- Representative: Kosuke Ueda
- Contact: info2@utokyo-ipc.co.jp
- HP URL: <https://www.utokyo-ipc.co.jp/en/>
(Update date Dec. 7th 2023)

Problem

There are existing inadequacies in the support environment for university-affiliated startups in Japan.

- Investment Requirements: University-affiliated startups often require larger sums of investment over extended periods, compared to other startups.
- Business Value Creation and Growth Assistance: These startups need specialized knowledge and substantial financial resources.
- Talent Acquisition and Support: Persistent staffing shortages pose significant challenges in team formation and expansion.

Solution

Expansion of the Innovation Ecosystem Surrounding Japanese Universities, Including the University of Tokyo

- Investment: Manage two funds, the IPC1 Fund and the AOI1 Fund, with a fund duration of 15 years and a total scale of 50 billion yen.
- Incubation: Operate a non-equity startup support program called "1stRound," co-hosted by over 13 domestic universities, with more than 24 major domestic companies serving as partners.
- Talent Support: Run the talent platform "DEEPTech DIVE," supporting the career paths of researchers, engineers, business executives, and experienced professionals in the deep tech sector. Additionally, support the participation of undergraduate and graduate students in startup internships.