

# MWC

## Barcelona 2022

28 February - 3 March, 2022

**KOREA PAVILION**

**KiCTA**

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## AIMS INC.



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### 1 Company Introduction

Aims Korea is electric mobility starts-up and has built the world's leading battery swappable network and variety of electric two wheeled vehicle. It was developed to solve the problems of 'battery safety and charging time', which were obstacle to the development of the electric vehicle market that divides the smart mobility sharing platform. By swapping a fully charged battery in an easy and convenient way, the time wasted due to battery charging is dramatically reduced, and the battery status can be monitored in real time through the IoT battery. By solving the problem, which is a barrier to the use of electric mobility, it is expected to help customers while accelerating the change from internal combustion engines to eco-friendly mobility. Aims offers a turnkey solution of proprietary HW, SW & Services.

### 2 Product Details

#### Nanu Battery Swappable Station

NANU Battery battery swappable station is the fastest and most efficient way to empower electric scooter. It can be used by various mobility and is a versatile infrastructure product that can be expanded through Main and Sub station.

1. Scalable and modular design : Easy to install and expandable. It can be easily installed anywhere the customer needs.
2. Fast charging : Support fast charging, the battery can be swapped at any time.
3. Point of sales display : Using publicity and advertising through a large screen display.
4. Smart diagnosis : Smart remote-control system can minimise operation and management point.



#### Nanu Power Battery

NANU POWER battery we have designed with IoT Technology, so it is possible to offer real time monitoring of Battery's condition like temperature, voltage, current and state of condition(SOC).

1. High energy capacity : High energy capacity with compact, portable design.
2. Safety is our priority : Battery reliability is always considered first as international standards.
3. Maximize battery life : Maximization of duration through battery state control.
4. Always connected : Possible to monitor battery status in real-time through IoT devices.

## Allink Co., Ltd.



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### 1 Company Introduction

Allink is a B2B provider of NFC tag-based information transfer solutions for mobile services. Allink's solution enables mobile services such as payment, transit, access, user verification, and more. Leveraging Allink's unique technology, our partners can offer a broad range of mobile services to their customers through secure and affordable NFC tags. Our competitiveness comes from integration-free implementation and compatibility across all operating systems including Windows, Linux, iOS, and Android. Already commercialized, we are working with over 15 industry-leading partners in Korea and rapidly expanding our presence globally.

### 2 Product Details

#### Allink solution

Already fully operational at 11,000 7-Eleven stores in Korea, our solution can be used for mobile payment, ticketing, transit, access, check-ins, user verification, and more. With a simple tap on an NFC tag, Allink's solution enables the secure and frictionless transfer of information from a user's mobile to any terminal such as POS, ATMs, or entry gates. Our solution works on all mobile, including iPhones, utilizes secure and cost-effective NFC tags and requires no alterations on existing terminals or devices.

## Even with iPhones Just a Single Tap!

to Pay, Check-in, Verify and more!



Allink  
Allink Co., Ltd.

# AU Inc.



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## 1 Company Introduction

AU Inc. is a leading developer of millimeter-wave based radar sensors. Our technological strength lies in the detection of lifeforms, especially humans in cars. AU's journey began in 2019 when doctorates from Korea Advanced Institute of Science and Technology together developed respiration and heart rate sensing algorithms. AU has since developed a wide range of algorithms from in-cabin radar signal processing to imaging radar module for autonomous vehicles. As of today, we are an official partner of multiple Tier One companies and plan to provide full-custom designing services from RFIC to signal processing and target detection in the future.

## 2 Product Details

### In-cabin Rear Occupant Alert System

AU's in-cabin ROA was originally designed to prevent children from being left unattended in cars. The sensor detects the presence and positions of people in vehicles with ultra-compact 60GHz mmWave radar sensors. With AU's patented vital signal detection technology, the radar demonstrates great accuracy and is highly cost-efficient. Although the solution is originally adopted in the automotive sector, it has boundless usability and can be applied in multiple business areas.



### High-resolution Imaging Radar Module for Autonomous Vehicles

AU's ex-cabin radar module for autonomous vehicles features a complete full-range detection of the driver's environment. AU's radar module uses 77GHz mmWaves to detect objects at a distance, and cascaded radar chips enable high-resolution imaging. AU's innovative radar solution is simple, fast, reliable, and highly cost-efficient. Both AU's in-cabin and ex-cabin modules are on their final development phase upon the standard of mass production and application.

# Becon Co., Ltd.

# Becon

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## 1 Company Introduction

Becon Co., Ltd. is a beauty & healthcare service company that offers personalized solutions based on ICT.

Becon originally started in July 2019 at C-Lab, Samsung Electronics' in-house venture program. As an official spin-off, Becon was founded in November 2020.

Becon offers consolidated untact experience by providing home analysis, product recommendation and improvement management.

For the experience, we designed IoT device to analyze scalp.

Via deep learning, 10 different features such as sensitivity, dandruff, pore density are analyzed in 5 seconds.

Moreover, We designed the system to recommend the best solutions such as shampoo, essence, nutrients by matching diagnosed results with ingredients of hair products.

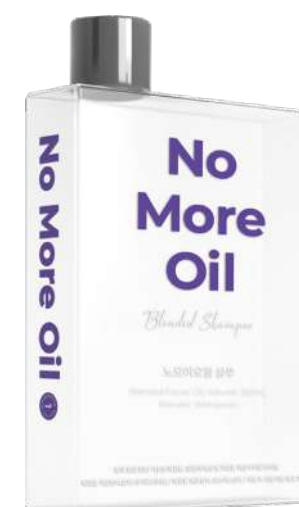
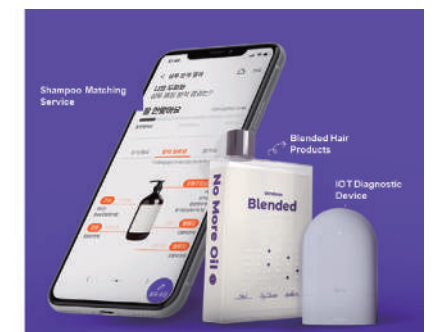
## 2 Product Details

### WithBecon ICT Solution

IoT devices including 30x magnification lens, temperature sensor, humidity sensor, VoC sensors and UV-A / UV-C Leds.

Mobile APP analyses 11 different scalp conditions such as sensitivity, pore density, etc via deep learning.

Moreover, AI matching algorithm to recommend the best available hair products such as shampoo and essence.



### WithBecon Customized Solutions

PB Customized hair care products: 4 shampoos, 1 Treatment, 1 Ampoule, 1 Essence.

WithBecon manages to match products over customers' scalp conditions which are determined based on optical scalp analysis and questionnaires.



# COSESGT Co., Ltd.

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## 1 Company Introduction

As a manufacturer of glass, a core component of IT devices, we have developed and launched UTG for foldable phones that are leading the recent innovation in form factor.

We launched a brand called T-GER, smartphone liquid crystal protective glass film using UTG, and are selling GLACOSS, a liquid-crystal protective glass film for iPhones to which 0.1mm thick UTG is applied for the first time in Korea.

After 2022. Ultrasonic fingerprint recognition function for Galaxy models

We are planning to release an UTG accessory with a thickness of 0.1mm.

Additionally, we are planning to launch a foldable phone Z Flip 3 accessory of 30um.

## 2 Product Details

### iPhone

#### 2D Glass Protector

FEATURES AND SPECIFICATIONS:

- For iPhone 12,13 Series
- Thickness : 0.1mm
- High quality glass
- Anti-scratch and anti-finger print
- High responsive touch screen
- Case Friendly
- 9H Ultra Thin Glass, Made of Japan NEG Glass
- Easy to clean
- Hydrophobic and oleophobic
- Vacuum electroplating surface
- Bubble free placement



### Galaxy Z flip3

#### 2D Foldable Glass Protector

FEATURES AND SPECIFICATIONS:

- For Galaxy Z Flip 3 Touch-Fit
- Thickness : 0.03mm
- High quality glass
- Anti-scratch and anti-finger print
- High responsive touch screen
- Case Friendly
- 9H Ultra Thin Glass, Made of Japan NEG Glass
- Easy to clean
- Hydrophobic and oleophobic
- Vacuum electroplating surface
- Bubble free placement



# CT5 INC.

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## 1 Company Introduction

CT5 Inc. aims products and space satisfy everyone's five human senses. In this world anyone can speak their opinion or emotion and share them each other.

Innovative product – CT5 develops new product with new technology and ideas

Passion to be a top – CT5 aims top of the world

Creative human resources – CT5 grows up together with each of our specialists

Just society – CT5 knows and obeys rules and laws

## 2 Product Details

### TIKTAALIK alu

- Magsafe compatible wireless charge with Bluetooth speaker
- All in one solution for mobile phone
- Magsafe compatible wireless charge with adjustable angle
- 5W output bluetooth speaker and TWS function available
- Aluminum finish gives better design



### TIKTAALIK 100W PD cable

High-speed charging and data transfer

The Tiktaalik braided cable is made of durable woven nylon with a zinc alloy and therefore does not easily get tangled. The Tiktaalik Exceed 100W PD cable is suitable for charging and for high-speed data transfer. All devices that support USB-C can be charged, smartphones, tablets, laptops, Macbooks or game consoles such as the Nintendo Switch.

# Deeping Source



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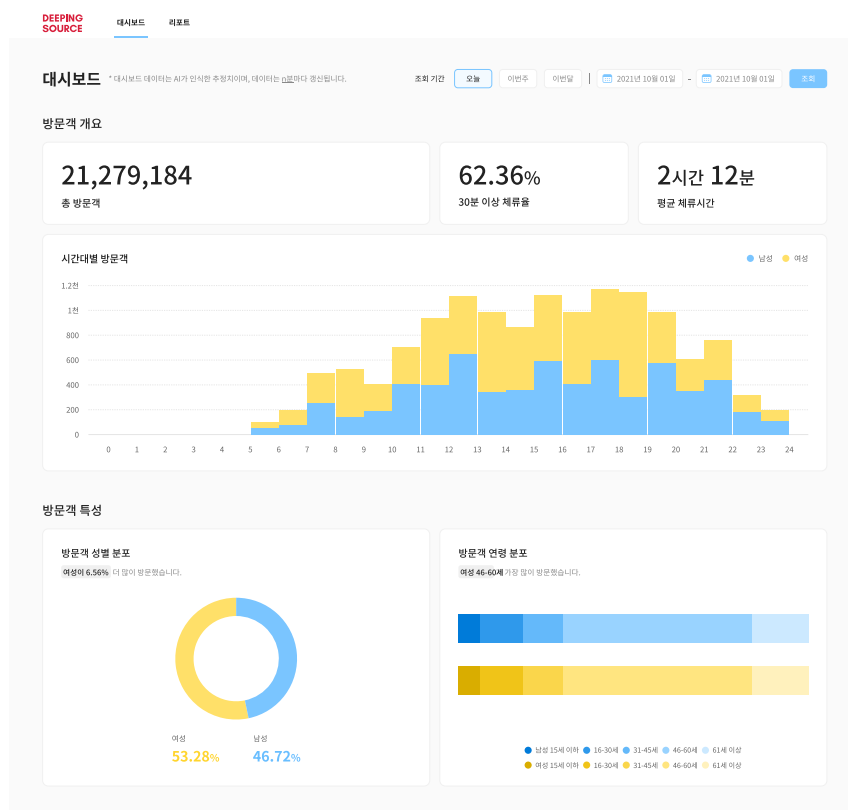
## 1 Company Introduction

Deeping Source gives the world's first data anonymization for AI, which removes all personally identifiable information from CCTV footage but still maintains all information for AI. We provide in-depth insight of data collected in real-time through customized dashboards, which gathers information such as visitor count, tracking customer journey, age, gender, dwell time, occupancy, etc. With provided insight, clients may benefit from effective marketing, revenue boost, cost saving, and general work efficiency. Furthermore, our technology uses multiple cameras that generates seamless spatial insights of the entire area.

## 2 Product Details

### PI (Plus Insight) Dashboard

PI is a customized dashboard that provides in-depth insight based on collected data. It provides actual real-time insight that provides benefits in fields such as revenue boost, marketing, logistics, construction, public, transportation, etc. Also, the type of information in the dashboard is determined according to individual needs. Insight is provided through anonymized video analytics, where it removes PII while preserving data utilities for ML applications. With given insight, clients can gain more specific, real-time data that strengthens expertise and experience.



# ERANGTEK



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<https://www.youtube.com/watch?v=k2NdiNMu56E>

## 1 Company Introduction

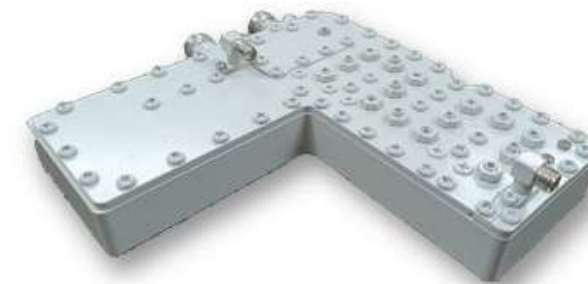
ERT had Established Feb.2017, based on elimination of interference patent. ERT is specialized manufacturing company with integrated networking solution between each different global telecom carriers by High PIMD Multipath Filter. After established, ERT achieved 2.7M 1st year of 2017, 4M at 2018 of income with 'Verizon', 'Sprint' in U.S, at 2019. ERT was registered as a direct developing supplier of 5G component to Japanese telecom company KDDI at 2020. 6M sales achieved at 2021 and also selected as Korea pre-unicorn company.

## 2 Product Details

### LTE+5G Smart Filter

Core parts for wireless communication system equipment.

Combine 3G, 4G LTE and 5G communication for global SO(system Organization) and SI (system integration) companies.



### 5G Multiplexer

Core component of equipment for global mobile carriers with excellent interference elimination between Frequencies by PIMD solution (multipath Filter)



# GLS Co., Ltd.



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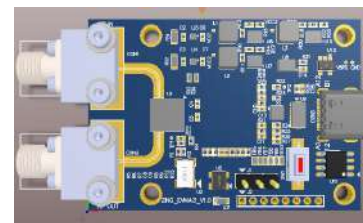
## 1 Company Introduction

GLS founded in 2017 in Korea to commercialize super speed 5G WPAN solution for mobile, consumer, and connected car applications. GLS released world's first IEEE 802.15.3e compliant chipset in Oct. 2017 using 60GHz mmwave with Si-CMOS technology called ZingTM technology. ZingTM technology supports 2.5Gbps wireless transmission speed today, which is 10 times faster than wifi. It can cover wireless data communication speed up to 40 Gbps in near future and potentially up to 100 Gbps. ZingTM solution provides disruptive innovation for wireless TV, wireless AR/VR, wireless car connectivity and so on. GLS has released two generations of Modem/RF integrated SoC chipset solutions.

## 2 Product Details

### Zing chipset & module

- ZingTM chipset and ZingTM module
- GLS developed the world's first 5G Wireless Personal Area Network (WPAN) chipset that meet IEEE802.15.3e standard
- ZingTM chipset supports world's fastest wireless P2P communication speed
  - 10 times faster than WiFi
  - 1000 times faster than Bluetooth
- 60GHz V-band transceiver chipset and module
- Support up to 2.5 Gbps data transmission and 6 Gbps video streaming data rate
- Support USB interface in ZingTM module



### Zing Wireless Android Auto

- ZingTM Wireless Android Auto
- GLS developed Wireless Android Auto solution which allows users to connect smartphone and automobile without wireline connection
- Embed 60GHz V-band ZingTM transceiver chipset
- Support up to 2.5 Gbps data transmission and 6 Gbps video streaming data rate



### point-to-point. Wireless data transmission/reception technology.

1. Ultra-high speed wireless proximity communication technology is a short distance (within 10cm) direct communication technology using 60 GHz band, and provides high speed, low power next generation proximity communication technology to provide high speed instantaneous transmission service with 3.5 Gbps between devices.
2. World's first 3.5 Gbps point-to-point wireless data transmission and reception technology
3. Point-to-point communication method that enables wireless data transmission and reception between smart devices anytime and anywhere regardless of WLAN connection such as internet network and WiFi
4. Existing Bluetooth is dozens of Mbps, but commercialized technology is up to 3.5Gbps, which is tens of times faster than existing methods



# iDiction Co., Ltd.



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## 1 Company Introduction

IDITION has been launched for solving the cost problems of the clothing manufacturing industry.

IDITION's team implemented the technology of measuring body size by AI algorithm. This core technology could be applied to diverse industries such as Fashion, Wellness, Healthcare, Games and, Metaverse in the world.

## 2 Product Details

### SIZE IT (B2B/B2C Service)

SIZE IT is an app for measuring body size by a smartphone camera.

It can help to maintain body condition and shape due to providing the information of 30 body points with SIZE IT's special reports (Daily, Weekly, and Monthly).



### SIZE DB (B2B Service)

SIZE DB is a solution for providing the preprocessed customer's body size data to the companies that plan to use it in their business.

For example, SIZE DB can provide a customized worksheet for a clothing manufacturing company in one click.

### SIZE Talk (B2B Service)

SIZE Talk is an app for providing the collected customer's body size information to on/offline companies in the fashion industry.

This solution helps customers and companies to reduce their unnecessary costs cause the companies recommend the ideal clothes size to customers based on the provided data.





## Innertron Inc.



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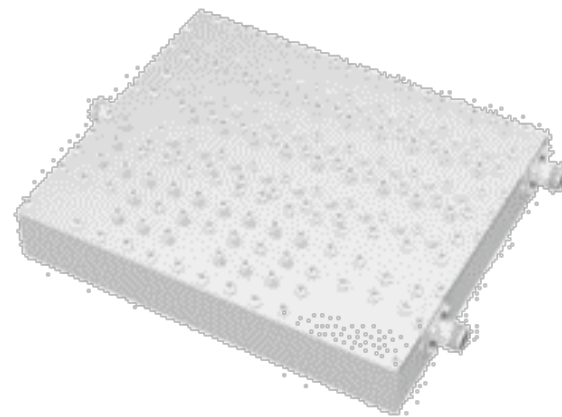
### 1 Company Introduction

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### 2 Product Details

#### Small Cavity Duplexer

It is a part for sharing the transmitter and receiver in one antenna. When the transmit/receive frequency is different, it is made by attaching a BPF that passes only the frequency of the transmitter and a BPF that passes only the frequency of the receiver. In some cases, a notch filter is attached to the interruption to induce isolation of the transmitting and receiving end.



#### Band Pass Filter

A filter that passes only a specific band with a pass start frequency and a stopband frequency. In wireless communication, it is widely used for identifying channels and for image removal.



## Khanfilter Inc.



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### 1 Company Introduction

We are a company developing an air filter system which must be installed in restaurants globally by New health-based air quality standards like diesel emission regulations. Based on DPF and catalyst technology, we newly developed the innovative filter system, KRAF (Khanfilter's Regenerative Air Filter) for restaurant's cooking emissions including PM(Particulate Matters) and bad odor up to 95% elimination with no maintenance (exchanging/cleaning filters) for 10+ years. KRAF solves the problem of air quality pollution in our society by purifying the cooking emission gas that occur in hundreds of thousands of restaurants a year.

### 2 Product Details

#### KRAF (Restaurant Emission Filter system)

KRAF (Khanfilter's Regenerative Air Filter) for restaurant's cooking emissions including PM(Particulate Matters) and bad odor up to 95% elimination with no maintenance (exchanging/cleaning filters) for 10+ years. KRAF solves the problem of air quality pollution in our society by purifying the cooking emission gas that occur in hundreds of thousands of restaurants a year.



#### KhanPure (Air Purifier)

Khanpur is an air purifier that removes harmful substances generated in the kitchen. Unlike other air purifiers, it is a new concept air purifier that sterilizes mold and viruses that occur on the filter by heating the filter periodically.





# KLleon



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## 1 Company Introduction

KLleon is a tech culture startup that leads the cultural industry by AI deep learning technology for video and voice generation. KLleon has a technology named 'Deep Human' that can convert or generate a face and voice of a person in a video close to real-time with a single face image and 30 seconds of voice data. Based on 'Deep Human' technology, KLleon has developed 1 service, a real-time video sharing social media platform called 'KAMELO', and 2 products, a user-custom virtual AI chatbot called 'KLone' as well as an auto-dubbing solution called 'KLling'.

## 2 Product Details

### KLone

KLone is a user-custom AI virtual chatbot where the users can video chat with their own created virtual character. KLleon's Deep Human technology is utilized to enable anybody to create their tailored virtual chatbot quickly with little data. KLone lets you create a virtual character that fits your preference that you could select the occupation, hairstyle, gender, body type of the character you want to create. KLone can be a secretary introducing your company, representative in charge of CS or your personal tutor.



### KLling

KLling is an automatic dubbing solution that dubs the original languages of the video with Korea, Japanese, Chinese, and English. KLling creates the voice in the user's native language and syncs the voice with the character's lip shape to eliminate the awkwardness of dubbing. KLling can significantly reduce the time and cost that take for translating foreign content in many fields that include video content such as game, movie, social media, news, etc. KLling will break the language barrier.

### KAMELO

KAMELO is a video-sharing social media. On KAMELO, one-click is all it takes to create a video without any extra filming. The users can create their own creative videos with the use of "Deep Human" technology where the face and the voice of the person in the video can be changed with just one photo and 30 seconds of voicedata. Various technologies that enable the users to swap the face and voice, try makeup and future updates will bring technologies that will enable the users to change the background.



# LuxPM Inc.



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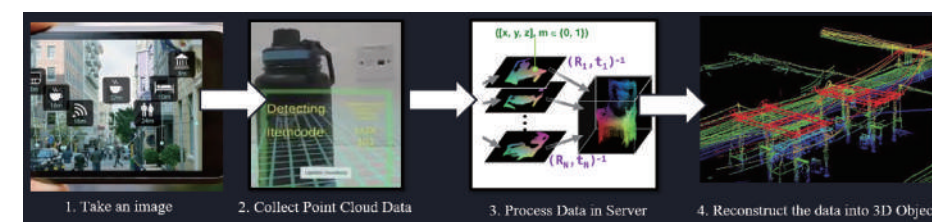
## 1 Company Introduction

LuxPM. Metaverse, 3D Reconstruction model and unmanned AI kiosk. Facial recognition, Voice recognition business model through interactive avatars. LuxPM, an AI engine-based object recognition solution provider and software consulting company. LuxPM is conducting AI and software business with global talents at APAC, in the Korea, Singapore, Malaysia, Indonesia, Vietnam, India. LuxPM do business with engineers from the European Space Agency, Bell, and Cisco. luxPM is leading the market growth by building a platform based on trends for global advancement and market change, as well as AR and VR technologies. Please refer to the website for more details.

## 2 Product Details

### Metaverse

LiDAR and AR based Scene Reconstruction and Object Detection System  
Solutions: We deliver an end-to-end solution from mobile device to platform visualization  
3D scene rendering with Mobile Devices + objects detection  
Save object data into database wherever and whenever you want  
Business Model – ERP: Along with object detection, we provide an inventory tracking system for detected objects  
Business Model – CAD Visualisation: We provide a CAD visualization tool to our end-users  
Business Model – Open API: We provide Open APIs for the developer community.  
3D Reconstruction and Object Detection  
LuxPM's Data Processing Technology 1: We have multiple layers of data processing for super resolution.  
LuxPM's Data Processing Technology 2: We have multiple layers of data processing for super resolution.  
Business Model: We have four types of subscribers – Basic, Premium, Enterprise, Developer  
LuxPM's Sales Strategy – Scanning of Construction Sites: Target all of the major heavy industry companies through partnerships  
LuxPM's Sales Strategy – Housing Agencies: We are targeting housing agents for promoting  
LuxPM's Sales Strategy – Virtual Reality for Metaverse market: Integrate with virtual reality applications for Metaverse, Sandbox, and decentralized application.  
LuxPM's Sales Strategy – Object Detection: We integrate our inventory system with the object detection system that we have built



### AI KIOSK

AI kiosk software allows for a contact-free and convenient way for your customers to place orders. We provide tailor-made software for the specific needs of your business, available on Tablet or traditional kiosks. Advanced features such as speech recognition commands, live video customer service, automated personalized video messages, and a human presence detection system for placing orders are available as a part of our premium service packages.





## M2S CO., LTD.

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<https://www.youtube.com/channel/UCA54izsJYjTFMfnLh8BL2ew/featured>

### 1 Company Introduction

M2S specializes in creating not only XR contents but also in providing digital healthcare solutions, pioneering the uncharted way that no one has ever been to. M2S started from eye care solutions by utilizing VR technology in medical and digital healthcare service, VROR Eye Dr, which awarded Best innovation award in CES 2021 Health&Wellness category.

### 2 Product Details

#### VROR Body Dr

VROR Senior Dr. focuses on Body healthcare solutions using XR technology. This compact solution can deliver senior tailored physical workout solutions. This solution includes both cognitive training and healing content for measurement and body training. Senior Dr program can strengthen daily activities by checking indicators through cognitive rehabilitation training and AI analysis for the elderly who has difficulty in daily life.



#### VROR Eye Dr

Digital eye health solution that analyses and manages your eye health with VR technology. Using traditional methods, any one of these tests takes about 10-15 minutes to complete, often taking place in specially equipped rooms, and requiring multiple appointments. With the M2S solution, a person can run through 10 tests within 30 minutes.



## MAY CO., LTD.

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### 1 Company Introduction

May is Korea's only manufacturer of micro-display LCOS panels that has clean rooms for panel manufacturing.

We have developed automated facilities for production of LCOS panels and raw materials such as wafer design and liquid crystal.

4K UHD resolution panels and drive boards have been developed and are currently on sale.

Using MAY LCOS display panel, we are developing various display products such as 4K VR head mounted display, 4K projector and 4K Spatial Light Modulator.

### 2 Product Details

#### Microdisplay LCOS Panel

MAY is a manufacture of micro display LCOS panel. We have total 4 kinds panel line up. 2 kinds of 4K UHD resolution panel, 2 kinds of 1080P FHD resolution panel. It could apply to various display such as projector, VR headsets.



#### 4K VR HMD

MAY VR Head Mounted Display apply 4K resolution LCOS panel. It has one 4K panel for each eye to enjoy a 4K VR experience clearly.





# MORAI Inc.



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## 1 Company Introduction

MORAI was founded in 2018 as a startup by former KAIST autonomous driving researchers dedicated to creating autonomous driving simulation platforms, and has since started to provide simulation software for verifying the safety and reliability of self-driving systems. MORAI is the first Korean company to have independently developed a full-stack self-driving simulation solution which includes the core simulation engine. MORAI currently supplies industry, research organizations, and universities with autonomous driving simulation solutions, and is looking to form partnerships with companies from around the world.

## 2 Product Details

### MORAI SIM

MORAI SIM allows clients to test drive their systems in a digital twin of their target vehicle and region, populated with real-to-life traffic, in diverse weather and lighting conditions. With our solution, users can test their software's perception, planning & control components to determine if their AI algorithms perform correctly. By creating comprehensive and realistic test environments free from real-world restrictions, we allow clients for an unlimited number of trials to test the reliability of their products more efficiently.



# Nature Mobility Co., Ltd.



NATURE MOBILITY

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## 1 Company Introduction

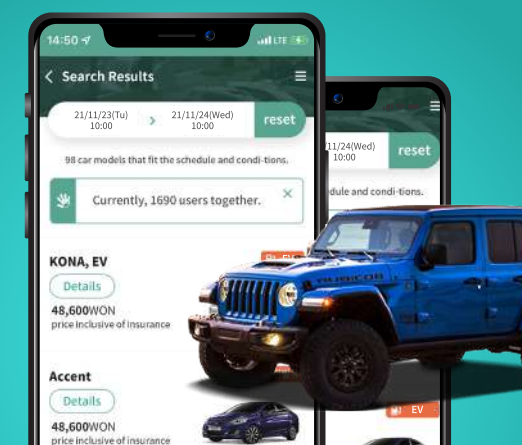
Established in May 2018, global mobility service company that operates various mobility services. Real-time rental car platform, electric vehicle sharing, flight, electric kickboard reservation service

## 2 Product Details

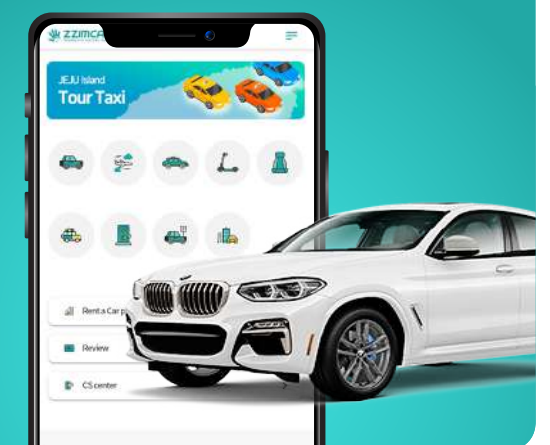
Mobility platform for sharing service, ZZIMCAR. ZZIM in Korean means that you have selected the desired product. ZZIMCAR allows users to compare and select the desired product, price and option at once. Usage is confirmed upon payment.

ZZIMCAR platform provides real-time car rental services, as well as airlines, taxis, electric scooters, and other travel products.

Global real-time Rent a Car reservation  
Select the desired vehicle model,  
option, and price



Global real-time Mobility reservation  
Rental car, Air, taxi, electric scooter



# NDS Solution Co., Ltd.



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<https://www.youtube.com/channel/UCLrJrqw7Uk5UG5x6Jpnl1Pw>

## 1 Company Introduction

NDS Solution is software developer for multi touch monitors and kiosks. We are one of the leading companies in Digital Signage business for 10 years. Our international network has been built up in more than 20 countries so that network stability has been forged by constant software updates. Customized contents & service are our outstanding performances. Thank you.

## 2 Product Details

### Q-Sign

Q-Sign is our main platform software which enables playing videos and images on kiosks and monitors. Q-Sign can carry out dividing screen, adding contents, managing schedules, and providing technical support by remote management. It supports 15 languages.



### Q-Wayfinder

As an authoring tool that can create comprehensive guide content for signage, a solution that enables content creation without a programmer. You can use advertisements and directions using videos and images without complicated coding, and you can efficiently manage contents in a project unit such as various foreign languages, DB of store and product names, and route data.



### Q-Robot

Q-Robot is an autonomous driving, voice recognition, and wayfinding robot. Our smart friend will help visitors at public organizations or tourist locations. He is also the best employee to offer non-personal service. Q-Robot can guide you to the destination using SLAM 2D map producing with sensor.



# P&C Solution



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## 1 Company Introduction

P&C Solution was founded in 2015 and has been specialized in MR Glasses, XR Simulator, AI and Metaverse Platform development company based in Korea.

As the leader of MR Glasses technology, having Hardware and Software own self-developed technology, we succeeded to attract investment worth 10 billion won (\$9 million) in 3Q of 2021 following seed funding.

Our businesses span can be expanded and applied in various industries including smart factories, commercials, medical solutions, and military.

We can provide Hardware and Software solutions for MR glasses and also customize and supply products based on customer's requirement.

## 2 Product Details

### MR Glasses

- Sensor technology : Supply precise solution by own sensor driving technology and communicate accurately thru uninterrupted screen, fast image processing
- Optical design technology : Able to produce customized optical products using optical design technology, simulation and production technology
- Ergonomic design : Combination of developed technology and design Ergonomic, Sensible design
- AR Engine : Estimate real-time location and implement precise 3D Mapping based on SLAM-based spatial recognition
- AI engine : Gesture recognition, Object recognition, Speech recognition, Spatial recognition



Android Type

### Application

MR Glasses enables to interact with anyone, anywhere in the world as if they are same place.

It contributes to various industries.

Manufacturing - Optimized processes and remote collaboration allows to improve productivity.

Healthcare - Safe operation simulation allows to increase operation safety.

Military Soldier system - Strengthen tactical training



Windows Type



# PLAYCON



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## 1 Company Introduction

PLAYCON is a company that develops the "Webtoon Movie" video platform which with our technology, can professionally display the video content that we create that can be enjoyed via mobile devices or PCs in both vertical and horizontal formats.

We are looking for two kinds of business partners.

1. Webtoon( Printed Comic Publisher or Cartoon Content Creator) Producers: A company that can supply us with source IPs and wants to make video content.
2. Telecommunication companies that are interested in collaborating to become partners in the development and distribution of the video platform "TOONFLIX" globally.

## 2 Product Details

### Multi-contents platform "TOONFLIX"

Toonflix is a multi-content platform where everyone can enjoy various content such as webtoons/digital comics, web novels, and webtoon movies. Simply put, this platform is a place where all kinds of fun contents come together. Everyone can enjoy webtoons and web novels in various genres. Not only that, on this platform, everyone can watch webtoon and comic content in a professional and fun way through content called "Webtoon Movies". Webtoon Movies, which are only available on the Toonflix platform, are video content generated from webtoons.



### Responsive Display Technology

Technology that allows people to enjoy video content in both vertical and horizontal formats comfortably and optimally. It is a Responsive Display Technology that can respond to devices of various sizes when watching video on a smartphone. When viewing on the screen or device horizontally, the video size is automatically resized to 16:9, and when viewing vertically the video will be changed to a 4:4 ratio. If all video content is provided by applying this technology, viewers can use it conveniently on a wider screen and increase the immersion of the content.



# PlayV



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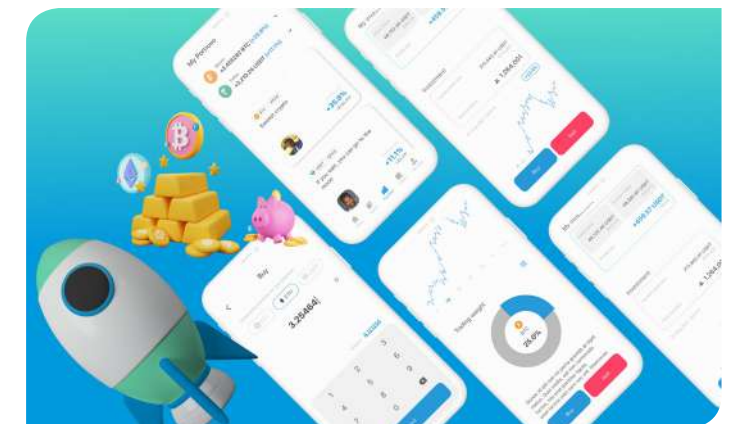
## 1 Company Introduction

PlayV is a marketplace of crypto trading strategies for all crypto investors and traders. We are on a mission to make crypto easy and borderless for everyone worldwide. We aim to solve accessibility and credibility issues between the investors and talented, professional traders in the world of cryptocurrency.

## 2 Product Details

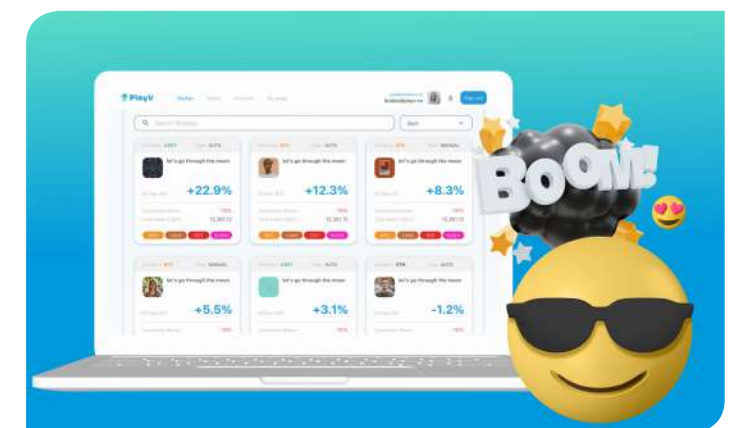
### PlayV Web

PlayV web provides marketplace of crypto trading strategies made and managed by pro crypto traders on the web environment. Simply sign-up, send digital assets to PlayV wallet and buy professional's trading strategies. The web version provides the secure and stable trading system for all.



### PlayV Mobile

PlayV mobile provides marketplace of crypto trading strategies made and managed by pro crypto traders on mobile. The mobile applications are available and supported on Androids and iOS. Simply sign-up, send digital assets to PlayV wallet and buy professional's trading strategies. The mobile version provides mobile-friendly UX/UI system for crypto trading.



pluto

pluto

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## 1 Company Introduction

pluto was established in Korea in 2020. Our goal is to make products that can benefit your life by adding technology based on creative and futuristic designs. Currently, we launched product SQUARE a smart automated cat litter box. It provides a pleasant environment for both cats and the feline owners with the design that suit any part of your house. Pluto's core value has always centered on the ultimate health and care of cats while making products that are affordable, high-performing, convenient, and beautifully designed.

## 2 Product Details

### pluto SQUARE

#### The Modern Cat Litter Cube

Self-Cleans Automatically Minutes After Your Cat Leaves with Splash & Dust Controls

#### Industry First Stepper and Canopy

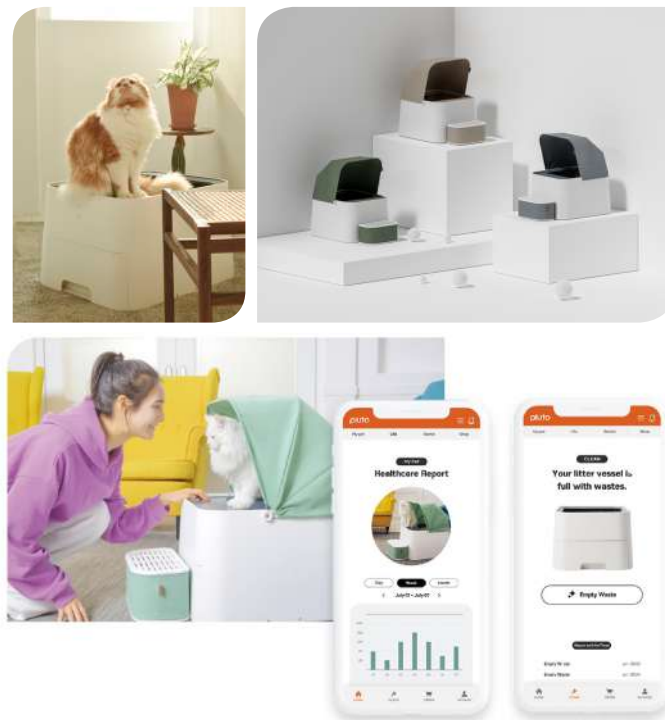
Spring clean air to keep your cat happy and you in control. No more odor and splash with the stepper that coordinates perfectly with the canopy. Say goodbye to dust plumes and residue from litter cleaning.

#### Pluto Square App to Track and Clean

Worried to leave your cat alone at home? Ensure that their bathroom stays clean and pristine with Pluto Square.

#### Open Air

Bathroom Spacious enough for newborn kittens or a big cat. With a canopy in place, your feline friend doesn't have to go in the dark. Less stress, no mess.



PROXIHEALTHCARE Inc.

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HEALTHCARE

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## 1 Company Introduction

PROXIHEALTHCARE stands against the invisible, biofilms. Biofilms are comprised of bacteria and the common example is dental plaque. The CEO of PROXIHEALTHCARE invented a unique electromagnetic wave, called TROMATZ Electromagnetic wave, which is effective in reduction of biofilm without physical contact. The first step to commercialize this innovative technology is the TROMATZ Electromagnetic Wave Toothbrush. TROMATZ toothbrush is proven to remove dental plaque and improve gum infections without any vibration, sound, or irritation. TROMATZ Wave technology can be applied to various industrial fields such as removing microbes that adhere to the surface of ships, automobiles, and other places.

## 2 Product Details

### TROMATZ BASIC SET

TROMATZ BASIC SET is composed with 1 toothbrush, additional toothbrush head and toothpaste. TROMATZ Electromagnetic wave Toothbrush removes dental plaque and improves gum infections. Tromatzwave reaches areas where the normal toothbrush head cannot reach making it an all-rounded oral care product. Those who have sensitive gums can also use this toothbrush since it is non-vibrative, no noise and non-irritative. This toothbrush is operated by replaceable batteries thus it can be used semi-permanently.



### TROMATZ SIMPLE

TROMATZ SIMPLE Toothbrush is an electromagnetic wave toothbrush which is a toothbrush that removes dental plaque without physical contact. The unique Tromatzwave that comes out of the toothbrush will lower dental plaque and improve gum infections. TROMATZ SIMPLE contains blue LED on the brush head for a brightening effect and a timer for automatic shutoff. TROMATZ SIMPLE Toothbrush is an all-in-one toothbrush where the toothbrush head and batteries are not replaceable. The recommended period of usage is 3 months.





# RF MORECOM



# RF MORECOM

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## 1 Company Introduction

RF Morecom Korea is a leader of development and manufacturing for RF & M/W filter and divider/combiner, cable & connector UP TO 60GHz, and PA module/RF repeater in Korea. We are qualified and experienced for more than 20 years in RF&M/W market and support our valuable customers with high-end technology solution. We have high-end products line for 5G(sub 6 and mmWave)

## 2 Product Details

### Ceramic Waveguide Filter

Ultra small size 3.5GHz

Ceramic filter

SMD type

Medium power

Low cost



(20X20X7mm)



(35X15X7mm)

### LTE and 5G mobile coverage solution(Digital Repeater/DSP module)

Digital ICS Repeater

FDD/TDD for 4G and 5G from

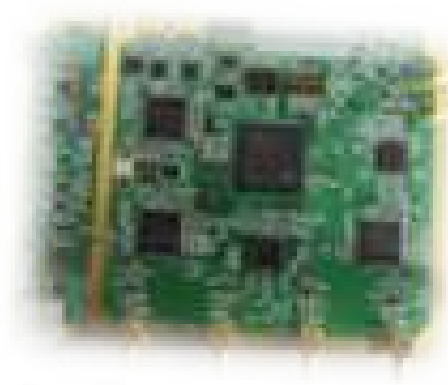
700Mhz to 3.5GHz for indoor and outdoor from 0.1 watt to 10watt.

DSP Module

Digital Signal Processing Module with 32 channel selection filtering for mobile network/public safety/military application.



digitalICS Repeater



DSP Module

# Robo Risen Co., Ltd.



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## 1 Company Introduction

RoboRisen developed PINGPONG ROBOT, a robot for the future education, and won the innovation award at CES 2020. Through the BETT 2020 and spielwarenmesse, we had a lot of interest and have signed sales contracts with leading companies. In addition, it was selected as a Korean leading robot in the 1st Global Advancement Edu-Tech Innovation Company Contest hosted by the Productivity Center and Lead Innovation Business organized by the Ministry of Education.

## 2 Product Details

### PingPong Galaxy Exploration Team

PingPong Galaxy Exploration Team is the smart toy tobot package for kids. It is consisted with 4 cubes and various links to be able to assemble 12 robots to experience exploring Galaxy. It also helps to learn simple coding and play with a smartphone app, and PingPong Scratch 3.0.



### PingPong Robot EDU START Alpha

PingPong Robot EDU START Alpha is a basic educational package of PingPong robot that can be used for coding, AI, IoT, Makers education activities, and is configured to assemble two cubes, an Auto Car, Worm Bot and a robot vacuum cleaner.

# SELCOS CO., LTD.



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## 1 Company Introduction

SELCOS CO., LTD. Supplies various high vacuum system such as micro-LED chip mass transfer system, OLED evaporation system, Premium Metallic Coating(PMC) system, Perovskite solar cell system. PMC system is eco-friendly and low-cost coating technology that can replace current electroplating. It could apply to 5G+ communication filter, ceramic/metal parts, automobiles and appliance's interior/exterior plastic parts. We have gotten a quality and reliability verified certification about PMC technology.

## 2 Product Details

### Premium Metallic Coating(PMC) system

- It is eco-friendly/low-cost coating technology that replaces existing plating and painting processes as a technology that express various colors or metal textures using nano-thin film sputtering technology on plastic, glass, and metal materials.
- Establishment of equipment → Process support → Total turnkey line construction up to production support



### u-LED chip mass transfer system

SELCOS developed chip mass transfer system for u-LED display process. A high yield and ultra-precise mass transfer can be operated by arraying LED chip to the interposer using laser technology. It is composed of GUI software enables high power laser and ultra-precis vision align & inspection detection control.

- Application

1. Mini-LED Display
2. u-LED Display, 2" - 8" u-LED Sapphire wafer



# swIDch

# swidch

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## 1 Company Introduction

swIDch is the global business headquarter of SSenStone Inc, an authentication technology startup in Korea. We are committed to bringing secure authentication to every digital identity even in the off-the-network environment. Since its establishment in 2018, swIDch has been recognised for its world's first one-way dynamic authentication algorithm 'OTAC (One-Time Authentication Code)' and showed rapid growth by taking first place in the 'Potential K-Unicorns' by the Korean Ministry of SMEs/Startups and winning the CyberSecurity Breakthrough Awards two years in a row ('Authentication Solution of the Year' in 2020 & 'Overall Fraud Prevention Solution Provider of the Year' in 2021.)

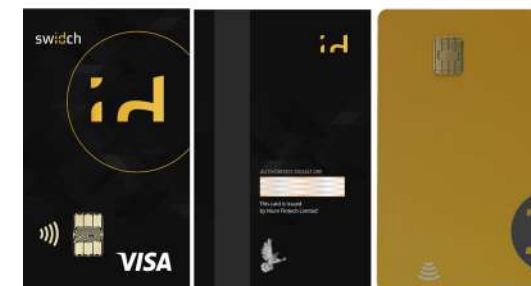
## 2 Product Details

### OTAC SIM Card for IoT Security

swIDch has established a SIM-based authentication for IoT without new infra or additional hardware. It could be an inexpensive "VPN-equivalent" solution for cost-conscious clients.

Here is why:

Before any command is transmitted to the IoT device, OTAC SIM card in the router verifies whether the command is coming from a legitimate control centre or not. As OTAC is dynamic code that's only valid at a specific point in time, it cannot be reused even if the code gets stolen.



### All-in-One IC Card by OTAC Applet

swIDch introduces "All-in-One IC card" that can be used for any purpose anytime, anywhere!

Here is how:

swIDch provides OTAC Applet to be running in IC chip for your daily use card. OTAC applet will generate dynamic security code that can fulfill the purposes of 1) Payment 2) Physical Access Control 3) System Login or 4) Advanced-OTP and 5) KYC (Know Your Customer). It can go with all NFC tagging devices (e.g., mobile, door lock, automobiles etc) without adding any extra modules in the card.



# Vueron Technology



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## 1

### Company Introduction

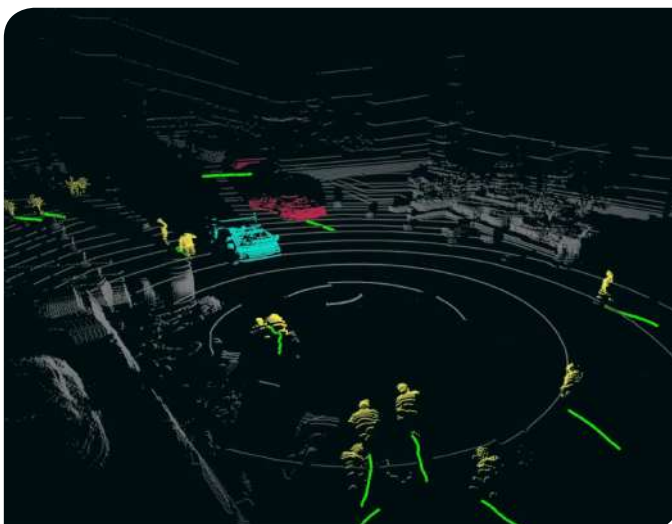
On a mission to make people safe by providing the best LiDAR solution, Vueron provides cutting-edge LiDAR perception software for Automotive and industrial applications. Vueron's AI-based algorithms have enabled a high-performance, stable, and practical perception software to identify all objects around the sensor using very low computing resources. Partnered with automotive OEMs, Tier-1s, and other industry players, Vueron has developed practical LiDAR perception solutions to meet clients' requirements

## 2

### Product Details

#### View.One

View.One is Vueron's flagship product which can be deployed on various automotive-qualified processors. It accurately detects and informs users of necessary ADAS and autonomous driving information such as surrounding vehicles and road information. View.One is the world's first solution that was used for autonomous driving with one LiDAR sensor assist (no camera, radar, GPS, or HD map). Using View.One, Vueron successfully earned an autonomous driving license and tested various situations on the real roads of Korea.



#### View.Two

View.Two helps people live in a safer world without disrupting privacy, day or night. It can detect, classify, and track physical security breaches in any environment. View.Two, in cooperation with other sensors and systems, can be applied to traffic management, energy management, intelligent infrastructure, and more in a smart city.