



## J-Startup

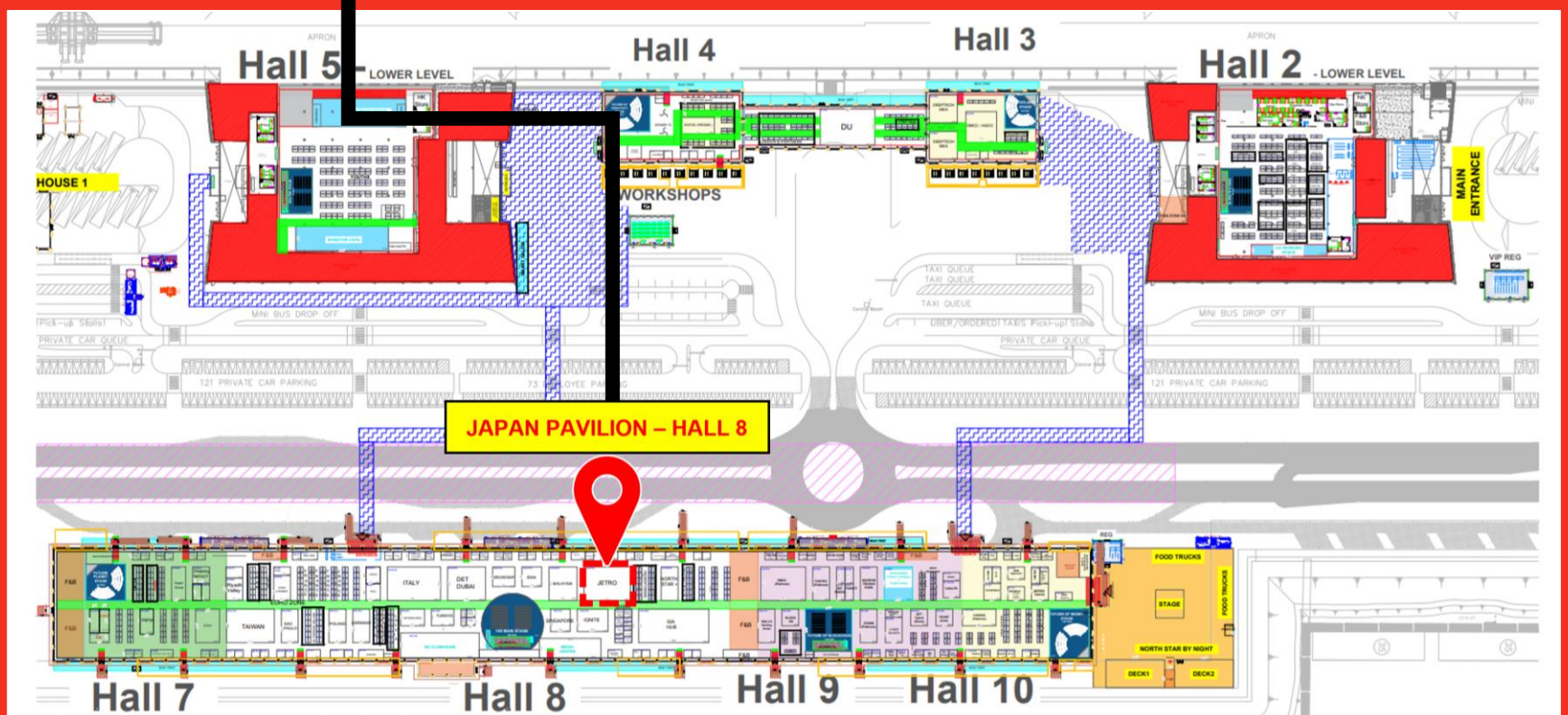
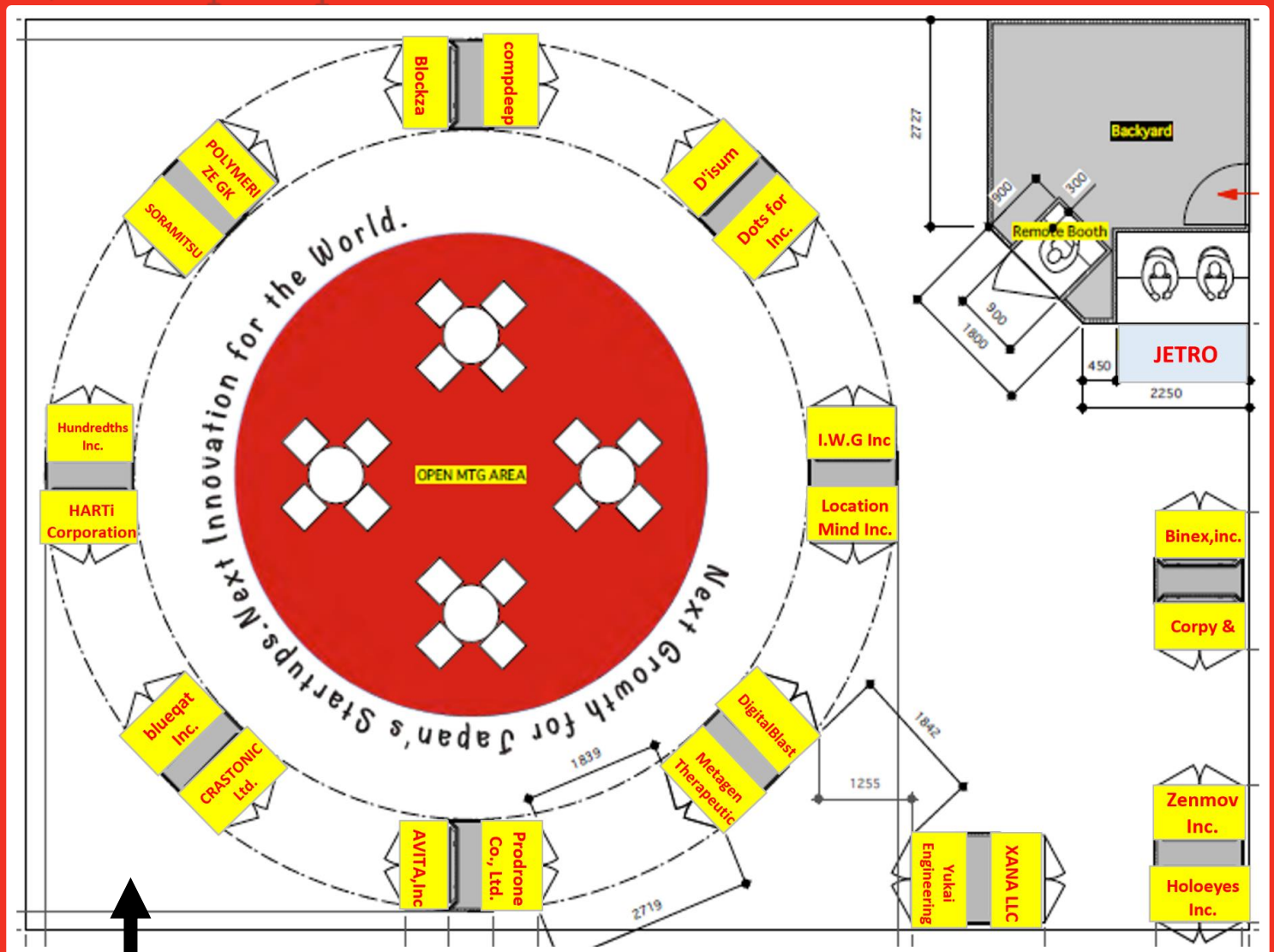
Next Growth for Japan's Startups.  
Next Innovation for the World.

# JAPAN



**13-16 OCT 2024 | DUBAI HARBOUR**  
**[ HALL 8 ]**

# JAPAN PAVILION



FLOOR MAP



# J-Startup

## J-Startup Program:

In 2018, the Japan Ministry of Economy, Trade, and Industry (METI) launched a new initiative program to cultivate the brightest of Japan's startups to succeed in the world market, the **J-Startup Program**. Recommenders from leading business communities determine and select from over 10,000+ Japanese startups to join the program.

## **JETRO together with the private & public sector provide the following support to selected startups:**

- ☐ providing business space and granting fee preferential treatment
- ☐ professional mentorships from leading companies
- ☐ collaboration opportunities with large companies and welcoming startups on overseas missions led by ministers and other government officials
- ☐ assisting in exhibiting at large-scale overseas and domestic events
- ☐ companies of the J-Startup program will be assisted in entering the overseas market through the Startup Tour and JETRO Global Acceleration Hub.





**Japan External Trade Organization**

**JETRO**, or the **Japan External Trade Organization**, is a government-related organization that works to promote mutual trade and investment between Japan and the rest of the world.

As part of its activities, JETRO has launched a team to connect start-ups, corporations, and VCs/CVCs to solve social issues in Japan and to grow the start-up innovation ecosystem. Since 2013, JETRO has helped thousands of Japanese start-ups scale globally. JETRO support 700+ Japanese start-ups per year through its 15 different acceleration programs, and 3,000+ through mentoring.

As of April 2024, JETRO has a total of 49 regional offices in Japan and 75 overseas offices in 55 countries.



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# INDEX BY CATEGORY

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## ❖ AI & Machine Learning:

- 1 **blueqat Inc.** – SaaS cloud services for Machine Learning and Quantum Computing applications
- 2 **Corpy & Co., Inc.** – CONFIDE for Factory & Warehouse AI Solutions
- 3 **Blockza (Daiki Co., Ltd.)** – Japan First Decentralized Media AI-Powered
- 4 **Polymerize GK** – cloud-based material informatics platform

## ❖ Auto Tech:

- 5 **Hundredths Inc.** – future mobility

## ❖ Big Data & Analytics:

- 6 **D'isum Inc.** – SAS'Eye Sleep Apnea Syndrome (SAS) detector
- 7 **LocationMind Inc.** – human flow mobile big data analysis

## ❖ Enterprise Software Solutions:

- 8 **Avita Inc.** – Digital Transformation services utilizing avatars and generative AI
- 9 **SORAMITSU** – “Bakong” central bank digital currency
- 10 **Zenmov Inc.** – SMOC (Smart Mobility Operation Cloud)

## ❖ Environment, Energy & Clean Tech:

- 11 **BINEX Inc.** – Binex Sorghum to make a Greener Future

# INDEX BY CATEGORY

---

## ❖ Gaming, VR/AR, Web3:

12

**compdeep** – NFT Marketplace Gaming Platform

13

**CRASTONIC Ltd.** – Web3 & AI Product Creators Drive Innovation

14

**XANA LLC** – UGC XR Platform

## ❖ Hardware & IoT:

15

**Prodrone Co., Ltd.** – drone manufacturer

## ❖ Lifestyle & Entertainment:

16

**HARTi Co., Ltd.** – HARTi Photo® – IoT photo booth

17

**Yukai Engineering Inc.** – lifestyle robots

## ❖ Medtech & Pharma:

18

**DigitalBlast Inc.** – space experimental equipment

19

**Holoeyes Inc.** – optimizing medicine through spatial computing

20

**I.W.G Inc.** – “DoCloud” medical collaboration platform

21

**Metagen Therapeutics, Inc.** – fecal microbiota transplantation (FMT)

## ❖ Telecommunication & Utilities:

22

**Dots for Inc.** – distributed wireless network technology



# blueqat Inc.

SaaS cloud services for Machine Learning and Quantum Computing applications

## TECHNOLOGY PROFILE:

blueqat Inc. specializes in integrating quantum computing with advanced AI and machine learning technologies. The company provides **SaaS Cloud Services and Contract Consulting** for AI applications, catering to both quantum and conventional computing needs. Their cloud infrastructure, equipped with **NVIDIA GPUs** and **quantum computing tools**, is designed to be scalable and accessible for various business applications.

### Core Offerings:

#### 1. Quantum & Machine Learning Cloud Service

A comprehensive cloud service that combines quantum computing and AI capabilities, utilizing NVIDIA's GPUs and cuQuantum. It supports application development and research for businesses requiring high-performance computing.

#### 2. LLM+RAG System

A managed service that leverages large language models (LLMs) and retrieval-augmented generation (RAG), allowing businesses to implement custom AI solutions without requiring technical expertise.

#### 3. SaaS Cloud Services

Blueqat offers basic and fully managed cloud services, including:

- Quantum Computer & Machine Learning Cloud Service
- External Quantum Computer Connection Service
- RAG Cloud Service
- Ad Optimization Cloud Service

#### 4. Contract Consulting

Tailored consulting services to help businesses integrate quantum computing and machine learning into their operations.

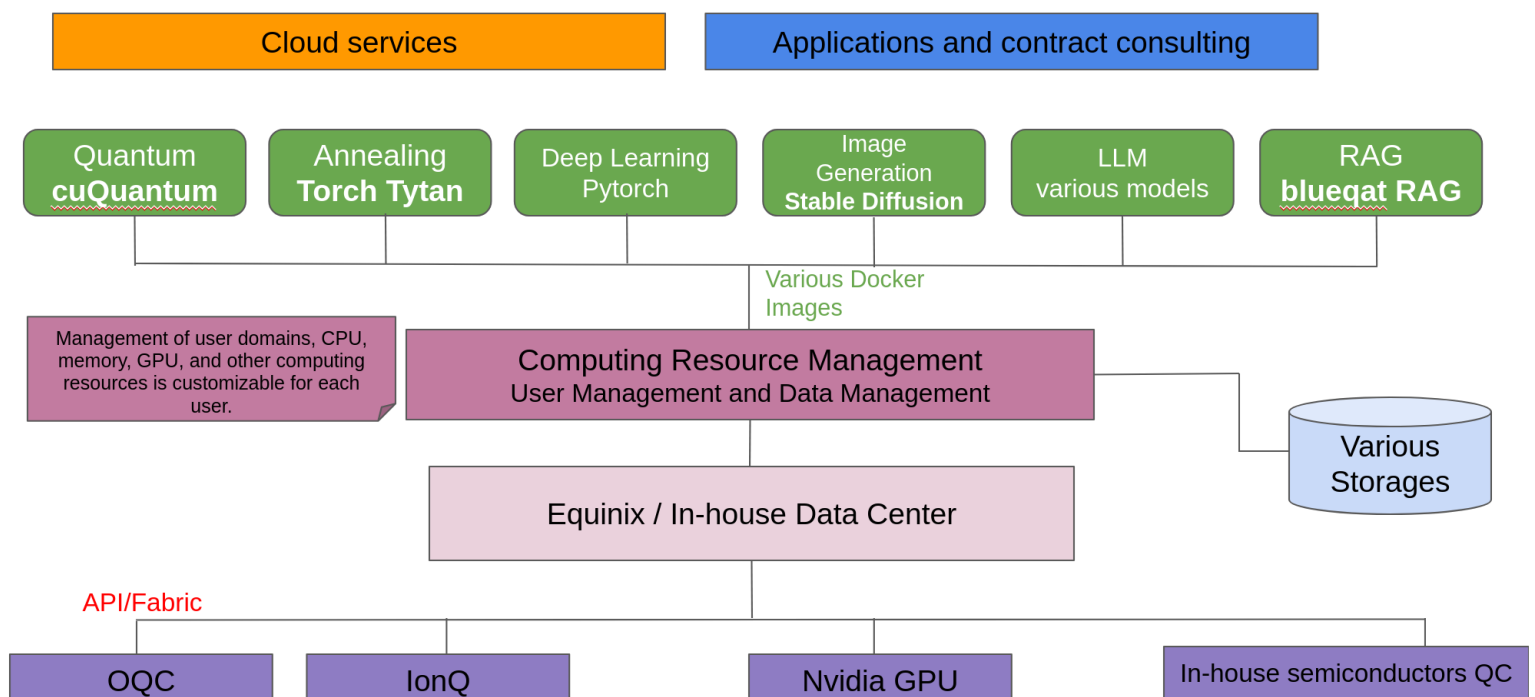
Blueqat Inc. combines cutting-edge technology with a focus on practical AI solutions, making advanced computing accessible to businesses of all sizes.



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## Quantum & AI Cloud Services

blueqat



blueqat

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# Corpy & Co., Inc.

CONFIDE for Factory & Warehouse AI Solutions

## TECHNOLOGY PROFILE:

Corpy is an AI startup originating from the University of Tokyo and the French research institute Inria. We are developing dependable AI solutions for mission-critical domains such as manufacturing, mobility, logistics, and healthcare, based on our vision of "realizing mission-critical AI."

We develop dependable AI solutions for mission-critical domains like manufacturing, mobility, logistics, and healthcare, driven by our vision of "realizing mission-critical AI." We focus on AI explainability and quality assurance, essential for real-world applications, using XAI (eXplainable AI) and QAAI (Quality Assurance for AI) technologies. Our comprehensive algorithms enhance AI explainability and verify robustness in real-world environments. In manufacturing, we offer "CONFIDE for Factory & Warehouse," covering data collection, generation, annotation, AI modeling, deployment, operation, and monitoring. Applications include visual inspection, workflow analysis, anomaly detection, failure prediction, and process optimization. We collaborate with top-tier companies across various industries.



**Contact:** yamamoto@corpy.co.jp (Kohei Yamamoto)

## Our Business



### CONFIDE

AI Quality control platform, "CONFIDE" which utilises Explainable Artificial Intelligence (XAI) and Quality-Assurable AI (QAAI).



### Manufacturing

We provide CONFIDE for Factory to solve problems in manufacturing industries with AI.



### Healthcare

R&D of medical decision support system for accurate diagnosis and detection of lesions from CT and MRI.



### Mobility

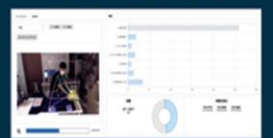
R&D of autonomous-driving cars with car-mounted cameras, multimodal learning, and data augmentation system.

## CONFIDE for Manufacturing/Logistics:

### Visual Inspection



### Workflow Analysis



### Anomaly Detection & Failure Prediction



### Manufacturing Line Optimization



Realise the optimization of manufacturing lines and the stabilization of quality.

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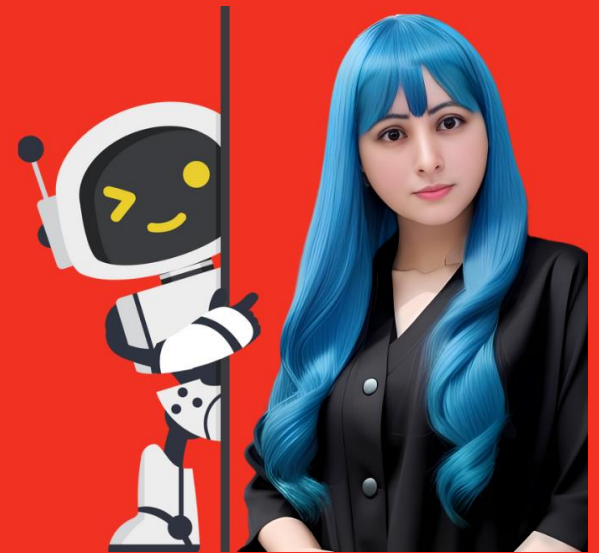
# Blockza (Daiki Co. Ltd.)

Japan First Decentralized Media AI-Powered

## TECHNOLOGY PROFILE:

**BlockZA is the first decentralized media platform built on the ICP blockchain, revolutionizing the creation, ownership, and monetization of journalistic content. Our proprietary AI system, The Avatar, simplifies the complexities of the crypto and blockchain markets, providing users with quick and easy access to essential information and educational resources.**

**BlockZA empowers content creators with full ownership of their work, ensuring transparency and fair compensation, free from the risk of censorship. The Avatar offers personalized interactions, breaking down complex topics into easily understandable insights, making it simple for users of all experience levels to stay informed. Moreover, BlockZA fosters innovation by providing a platform for emerging projects to gain visibility and thrive within the Web3 community.**



**Contact:** support@blockza.io

### Community-Driven Editorial Approach

AI chatbot support through a 'Read-to-Earn'



### Decentralized Journalism

community-driven media, rewarding readers for active engagement and participation.



### Decentralized Media

Blockza offers a unique, unbiased space for decentralized news, in-depth analysis, and information specifically curated for the Web3 community, blockchain enthusiasts, and tech innovators.



### Reader Rewards

Empowering users to earn rewards by engaging with high-quality content, promoting active learning and participation, and transforming the traditional media consumption model into an interactive experience.



### Web3 Integration

Seamlessly connects media with blockchain projects, communities, and innovators, providing enhanced visibility, networking opportunities, and support for the growth and adoption of emerging Web3 technologies.



### AI-Powered Access

Utilizes advanced AI technology to offer users efficient, user-friendly access to a vast repository of curated Web3 resources, real-time project updates, and expert insights, ensuring they stay informed and ahead in the rapidly evolving blockchain space.

Stay ahead with **unbiased** Web3 news, earn rewards up to 10x for engagement, access exclusive content from **1,000+ projects**, and join a decentralized **media revolution**.

### Reason to Join

**Transparency**  
(100% Unbiased)

**Rewards (Up to 10x)**

**Access (1,000+ Projects)**

**Community**  
(5000+ Members)



**Pioneering the New Era of Journalism**  
Powered by AI

Forbes  
Business  
Council



WhatsApp



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www.blockza.io

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# Polymerize GK

Cloud-based material informatics platform

## TECHNOLOGY PROFILE:

Polymerize provides a cloud-based **Material Informatics** platform to chemicals and materials companies, bringing digital transformation and AI driven innovation to their day-to-day R&D. The platform utilizes process and chemistry-specific knowledge, making AI possible to give predictions with high accuracy even in small and scattered data sets.

**Material informatics** is the data-centric approach to accelerating innovation and product development by using various informatics methods (information science) such as statistical analysis, experimental design, computational science, and artificial intelligence.

## Our Products:

- ❖ **Polymerize Labs** is a cloud-based material informatics and data management platform that helps R&D teams in material companies efficiently manage their experimental data, get the AI-recommended formulations, and material properties, and reduce their overall R&D costs while accelerating their go-to-market. Our product has proven to expedite formulation development by 3 times while saving more than 40% on R&D costs.
- ❖ **Polymerize Connect**, you can centralise your experiment data and utilise them. Bring all your datasets into a single for all your project management needs and workflows.

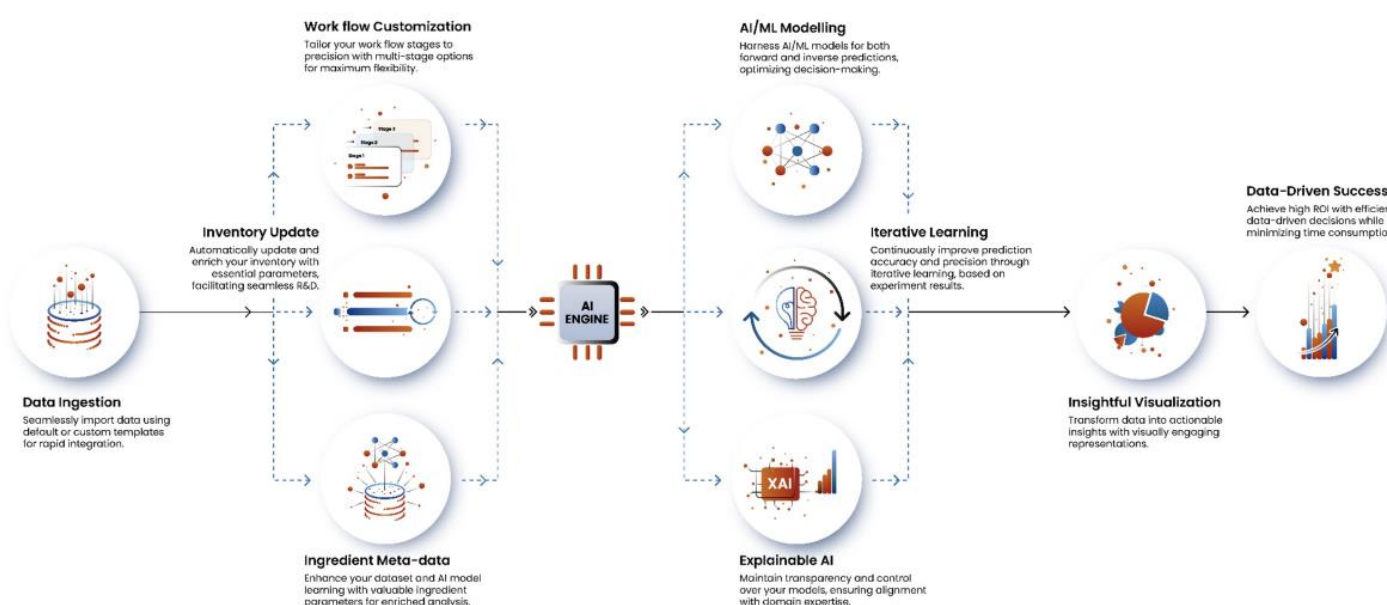


**Contact:** anri.uozumi@polymerize.io (Anri Uozumi)



**Polymerize Labs**

is a cloud-based material informatics platform that streamlines R&D processes, accelerates formulation development, and enhances data security.



**Polymerize**

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# Hundredths Inc.

Future Mobility

## TECHNOLOGY PROFILE:

Hundredths Inc. is committed to the growing market for communities and people in need of micro-mobility. We can also build a system which will allow the use of multiple vehicles per person (including the business use) in growing markets.

“ebesah” brand of micro-mobility focuses on people's desire to be free, analyzes the fears and anxieties that hinder that enthusiasm, and challenges people to create an environment in which they can move freely around the world like electrons.

We support providing safe, secure and healthy lives for everyone through our micro-mobilities even going beyond the earth!



**Contact:** keita.hasebe@hundredths.love (Keita Hasebe)

### ❖ Provide the Micro Mobilities for mobility refugees.



Those who use the public transportation.



Those who use the cars.




Those who use the senior carts.

**Keywords**  
#Regional revitalization  
#specified small mobility

**Max Speed:**  
6 or 20km/h

Specified small moped-type safe mobility for people with mobility refugees.

### ❖ Conducting MMaaS: MicroMobility as a Service



Electric Micro Mobility  
x  
Wireless charging station  
x  
Autonomous shuttle and relocation system

**Semi autonomous driving**  
(Communication with generative AI )



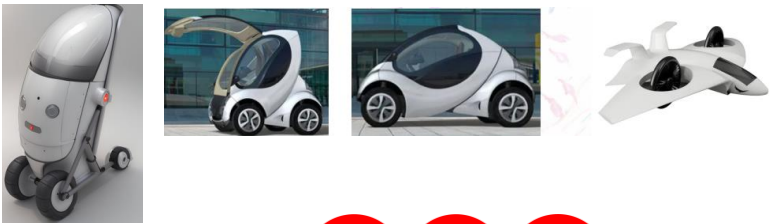
### ❖ Conducting MMaR: Micro Mobility as a Room





We shall move more like nomads without borders!

❖**AEM (Advanced Ellipsoidal Mobility):** In the future, we will release the micro mobility which is a capsule shape and replace the parts depending on the needs and distance to travel.



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# D'isum Inc.

## SAS'Eye – Sleep Apnea Syndrome (SAS) detector

### TECHNOLOGY PROFILE:

We are a company that provides technology to free people around the world from all kinds of risks. We are providing cloud-based healthcare and failure prediction services based on AI and Big Data Analytics to detect early signs of machine failures and diseases that cannot be captured by the human eyes, and support measures and preventive actions to avoid serious accidents and diseases before they happen. With this technology, we contribute to the eradication of serious machine failures and diseases.

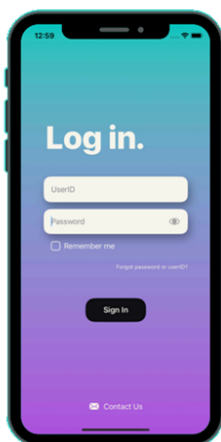
SAS'Eye is a smartphone-based solution to detect Sleep Apnea Syndrome (SAS). We apply our original algorithms to analyze the breathing sound that the user recorded during their sleep and uploaded to the cloud. Shortly after the upload, the user can receive their SAS index, which represents the number of apnea/hypopnea events per hour, and they can also track their SAS level and visualize their SAS risk in comparison to their peers. This solution is targeted for B2B, for drivers in transportation and logistics companies, since they are the most at risk for traffic accidents due to poor quality of sleep, as well as to B2C, those who are suspecting they have SAS or any general consumer, both in Japan, and overseas.



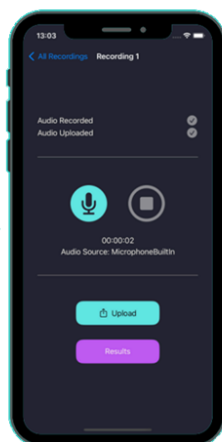
**Contact:** kyota.narimatsu@d-isum.net (Kyota Narimatsu)

### SAS'Eye

a smartphone-based solution  
using breathing sound during sleep



(1) Log in



(2) Record your  
breathing



(3) Upload your data and  
visualize your SAS risk

- ✓ anytime
- ✓ anywhere
- ✓ easy
- ✓ low cost  
15\$/year



VISUALIZE THE RISK!  
**d'isum**

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# LocationMind Inc.

Human flow mobile big data analysis

## TECHNOLOGY PROFILE:

LocationMind is a technology venture of Shibasaki laboratory of the University of Tokyo, which has been conducting research at the forefront of spatial information engineering and is also a group of engineers with a wide range of advanced technology sets related to location information.

### Location-based AI Business

We provide analysis, dashboard development, and consulting using a variety of location data, including mobile GPS data, automobile probe data, Wi-Fi sensors, and cameras, to provide location-based solutions to issues faced by our clients.

### Signal Certification Business

Anti-Fraud technology prevents malicious marketing and social engineering and provides next-generation satellite technology for safe and secure positioning. We protect the trust of the digital society by ensuring the reliability of location information.



**Contact:** mariko@locationmind.com (Sara Mariko Shibasaki)

## Examples of LocationMind xPop data outputs

### People Density



Most basic data of what population looks like in a particular time and place.

### People Movement



Where do people come from, and where did they go.

### Transport Mode



Movement data by transport modes like cars, trains, flights, and even walking.

### Infection Risk



Analyze the risk of movement and its relation to infection increase risk.



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# AVITA Inc.

Digital Transformation services utilizing avatars and generative AI

## TECHNOLOGY PROFILE:

AVITA Inc. is a startup in Japan recognized one of the "Top 100 Startups in Japan".

Its CEO, Prof. Hiroshi Ishiguro, received "Dubai Sheikh Mohammed Bin Rashid Al Maktoum Knowledge Award" and he is a renowned robotics researcher. He has created many androids (human-like robots) for 25 years. AVITA Inc. develops and provides services utilizing avatars, especially digital humans and Virtual YouTubers, and generative AI. These services can be applied in various sectors such as grocery stores, hotels, airports, office receptions, events, banks and insurance companies for the purpose of driving digital transformation and employee education. We are looking for business partners and VCs in Dubai.

## Our Services :

"AVACOM" is an avatar customer support system. It can be used both on-site and website. It not only provides cost reduction in staffing cost but can also increase sales by utilizing generative AI.

"AvaTre" provides an interactive training experience for jobs that require customer interaction, such as customer service and sales, by utilizing AI avatars to interact with the trainee and generate critical feedback. This helps trainees acquire professional customer interaction skills in a short amount of time.



**Contact:** contact@avita.co.jp (Shogo Nishiguchi)

## Digital Transformation(DX) services utilizing avatars and generative AI.

### ① AVACOM®

A DX tool for customer service that streamlines both onsite and web-based interactions, offering remote customer service by staff and AI support.



Acquisition

Accuracy improvement

Data / Knowledge

Dialogue data

Work/Training Data

25+ years of research and proven knowledge

98+ patents

Accuracy improvement

Acquisition

Application

### ② AvaTre®

A DX tool for education designed to effectively and efficiently train staff in customer service and business negotiations.



We leverage over 25 years of industry-leading research, expertise, and data to support DX projects that ensure a positive Return on Investment.



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# SORAMITSU

“Bakong” – central bank digital currency

## TECHNOLOGY PROFILE:

SORAMITSU is an award-winning global financial technology company with expertise in developing blockchain-based solutions for digital asset and identity management with a mission to use blockchain to promote innovation and solve pressing societal challenges. From the creation of domestic and cross-border payment systems, to the development of cutting edge DeFi applications, SORAMITSU creates the next-generation of fintech.

Bakong: A collaboration between SORAMITSU and the National Bank of Cambodia, Bakong is not only a retail central bank digital currency (CBDC), but also a comprehensive digital asset platform, allowing both retail and wholesale transactions and a variety of assets to be managed on the same system. Bakong promotes financial inclusion through friendly, yet powerful, iOS and Android apps. Using the Hyperledger Iroha blockchain framework allows for real-time gross domestic and cross-border payments between any and all account holders on a single platform.

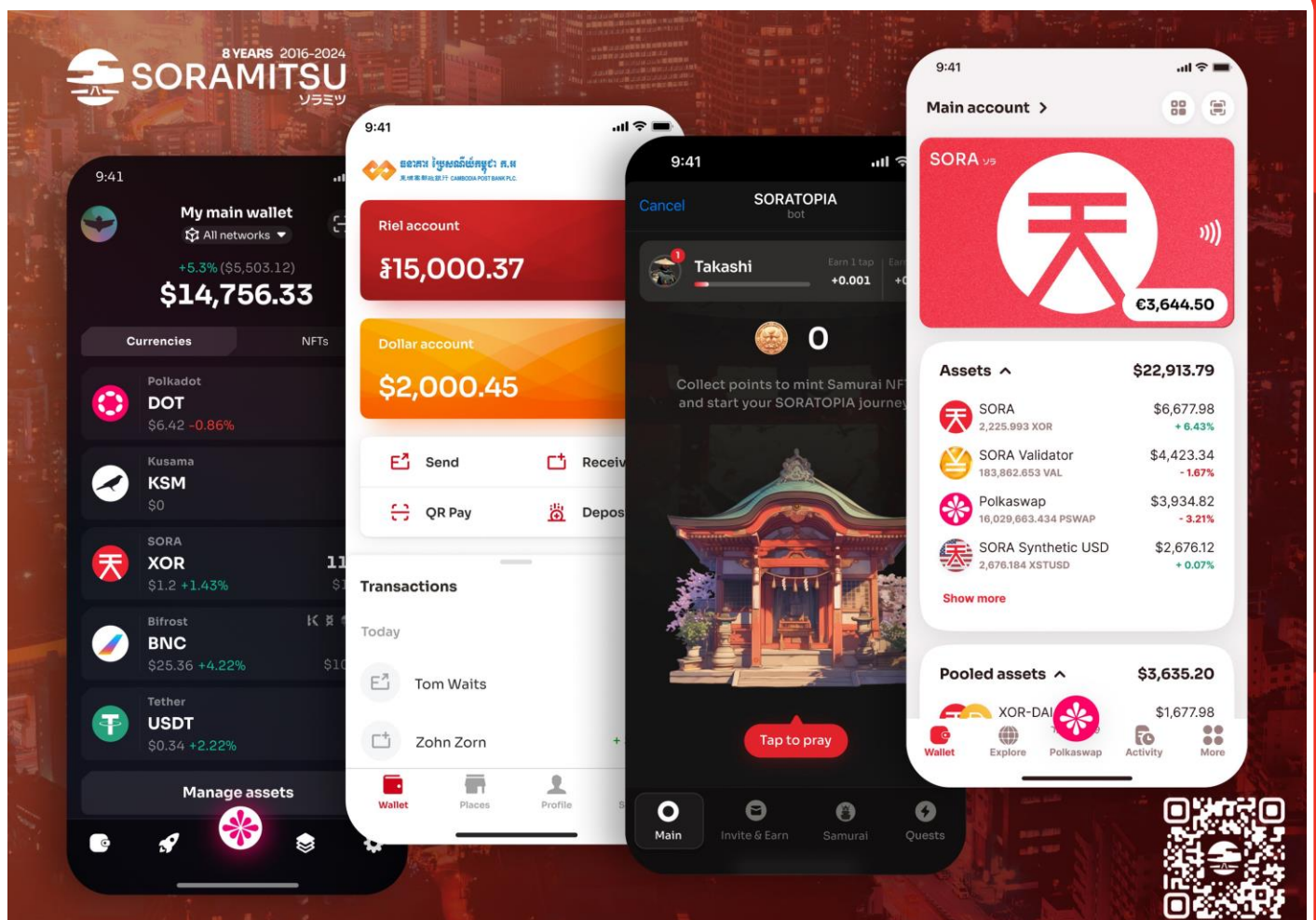
Moving beyond Bakong, SORAMITSU has done or is doing proof-of-concept tests with the central banks of Laos, Solomon Islands, and Papua New Guinea, sponsored by the Government of Japan, with the system in Papua New Guinea being the first test of the Hyperledger Iroha v2-based SORA v3 Hub Chain.



**Contact:** takemiya@soramitsu.co.jp (Makoto Takemiya)



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# Zenmov Inc.

SMOC (Smart Mobility Operation Cloud)

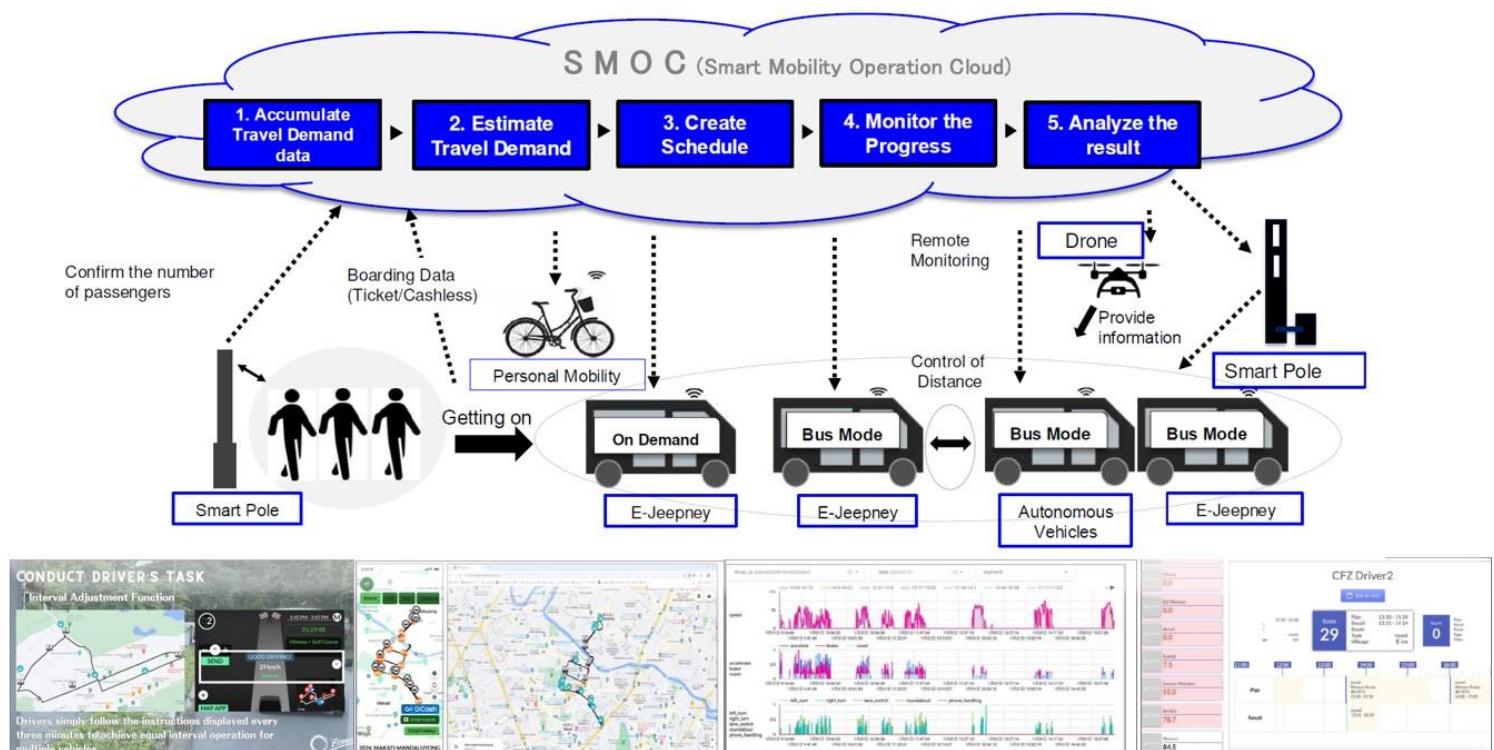
## TECHNOLOGY PROFILE:

SMOC is a comprehensive software solution that integrates fleet and operations management, AI-driven scheduling, real-time tracking, on-demand dispatching, and multimodal integration to optimize urban transport. It enables efficient coordination of buses, private cars, autonomous vehicles, and more, improving service delivery through data analytics and dedicated apps for users and drivers. With active projects in Japan, the Philippines, Brunei, Mozambique, and Canada, Zenmov forged strong relationships with strategic partners across public, private and academic sectors. This emphasizes and demonstrates our commitment to becoming a vital part of global urban infrastructure, addressing urban transportation challenges with scalable, AI-driven solutions that enhance efficiency and user experience.

### Our solution, significantly improves mobility efficiency

- Productivity Improvement of existing mobility
- Increase Productivity per vehicle
- Efficient usage for number of vehicles.
- Improve congestions and long waiting time

 **Contact:** [info@zenmov.com](mailto:info@zenmov.com)



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# BINEX Inc.

Binex Sorghum to make a Greener Future

## TECHNOLOGY PROFILE:

Binex develops high-yield sorghum to provide solutions to the critical issues facing humanity (food, energy, and environment).

Grains are used as food, and stovers are used in a cascade to provide clean energy such as bio-pellets to replace coal, bio-ethanol and bio-methanol to replace petroleum.

### Advantages:

- ❖ Our company possesses high-yield sorghum seeds and cultivation know-how based on data from around the world.
- ❖ Already propagated high-yield F1 sorghum seeds for 10,000 hectares ready for large-scale cultivation.
- ❖ Working on sorghum cultivation, pellets, and ethanol production projects in Thailand, Indonesia, and Australia with major automobile manufacturers and trading companies, including Nissan and Sumitomo Corporation.



**Contact:** h-aoki@binex.jp (Hiromichi Aoki)

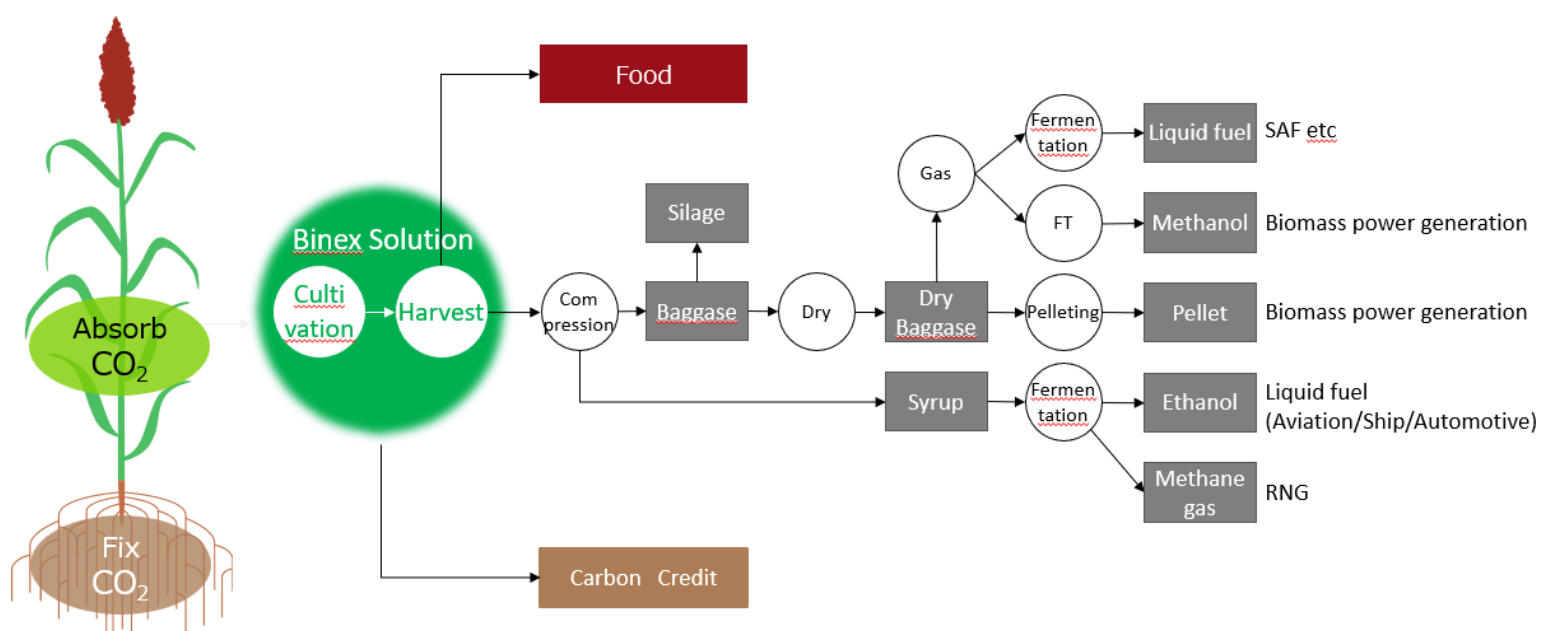
Solution



### Cultivate and supply sorghum for a variety of uses in large quantities and in a stable manner

Binex uses the grain for food, and then the residue is used for multiple purposes (= cascade use).

Roots absorb and fix a large amount of CO<sub>2</sub>



**binex**

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# compdeep

NFT Marketplace Gaming Platform

## TECHNOLOGY PROFILE:

We are the creators of the ShinoVi.io NFT marketplace in Japan, to advance we are launching a powerful one stop web3 gaming platform and browser-based game engine. In partnership with Avalanche Blockchain we will kickstart this adventure with an epic open world fantasy game, all playable directly from the web browser. The game enables visitors to historical sites like temples to purchase real memorabilia that unlock exclusive in-game NFTs, promoting tourism and heritage.

Beyond ShinoVi, we have a vast network of connections, bridging traditional partners, such as NTT into this new world. Led by a former Google engineer, we are poised to lead in the space. We are excited to share our story with you !



**Contact:** sayaka@compdeep.com (Sayaka Shiotani)



Web3 Game Engine  
& Marketplace

Powered by  
Avalanche



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# CRASTONIC Ltd.

Web3 & AI Product Creators Drive Innovation

## TECHNOLOGY PROFILE:

CRASTONIC blends Web3, AI, and XR technologies to create innovative and engaging digital solutions. We integrate creativity and gamification to drive user engagement and ensure sustainable, profitable growth.

**Web3 Service Development:** We develop tailored blockchain applications that seamlessly integrate with your existing legacy assets. Our Web3 solutions simplify user onboarding and enhance your digital infrastructure.

**AI + Metaverse Development:** We craft interactive experiences using Generative AI, LLMs, and Metaverse. Our solutions transform challenges into fun, gamified experiences that engage and retain users.

**Product & Business Consulting:** Our experts provide strategic product enhancements, diverse business models, and effective monetization strategies for sustainable growth. We offer full-cycle development from ideation and UI/UX design to implementation, supporting both new Web3/AI launches and Web2 conversions.



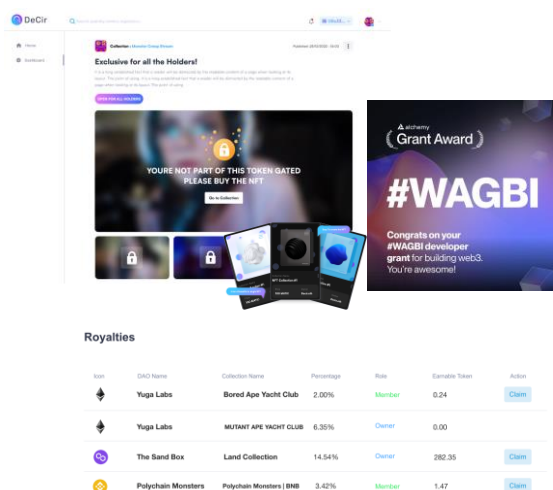
**Contact:** [tasuku.matsukura@crastonic.com](mailto:tasuku.matsukura@crastonic.com) (Tasuku Matsukura)

## Create a World Full of Creativity

- Empowering Innovation with the Blend of Emerging Tech & Gamification

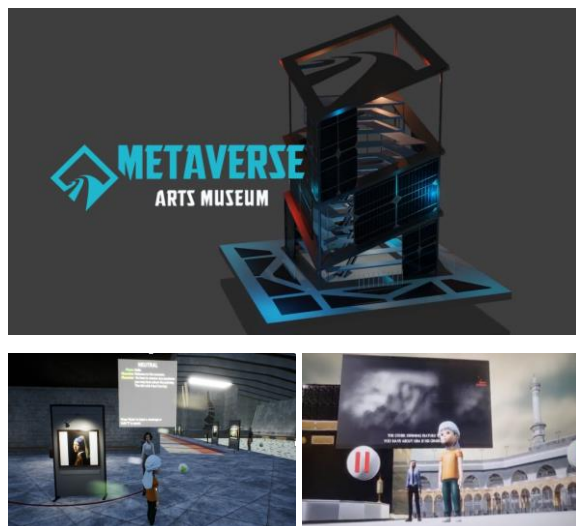
### Portfolio #1: NFT Membership Club Creation Platform

Create NFT-gated membership clubs only accessible to holders



### Portfolio #2: Educational AI Metaverse

Educational Metaverse using LLM-based interactive AI avatars



### Portfolio #3: AI Audio Blog

Creating dual audio and text blogs via AI voice recognition



# XANA LLC

UGC XR Platform

## TECHNOLOGY PROFILE:

Where Billion Dreams Meet Reality.

XANA is a UGC XR Platform, empowering billions to engage in a seamless Web3.0 cross-reality economy.

Trusted by over 100 major institutions, local governments, global brands, and top IPs.



**Contact:** sales.jp@noborderz.com (Rio Takeshi Kubo)



XANA

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# Prodrone Co., Ltd.

Drone manufacturer

## TECHNOLOGY PROFILE:

Prodrone is a world-leading developer and manufacturer of unmanned aerial vehicles in Japan. The company's compact yet powerful professional UAVs include PDH-GS120, a single-rotor stable drone, and PD6B-Type3, a delivery drone.

### Logistics: PD6B-Type3 (a multi-copter with a maximum payload of 20 kg)

- Delivering emergency supplies
- Delivery of goods to remote islands, mountainous areas, etc.
- Medical Supply Delivery

### Inspection Surveillance: PDH-GS120 (a helicopter-type drone that can fly for two hours and has excellent weather resistance.)

- Airport runway inspection
- Infrastructure equipment inspection
- Disaster recovery inspection

### Surveying: PRODRONE SCAN

- Land surveying
- Night-time surveying



**Contact:** kawakami@prodrone.com (Aya Kawakami)



Inspection drone



Logistic drone



Logistic drone



**PRODRONE**

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# HARTi Co., Ltd.

HARTi Photo® - IoT photo booth

## TECHNOLOGY PROFILE:


HARTi Photo® is an IoT photo booth with the concept of a "next-generation smart photo booth," with all units networked. We aim to be a media platform that distributes Japanese IP content globally.

HARTi Photo® is an app-linked self-photo booth that focuses on expressing natural charm rather than processing and correction. It offers a more interactive experience than ever before with the "Moments" function, which allows users to receive limited-edition frames and videos from artist collaborations and other sources.


All HARTi Photo® enclosures are managed 24 hours a day via a network and can be easily installed and operated using only available space with power supply. In addition to the content provided by HARTi, limited edition frames for each promotion or event and CRM measures (coupons, messages, etc.) can be implemented through the HARTi app, making it very effective for OMO (real and virtual) realization, digital marketing, and other sales promotion activities.



**Contact:** yuya.yoshida@harti.tokyo (Yuya Yoshida)



HARTi Photo HARTi Photo



**Unique IP Collaborations**

HARTi Photo® offers limited-edition frames and films created in collaboration with artists and IP partners. We are planning to utilize NFT too.

**Capturing Natural Charm**

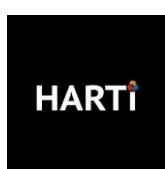
HARTi Photo® focuses on capturing natural charm rather than processing or retouching, providing a next-generation smart printing experience.

## HARTi Photo®

### AI-Powered Smart Photo Booth



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# Yukai Engineering Inc.

Lifestyle robots

## TECHNOLOGY PROFILE:

Yukai Engineering is a robotics startup that develops and sells products that make the world a more "yukai" (joyful) place. Yukai Engineering's products include Qoobo, a therapeutic robot cushion with a wagging tail, Next-generation products BOCCO emo, the ultimate emotional communication robot.

With the adorable motion, AMAGAMI HAM HAM and Qoobo provide emotional support by giving a pet-like presence at home. BOCCO emo is a family communication robot that can bridge the communication between you and an elderly family member living in the distance by sending and receiving messages and reading them out loud like you are in the same room. BOCCO emo sensors help you monitor the environmental information of where BOCCO emo is located, such as temperature, door lock, movement in the room, and more.



**Contact:** [contact\\_en@ux-xu.com](mailto:contact_en@ux-xu.com) (Shunsuke Aoki)



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# DigitalBlast Inc.

Space experimental equipment

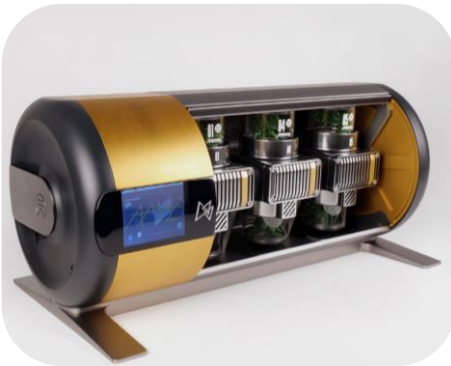
## TECHNOLOGY PROFILE:

We are creating experimental equipment that enables the execution of plant experiments, cell cultures, protein crystallization, and three-dimensional cultures, aiming to cater to the wide-ranging demands of life science experiments conducted in space.

- On-orbit R&D/manufacturing platform for research and development, materials development, drug discovery, and manufacturing in Earth's orbit.
- It is known that efficient and high-quality materials and drug discovery research, bio-printed organs, fiber optic cables, and semiconductor manufacturing can be performed on orbit, where gravity is not a constraint and phenomena such as natural convection and precipitation can be eliminated.
- We provide on-orbit services to experiment with these. We are also developing/promoting human habitable environments on the Moon and Mars (terraforming projects).



**Contact:** y.onoguchi.e3@digitalblast-c.co.jp (Yuichi Onoguchi)

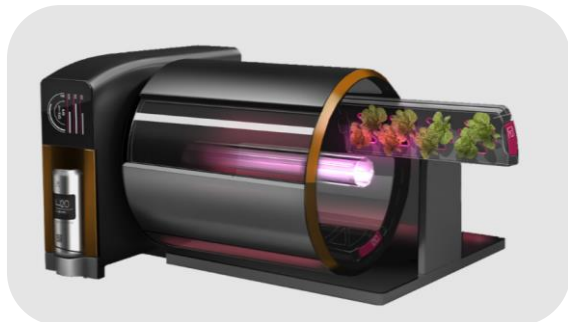


### Plant Science Experiment

AMAZ is adept at executing small-scale plant science experiments involving moss and yeast in various gravitational conditions, including microgravity, partial gravity (1/6G or 1/3G), and normal gravity (1G). This capability allows for the concurrent execution of experiments in these distinct gravitational scenarios, yielding essential data on the gravitropic responses of plants in diverse gravity environments.



 **DigitalBlast**



### Plant Cultivation Experiment

TAMAki specializes in plant science experiments; this setup can conduct simultaneous experiments in microgravity, partial gravity, and 1G environments, focusing on leafy greens and root vegetables like tomatoes and lettuce under microgravity conditions.



### Cell Culture Experiment

AMAZ Alpha specializes in cell culture under microgravity and can conduct simultaneous experiments in  $\mu$ G, Partial-G, and 1G gravity environments.

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# Holoeyes Inc.

Optimizing medicine through spatial computing

## TECHNOLOGY PROFILE:

Holoeyes is virtual reality software that dramatically enhances medical treatments, procedure planning and education.

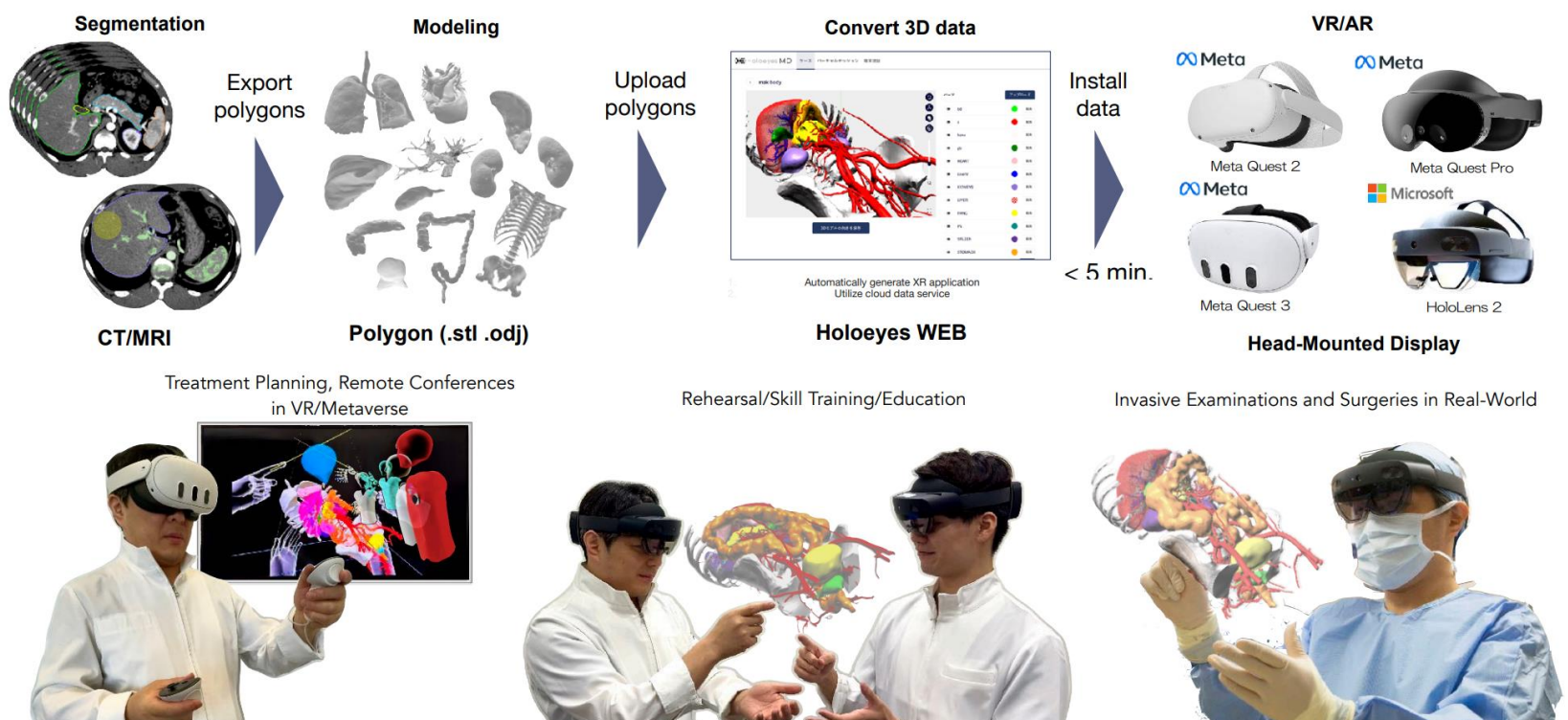
Holoeyes Inc. assists surgical innovation and optimizes healthcare through spatial computing technology.

Holoeyes Inc. revolutionizes medical imaging and surgical navigation with VR solutions. Our flagship product, Holoeyes MD virtualizes patient anatomy, providing a 3D view during surgery, enhancing surgeons' understanding and surgical accuracy. Our cloud service quickly converts CT and MRI images into VR in 5 minutes, enabling remote sharing in the metaverse for consultations and conferences.

Holoeyes MD, a certified medical device, has been adopted by over 70 medical facilities globally, including in Europe, the Americas, MENA, and Asia, supporting over 5,000 cases. We also offer a platform for creating and distributing VR educational content for medical training. By improving communication and workflow, Holoeyes bridges the gap in tacit medical knowledge.



**Contact:** sgmt@holoeyes.jp (Maki Sugimoto)



Holoeyes

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# I.W.G Inc.

“DoCloud” medical collaboration platform

## TECHNOLOGY PROFILE:

DOCloud is a cutting-edge cloud platform designed to streamline and secure medical collaboration between hospitals and clinics. Prioritizing the safety of patient information and medical data, DOCloud leverages advanced AI and network technologies to facilitate seamless partnerships between healthcare providers.

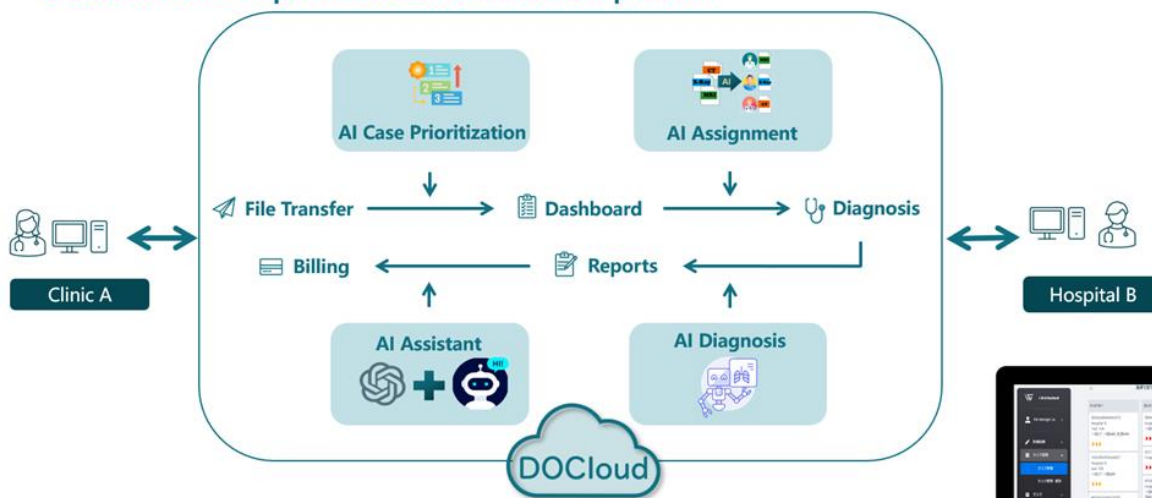
By automating administrative tasks, DoCloud allows doctors to focus more on patient care and treatment. The platform supports rapid and reliable data transfer, enabling healthcare professionals to deliver higher-quality services with greater efficiency.

Constantly evolving, DOCloud is shaping the future of healthcare information exchange, setting a new standard for secure, efficient, and collaborative medical environments.



**Contact:** xiaoxi.guo@iwg-inc.co.jp (Xiaoxi Guo)

### DOCloud: A one-stop AI healthcare collaboration platform



株式会社I.W.G



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# Metagen Therapeutics, Inc.

## Fecal Microbiota Transplantation (FMT)

### TECHNOLOGY PROFILE:

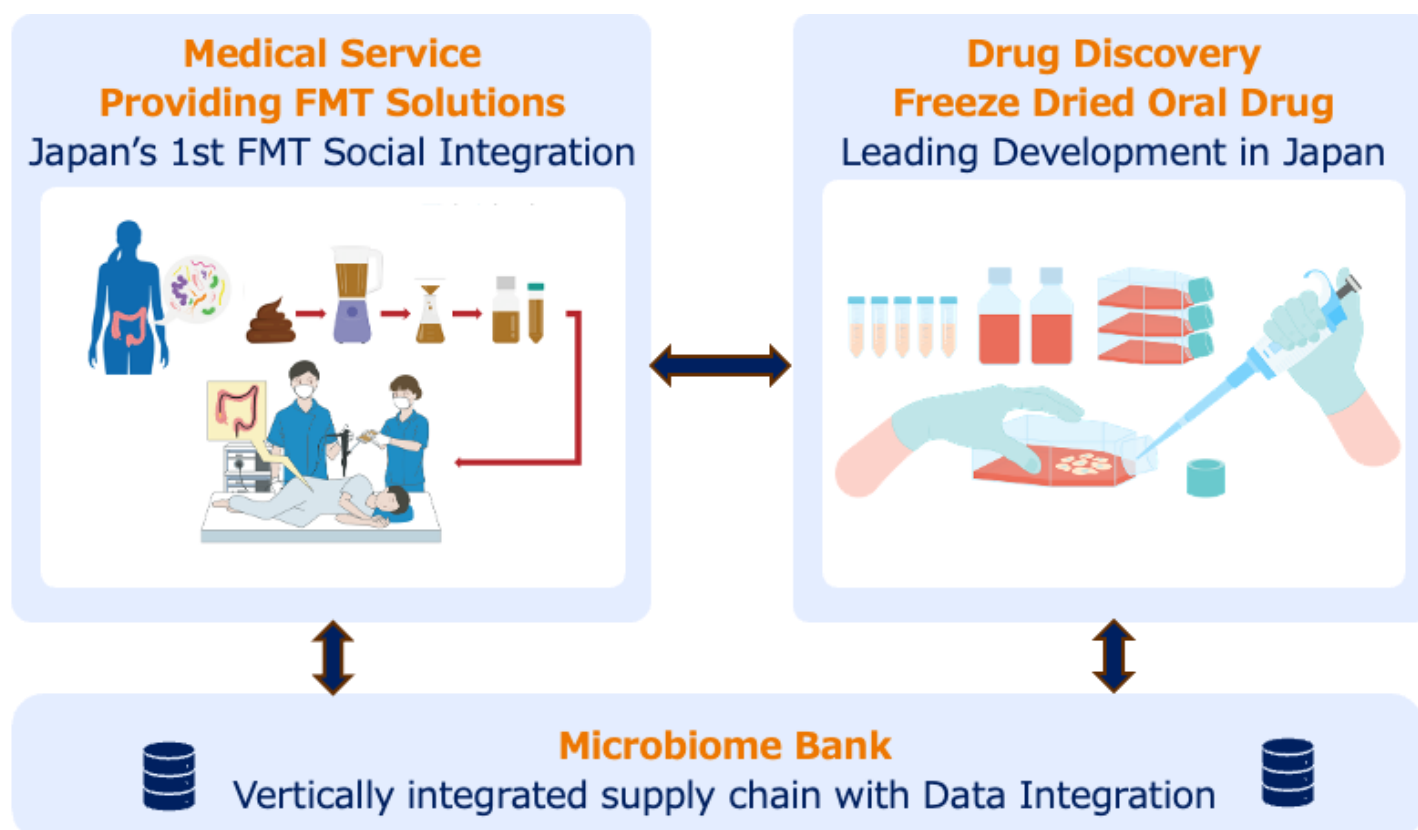
Metagen Therapeutics, Inc. brings innovative medicine and pharmaceuticals to life through cutting-edge microbiome science.

We provide Fecal microbiota transplantation (FMT) medical services to medical institutions. We are interested in setting up an innovative microbiome treatment project for Familial Mediterranean Fever (FMF), an incurable disease with high fever and severe gastrointestinal symptoms without known cause. Its prevalence is high in Arabic/Mediterranean countries, and it is believed to be originated from Arabic/Mediterranean genetics. FMT may be an effective treatment for FMF. MGTx can help people in the Middle East /Mediterranean Countries by applying the only qualified FMT platform in Japan.

❖ Fecal Microbiota Transplantation (FMT) is a procedure in which the intestinal microbiota contained in the stool of a healthy donor is transplanted into the intestines of a patient via colonoscopy. It is a medical technology that attempts to treat diseases caused by intestinal imbalance disorders, or dysbiosis.



**Contact:** kaori.takami@metagentx.com (Kaori Takami)



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# Dots for Inc.

d.CONNECT – distributed wireless network technology in rural Africa

## TECHNOLOGY PROFILE:

We bridge the opportunity gap in rural Africa by providing an affordable decentralized communication infrastructure and by offering the financial services such as instalment sales to rural residents, it helps transform full-time into part-time farmers, enabling them to achieve stable incomes.

By simply installing d.CONNECT, we can provide digital services centred around the communication infrastructure for each village. This includes distributing information on the latest agricultural techniques and offering financial services like instalment sales by using behaviour data. These services enable the predominantly full-time farming population, which makes up 80% of the village residents, to diversify their income sources and achieve stable earnings. In the future, we aim to facilitate trade with the outside world and enable village residents to receive work from abroad.



**Contact:** carlos.oba@dotsfor.com (Carlos Oba)

Dots for Inc.  
**The game-changer of unconnected rural Africa,  
connecting to the rest of the world**



While **cities** are developing dramatically

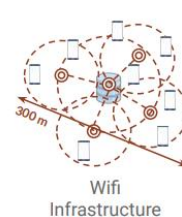
**700 million** in rural villages  
left behind the development



**Widening gap** between  
cities and villages due to lack  
of Internet access



**Solution: Digital Shopping Malls**  
**improve income** and **Solve village problems**  
by Vertically integrates and digitalizes rural villages.



Wifi  
Infrastructure



Smartphone  
Installment Sales



Digital Services

### Services (excerpt)

- Installment Sales Marketplace
- Vocational Training Video Distribution
- Printing
- Cell Phone Charging
- Internet connection
- Smartphone Sales
- Off-grid electricity
- Online job placement
  - AI Annotation
  - Jewelry Design



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