about **kotra**

KOTRA, initially the Korea Trade Promotion Corporation, are established in 1962 as a national trade promotion organization. Since then, it has successfully facilitated Korea's rapid export-led economic development through various trade promotion activities such as overseas market surveys and business matchmaking.

In August 1995, cross-border investment promotion and support for technological and industrial cooperation projects was added to KOTRA's mandate, and it was renamed the Korea Trade-Investment Promotion Agency(KOTRA).

KOTRA currently operates Invest KOREA, the national investment promotion agency. Originally initiated as the Korea Investment Service Center(KISC) in 1998, the agency was relaunched as Invest KOREA in November 2003 to support foreign investors by offering more powerful incentives and an expanded range of services.

KOTRA is now well-equipped to pursue its twin mandates of trade and investment promotion to enhance national prosperity and competitiveness, with the ultimate goal of positioning Korea as the business and economic hub of Northeast Asia. With its long-term experience and expertise, KOTRA serves and assists all interested parties worldwide to do business with Korea.

In order to execute its mandates more efficiently, KOTRA has opened an extensive worldwide network of overseas Korea Business Centers. As of 2018, 127 Korea Business Centers are operating in 86 countries.

And to take maximum advantage of the era of E-Commerce, KOTRA launched the interactive Internet portal sites of INVEST KOREA Online in 2003 and BuyKorea in 2004, respectively.

KOTRA Academy was launched in 2003 as a professional learning center for international business. In the long run, KOTRA's well-trained trade and investment manpower, armed with relevant theoretical and practical knowledge, will bolster the nation's trade and investment infrastructure.
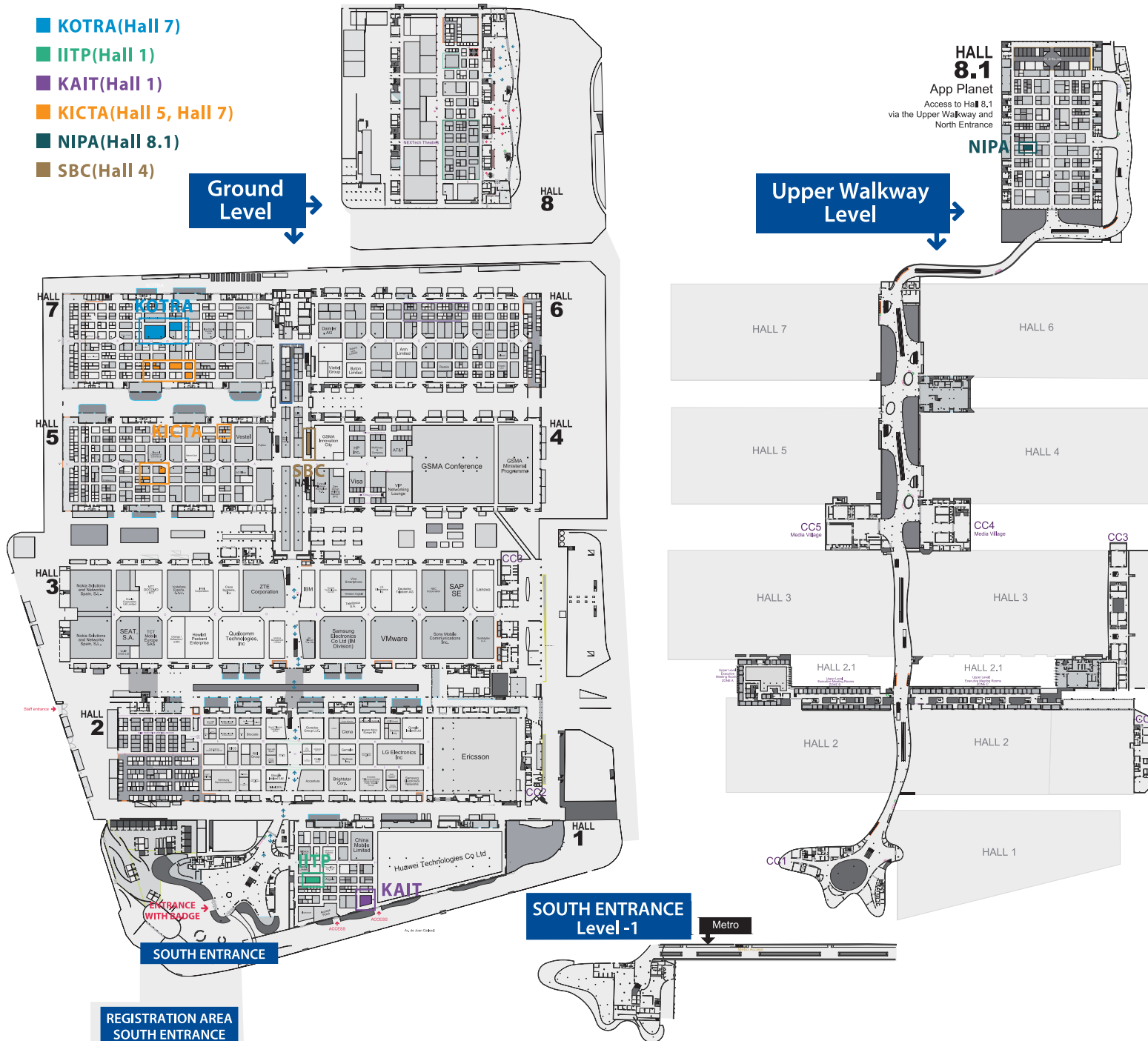
Korea Pavilion Booth Layout

- KOTRA(Hall 7)
- IITP(Hall 1)
- KAIT(Hall 1)
- KICTA(Hall 5, Hall 7)
- NIPA(Hall 8.1)
- SBC(Hall 4)

Ground Level

HALL **8**

HALL **8.1**
App Planet
Access to Hall 8.1
via the Upper Walkway and
North Entrance

NIPA

Upper Walkway Level

HALL 7 | HALL 6
HALL 5 | HALL 4
HALL 3 | HALL 3
HALL 2.1 | HALL 2.1
HALL 2 | HALL 2
CC5 Media Village | CC4 Media Village | CC3
HALL 1

SOUTH ENTRANCE Level -1

Metro

SOUTH ENTRANCE

REGISTRATION AREA
SOUTH ENTRANCE

ENTRANCE WITH BADGE

Huawei Technologies Co Ltd

2018 Mobile World Congress

KOREA
PAVILION

KOTRA

Korea Trade & Investment Promotion Agency

OFFICIAL DIRECTORY

SEONTECH

Medicore Co., Ltd.

Booth No.
7G61-1

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• Items of Exhibition

1. Optic Products : SFP, Optic Converter, MUX/DEMUX, Connector, Patch Cord
2. RF Products : RF Passive products, In-door Antenna, RF Filter
3. Cables : Optic Cable, RG Cable

• Information

Seontech, established in 2014, researches and develops wireless technology through its R&D center in Korea. We are specialized in Optic and RF connectivity solutions, as well as RF components and systems for telecommunication. We are dealing with Optic and RG cables as well and We have been certified with ISO9001, ISO14001. Main items are (1) Optic Component : SFP, MUX/DEMUX, connector, splitter, coupler, attenuator, ODU (2) RF passive component : splitter, coupler, filter, divider, connector (3) Cables : Optic cable, RG cable

Booth No.
7G61-2

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Web-site
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www.medicorehealthcare.co.kr

• Items of Exhibition

Smart Pulse (Cardiac Health Monitor)

• Information

We, Medicore Co., Ltd. are a passionate company dedicated to health and fitness who are building products that help transform people's lives. We do our best to do a role as 'Health Coach' which can change our life style for a better live with the world-class HRV & APG analysis system that measure our autonomic nerve system function and cardiovascular health.
With endless research, development and investment, we will keep doing our best to lead people to healthy life and to achieve our goal to be a global healthcare company with innovative guidance.

Now, you are able to check-up your cardiac health condition in 2 ½ minutes only. The measurement can be easily done at any places by connecting 'Smart Pulse' to your mobile devices. Smart Pulse is used to detect the risk of adult diseases in the early stages by checking the functioning of the autonomic nervous system, the status of their stress, the aging of their blood vessels, and their blood circulation by analyzing small changes in their heartbeats.

INNOPIA Technologies, Inc.

Booth No.
7G61-3

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Web-site
http://www.innopia.co.kr/en/

• Items of Exhibition

1. HDMI TV stick for portable media streaming of live TV, VoD, personal contents
   - Low cost full HD resolution : feature phone LTE tethering stick
   - Premium Ultra HD resolution: Wi-Fi stick and minibox available

2. IoT smart home gateway : multi-protocol support (Zigbee, Z-wave, Wi-Fi), A.I voice command

• Information

World-leading Media Streamer Specialist
We provide media streaming solution, offering a diverse range of media streamer products to the international Telecommunications and Pay TV operators such as CJ Hellovision, Orange Telecom and Reliance Jio, more than 3 million units in 2017. Our media streamers, also called HDMI TV sticks, contribute in adding value for end-users and leveraging data ARPU from subscribers.

Making Home Smarter
Our smart home solution is composed of a gateway, IoT devices and camera – controllable on our mobile application. The gateway supports multi protocols (Zigbee, Z-wave, Wi-Fi) for a broader range of devices control and integrated the voice command through Google Assistant or Alexa. The greatest advantage of our IoT bridging solution is the easy integration of new devices for scalable service.

INFOMARK Co.,Ltd

Booth No.
7G61-4

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Web-site
www.infomark.co.kr

• Items of Exhibition

3G/4G Kids Phone, AI Speaker, 4G Mobile Router, IoT Device

• Information

INFOMARK is a manufacturer of wearable and 3G/4G data communication devices founded in 2002, specializing in the design, development and supply of wearable Kids phone, AI Speaker, 4G Mobile Router, CPE, M2M Module, and IoT devices

INFOMARK has been building a strategic partnership with more than 30 major operators worldwide such as SKT, KT, Clearwire, YTL and UQC, etc. INFOMARK's compact and fashionable designs have been recognized globally so that it can attract consumers.

Recently, Infomark developed and supplied the AI speaker in cooperation with No. 1 Internet portal company in Korea and Japan.

Airbroad

Booth No.
7G61-5

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Web-site
www.airbroad.com

• Items of Exhibition

Airbroad HTML5 Player

• Information

Airbroad developed a next generation streaming player which solves video buffering problems without using dedicated video format. The existing adaptive streaming products require segmented media to adapt to your bandwidth. After uploading, the video is re-encoded or segmented in the server. This procedure requires additional costs, quality loss, compression efficiency drop and service delay. By adding a control algorithm to the Airbroad player, segmented media is not necessary to support adaptive streaming. Our patented technology, "Non-segmented adaptive streaming" enables enterprises to reduce video hosting costs while improving the user experience without changing your existing media and server.

Haesung Optics Co., Ltd

Booth No.
7G61-6

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Web-site
www.hso.co.kr

• Items of Exhibition

Dual Camera, Camera module, mobile lens, glass lens, Actuator, endoscopy, Iris recognition module

• Information

Haesung Optics is one of the leading and total solution company for optics area in Korea.

We design and produce Camera module, Lens (plastic & glass) ,Actuator for Mobile, Automotive , IoT, Biometrics and Medical device.

Especially we propose dual camera module and 3D camera solution.

• Dual Camera • Glass Lens • Mobile Lens

• Camera Module • Endoscopy • Actuator

• Iris Dongle

Point Mobile

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Web-site
www.pointmobile.co.kr

• Items of Exhibition

Mobile Computer

• Information

Since year 2006, Point Mobile has been supplying a variety of enterprise Mobility products especially rugged handheld mobile computers.

As one of the world-leading enterprise handheld mobile computer manufacturer in Korea, we invest on cutting-edge technologies, such as Android Lollipop & Windows 10 operating system, Qualcomm platform, mobile PCI-PTS/EMV certification, 4G LTE network and so on.

Ptech Co.

Booth No.
7G61-8

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• Items of Exhibition

P1-FOX, P1-Kitten, PainTB
Personal Smart Healthcare Platform(PETAL)

• Information

P1-KITTEN and P1-FOX are Beauty supply product of Ptech's Medical and Beauty product and platform solution. KITTEN, with blue and red two wavelength LED illumination, can help cosmetics working better when it used after makeup and making skin healthier by improving skin condition. FOX, with Laser and LED two wavelength illumination which penetrate different depth of skin layer, can reduce pain of a body and care of skin health.

Ptech P1 lineup products is connected to Ptech's smartphone Medical and Beauty platform "PETAL" which provides service of device control and management.

PainTB is Pain relief product of Ptech's Medical and Beauty product and platform solution. PainTB, with three wavelength Lasers illumination which penetrate different depth of skin layer, can reduce pain of a body.

Ptech PainT lineup products is connected to Ptech's smartphone Medical and Beauty platform "PETAL" which provides monitoring service of the device and PETAL will share valuable health information with customer who connected to the Platform.
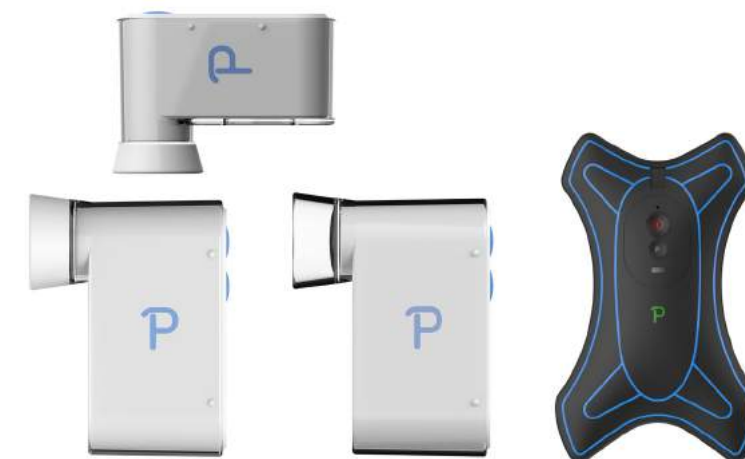
Yeon Systems

• Items of Exhibition

Monocular 3D camera, 3D Dermatoscope

• Information

► The best way to shoot 3D videos – Because we use only one main lens, shooting effect is similar to 2D videos. Also we can control only one lens, it is very easy for zoom-in, zoom=out, panning, tilting, focusing.

► Specialized technology for close-up shooting – It is easy for control binocular disparity, we can shoot 3D videos without dizziness.

► The Highest efficiency of shooting technique – Even if angle of camera changes, to control optical axis is very easy and one person can operate system.

► Various application – Our technology can be used in various 3D industries, such as medical, movies, CCTV, security, microscope etc)

► real time – We are expected that our real-time shooting technology can be used in surgery, diagnosis, stereoscope.

► 3D Dermatoscope – We are progressing clinical test for melanoma diagnosis, trying to develop a remote diagnosis device.

Graphene Square Inc.

• Items of Exhibition

Graphene Sample & Equipment

• Information

Graphene Square Inc. was formally launched in January 2012 as a spin-off company from Prof. Byung Hee Hong's research lab at Seoul National Univ. Since inception, the company's goal and mission was graphene commercialization based upon its technology, large scale production capability and patent portfolio starting off as a high-tech startup company.

The state of the art chemical vapor deposition (CVD) method is used to synthesize our high-quality graphene products. It boasts more than 90% coverage of mono-layer graphene.

We also provide various studies and measurements on graphene samples to meet your need for high-end research and application.
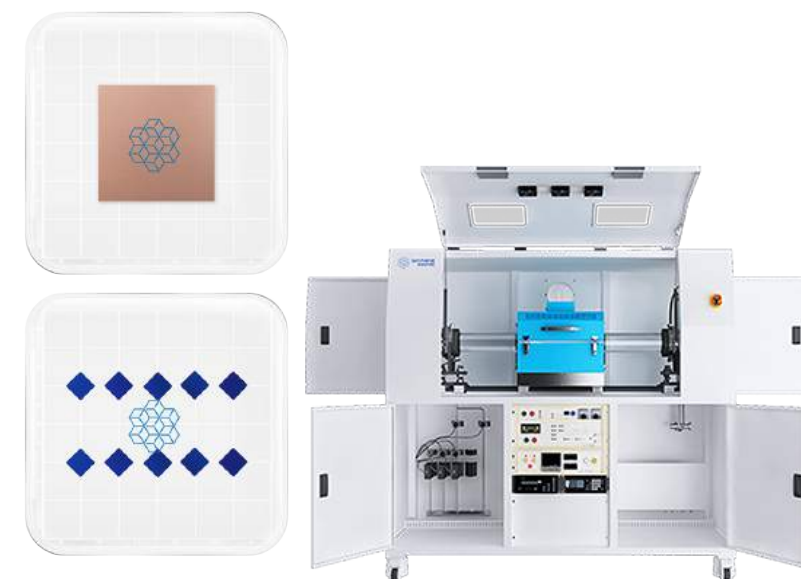
KDLAB Inc.

Booth No.
7G61-11

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Web-site
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• Items of Exhibition

Mobile phone cases & Universal type accessories

• Information

KDLAB Inc. is specialized in mobile phone accessories since 2008 and launched own brand named 'araree®'

araree® is official partner with Samsung and LG.

Product Information:

A. iPhone X Bonnet stand - Magnetic closure with standing function

B. Samsung A8/8+ Airfit Prime – TPU case with perfect grip and design

C. Wallet/Pocket Cleaner - Able to carry cards and micro suede back side able to wipe off mobile phone screen

AWT CO,. LTD

Booth No.
7G61-12

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Web-site
http://acewavetech.com/

• Items of Exhibition

Mini PIM Analyzer, Multiband PIM Test System

• Information

[MINI PIM ANALYZER]

AWT's Mini PIM Analyzer identifies the locations(s) of the "bad" PIM and/or "bad" VSWR with DTP(Distance to PIM) and/or DTF(Distance to Fault). It is useful for the installation and maintenance in the field of base stations, repeater and in-building DAS. Mini PIM Analyzer provides constant CW Power and with that, are full conformance to PIM Standard IEC62037.

● Weight: <15kg, <33.06lb

● Dimensions (L x W x H): 417 x 221 x 334(mm), 16.4 x 8.71 x 13.15 (inch)

[MULTIBAND PIM TEST SYSTEM]

AWT's Multiband PIM Test System(MPTS) measures PIM and S-parameter in once time connection. Testing for Multiband Antenna, Multiplexer, RF Cables and connectors, MPTS provides users all the measurement data. Furthermore, user can utilize general network analyzer in order to measure S-parameters.

ETRI

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• Items of Exhibition

MHN Technology
LTE Indoor Small Cell Technology
NB-IoT Technology
Zing Technology

• Information

The ETRI 5G service research division contributes to the improvement of the quality of life through the leading technology of creative economic infrastructure and the implementation of mobile life, contributes to the improvement of the national convenience through high-speed communication service anytime and anywhere, We are researching 5G mobile communication source technology and technology for small and medium business to realize society.

mTE Installed on a train

mTE Installed on a train

CleverLogic Co., Ltd.

Booth No.
7G61-13

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Web-site
www.cleverlogic.co.kr

• Items of Exhibition

mTE, mDRU

• Information

CleverLogic specializing in R&D has a high quality of communication MODEM development and signal processing technologies.

We are mainly active in 5 technology areas such as 4G/5G/Broadcasting/ Satellite/System business and have secured source technologies through cooperation with ETRI/SAMSUNG and etc.

ETRI and CleverLogic are developing Mobile Hotspot Network(MHN), a kind of non-standard MODEM which is a technology to provide Link of over 1Gbps for high speed mobile environment like Subway and Train by utilizing wide frequency spectrum of millimeter wave.

CleverLogic provides MHN system, and there are various activities for commercialization of MHN system recently such as carrying out successful BMT test at Seoul Subway Line 8. This allows thousands of people to receive video streaming services simultaneously on high-speed mobile environments.

MHN system consists of MHN Terminal Equipment(mTE) which is a millimeter wave backhaul transmission/reception terminal mounted on vehicle, MHN Digital and Radio Unit(mDRU) including base station modem and RF/antenna, and MHN Gateway(mGW).
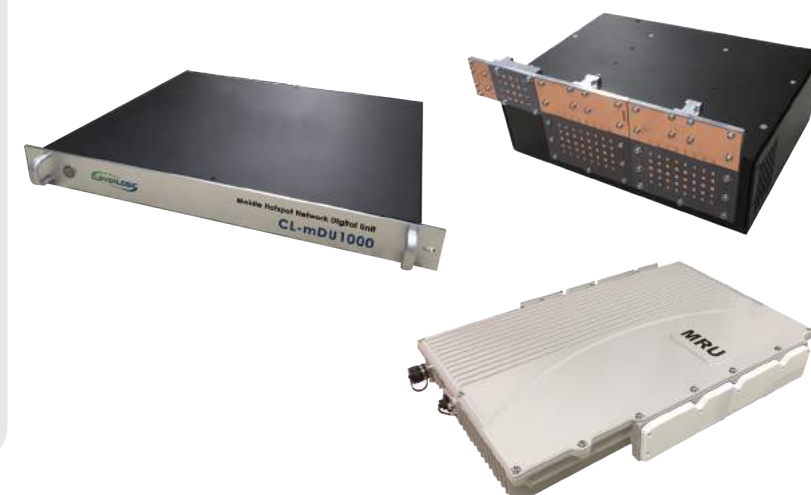
EUCAST

• Items of Exhibition

LTE Indoor Small Cell (EL-2000)

EPL-2000 (Backpack type Portable LTE Network In a Box)

• Information

EUCAST is leading force in the 4G wireless access technology. Our WiMAX & LTE solution has been used for more than 10 years of commercial operation.

It is rather small in size but proud of highly-skilled, rich experienced manpower in R&D. Recently it has designed and developed a special LTE BTS (TDD/FDD) applicable not only to any of commercial markets but also to special ones where a quick mobile communication(LTE) is needed for a specific purpose such as military operations, emergency situations, public safety, islands etc. It's because the products are no more just BTS, it is already an independent, complete communication network itself incorporating every necessary networking parts in a small package. (Pelican case / Backpack)

Product:
Small & Compact BTS
EL-2000 (LTE Indoor BTS) for in-building & enterp
EL-4000 (LTE Outdoor BTS) for outdoor coverage

Features:
Compliant with LTE [3GPP Release 9, 10, 11]
Support TDD & FDD
Support 10 & 20MHz bandwidth
2x2 MIMO

PHYCHIPS Inc.

• Items of Exhibition

NB IoT RF Chip (ES1)

• Information

The biggest character of PHYCHIPS' solution is that the applications can be expanded to mobile devices and home appliances while the competitor's reader chips are limited in their use to industrial readers.

The requirements of compactness, low-power, low-cost and high-performance for smart phone, tablet PC, laptop, home appliances, etc. were satisfied for the first time in the world and PHYCHIPS has the exclusive market position with unique technical advantage in this field.
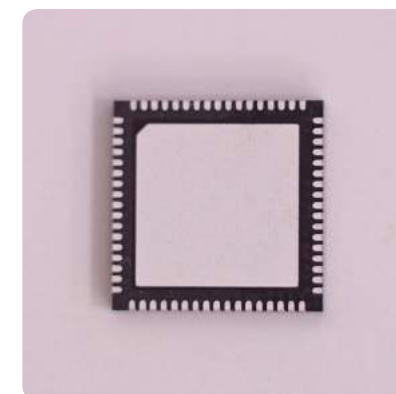
NESSLAB

Booth No.
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Web-site
www.nesslab.com

• Items of Exhibition

NB-IoT chipsets

• Information

Nesslab is established based on out highly experienced developers of Electronics and Telecommunications Research, our ability in technology includes CDMA/OFDM based IT systems, RFID readers, and hardware and system software technology essential for the development of numerous built-in units. Recently, we concentrate on the development of LPWA (Low-Power Wide-Area) chipsets based on 3GPP LTE narrow band IoT (NB-IoT) and our own LPWA standard.

Product information:
NL-I-V10: First NB-IoT Baseband modem SoC co-developed with ETRI
  • Based on TSMC 55nm ULP
  • Die Size: 2.97mm x 2.88mm
NL-I-V20T: 3GPP Rel-13 compliant NB-IoT SoC integrated with temperature sensor
  • Based on TSMC 55nm ULP+RF (Mixed-Signal/RF)
  • Chip Size : 14mm X 14mm, CABGA package
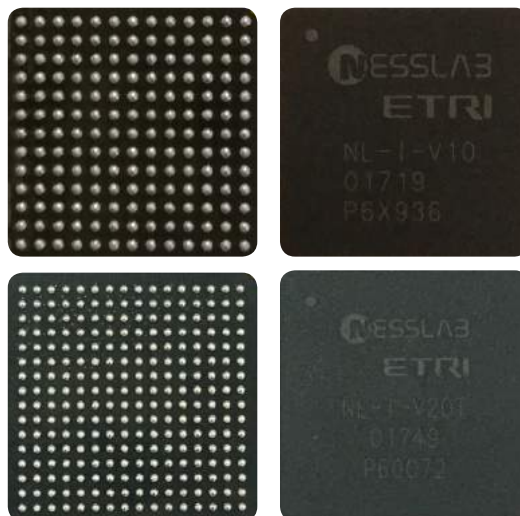
GLS Co., Ltd

Booth No.
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Web-site
http://www.zinggls.com

• Items of Exhibition

Chipset and module

• Information

GLS is a fabless company specializing in the development of integrated circuits for the 60 GHz ISM Band. Zing is a technology that transmits data up to 3.5Gbps data rate within near field. 60 GHz wireless technology provides an ideal alternative to wire.

Connector-Free product, which connects nearby devices without wire and removes connectors of devices such as smart phones, laptops and TVs and smart factory reduce failure and optimize the product design. License-free V-band spectrum allows users to freely transfer gigabit data to any portable devices or system without the help of network use and it would relieve burden of network traffic.
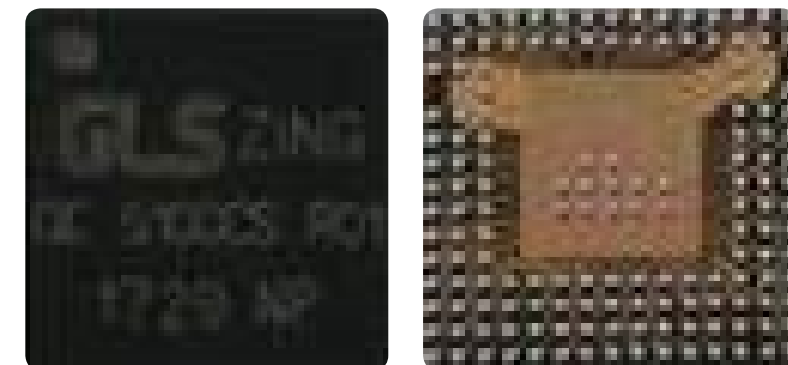
Juni Korea Co., Ltd.

Booth No.
7F61-17

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Web-site
http://www.juniglobal.com/

• Items of Exhibition

LTE Small Cell and Solutions

• Information

Juni Korea Co., Ltd, is a LTE Small Cell developer, having branches in Korea (R&D, Sales/Marketing), US (R&D, Sales/Marketing) and Australia (Sales/Marketing) since 1988. Our products have been commercially deployed since 2013 to all over the world. Currently, enterprise and outdoor Small Cells are under the field trial with many global companies worldwide.

The line-up of products consists of Residential, Enterprise and Outdoor LTE Small Cells (Strand Mount Type & Pole Mount Type), along with solutions (Lightweight Small Cell Controller and Small Cell Management Server.) Our products are best-in-industry to provide customers with highest standards of LTE service and the most advanced technology.

Contela, Inc.

Booth No.
7F61-18

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• Items of Exhibition

Outdoor LTE Small Cell, Enterprise LTE Small Cell, Home LTE Small Cell
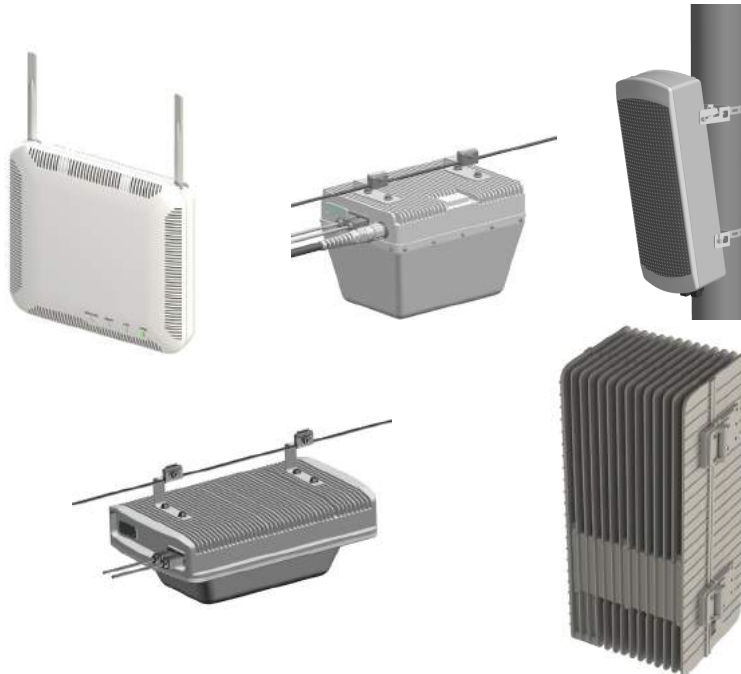LoRa Indoor Gateway, LoRa Outdoor Gateway

• Information

About Contela

Over 17 years, Contela has accumulated commercial experience of telecommunication industry with CDMA / WCDMA / LTE products for global telecom operators. Contela has been a leading provider that has the products such as Residential / Enterprise / Outdoor Small Cells and 3G/4G Small Cell gateway. Much more, Contela has commercialized various Small Cell products to MNOs in Korea, Japan, and U.S.A.

From 2007, Contela has been contributing our effort and commercial experience in IoT platform including M2M. Contela continuously thrives to expand the reliable wireless network service with our advanced technology in IoT era with LoRa network solution. As the result, Contela provided the End-to-End LoRa Network Solution to SK Telecom in 2016.

Strengths of Contela End-to-End Small Cell Solution

● Integrated Management System for HeNB, HeNB-GW and SeGW.
 • Mature Solution based on various commercial experience for over 7 years
 • Low Complexity Installation with SON functions
● HeMS (Small Cell Management System)
 • Integrated Maintenance Management System for HNB, HNB-GW, and SeGW.
 • System management function through administrator-oriented MMC
 • Real-time fault & status information management function
● HeNB Gateway (Small Cell Gateway)
 • Flexible Architecture of Initial and Serving HeMS
 • Active/Standby Redundancy Support for HeNB Gateway

VisualCamp

Booth No.
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Web-site
www.visual.camp

• Items of Exhibition

Eye-tracking software for VR, AR and mobile

• Information

● VisualCamp develops the algorithms which track the eyes movement and analyze the gaze point of users in VR, AR and mobile environment. Founded in 2014 with eye-typing technology and expanded into VR, AR and mobile industry based on the diverse applications of eye-tracking. VisualCamp has been working with industry leading device manufactures and platform service providers in worldwide, and proved its capability with distinctive technology.

● Main Features & Performance
 - Low latency & Fast algorithm
 - Low CPU utilization and power consumption
 - High accuracy
 - Support foveated rendering and multiple OS (Android, iOS, Windows)

● Application Market : VR/AR hardware, games, content, virtual retail, foveated rendering, advertisement effectiveness analysis & monetization

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HANDYSOFT, Inc.

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Web-site
www.handysoft.co.kr

• Items of Exhibition

HANDYPIA IoT Platform
IoT based Smart Sportswear RACE MAKER, Connected Car Solution(HandyCar)

• Information

[Company Introduction]

HANDYSOFT founded in 2009, has grown to be a leading package supplier in collaboration(EKP), process innovation and e-Government solutions. It serves over 1,000 enterprises and public institutions with over one million users.

In addition, Handysoft has recently provided IoT platform and OBD based connected car services. The HandyCar application offers the core functions of connected car services using OBD. HANDYPIA IoT Platform may provide more intelligent services through semantic analyses by collecting real world data from various things or devices via internet. The platform is the first commercial semantic IoT platform in Korea, developed since 2010.

[Products of Exhibition]

The Gearbitⓢ RACE MAKER is a IoT smart sportswear that allows users to compare +analyze +share their exercise information and challenge their better record. You can collect, measure, and record more accurate motion information through the Gearbitⓢ RACE MAKER service based on HANDYPIA IoT Platform.

It helps you analyze your personal life data and helps you compete against yourself. It also provides location based aerobic exercise management.
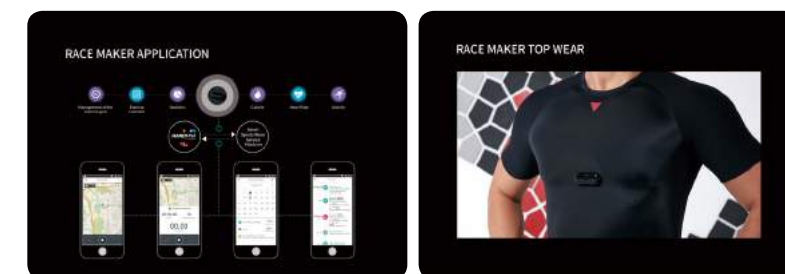
Tangram Factory

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Web-site
www.tangramfactory.com

• Items of Exhibition

Smart Rope, Smart Rope PURE

• Information

Smart Rope is an LED-embedded jump rope that communicates with your smartphone to display your fitness data in mid-air. Smart Rope is creating an "anywhere, anytime" fitness experience. We've created a true active fitness wearable that brings the best in new tech to a tried-and-true workout, consistently recommended by the health and wellness community.

We have a team of talented designers, developers, and engineers dedicated to smart fitness devices and wearables to empower an active life. Our connected fitness devices go beyond tracking and monitoring, and make exercise smarter, more fun, and more immersive.
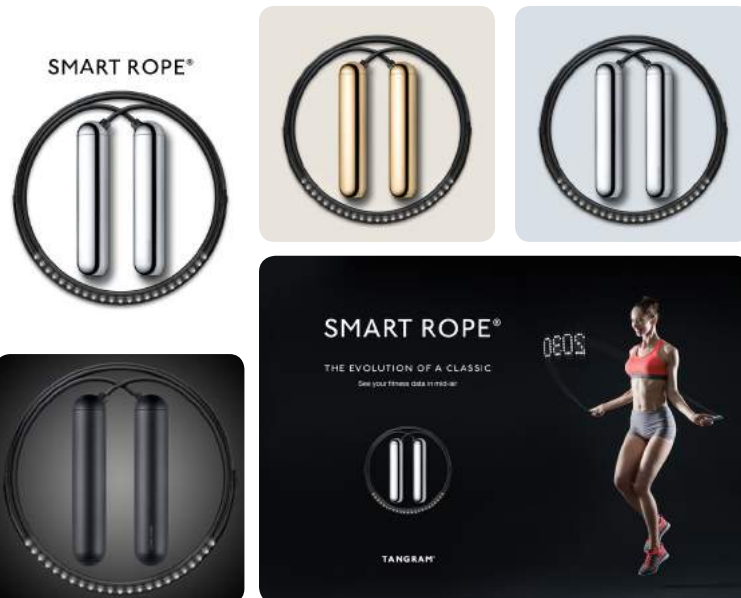
KRF Co., Ltd.

Booth No.
7F61-22

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431-060

Web-site
http://korearf.co.kr/

• Items of Exhibition

High Power Amplifier, Digital Board

• Information

KRF Co., Ltd. Has specialized in manufacturing communication equipment based on RF technology since established in 2011.

We supply high power amplifier for base station and repeater domestic and oversea market, especially our key technology (linearization apparatus using look-up table) is applied to ICS repeater.

Also we have SSPA for military and industry market which has multi kW of output power.
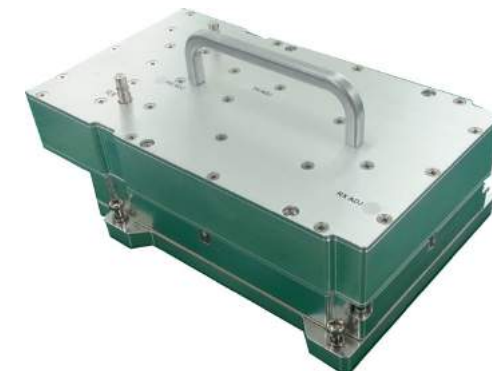
KOREA
PAVILION

KICTA

Korea Information & Communication Technology Industry Association

OFFICIAL DIRECTORY

Cloudike Inc.

Booth No.
5C78

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Web-site
http://cloudike.com

• Items of Exhibition

Personal cloud for mobile carriers / OEMs

• Information

Cloudike is a white label personal cloud solution for mobile carriers and OEMs to offer to customers. Cloudike's personal cloud service focuses on efficiency, design, and accessibility to ensure that users have a reliable and easy to use online storage space. With a strong presence in emerging markets, Cloudike software is currently offered by 6 major carriers around the world and is used by millions of users in Russia, Turkey, South Korea, and Indonesia. For more information visit: cloudike.com
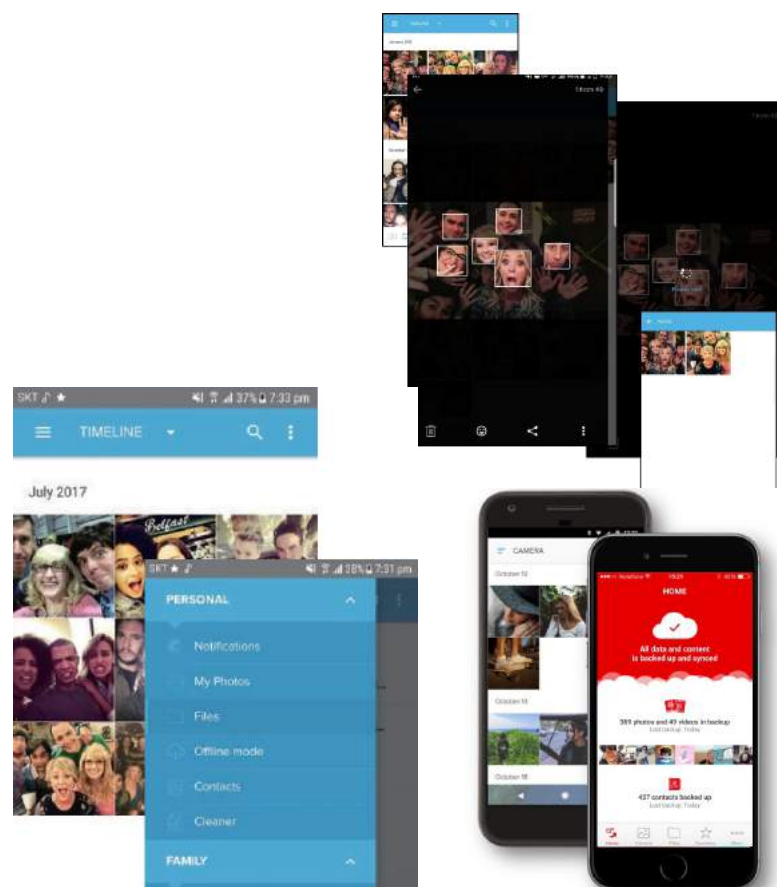
BrilliantTS

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Web-site
www.fuzecard.com

• Items of Exhibition

Fuze Card

• Information

BrilliantTS is a company professionally manufacturing and developing smart equipments such as smart multi card and IoT instruments. BrilliantTS is delighted to introduce a simple and secure smart e-card, Fuze. This all-in-one card will store credit, debit, and reward cards in one clever e-card. With 30 cards employment capability, Fuze Card will lighten your wallet like no other. With two-factor authentication, location tracking, and remote data wipe technology, Fuze Card gives you the peace of mind to spend securely.
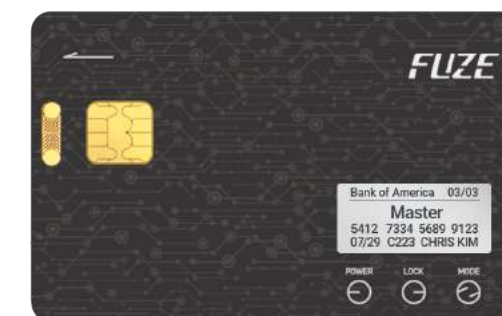
Exosphere

• Items of Exhibition

Exosphere - Endpoint Protection Solution

• Information

Exosphere is dedicated to protecting your business from multiple cyber threats. Our mission is to provide the optimized endpoint protection solution into the workplace and enhances the business secure and effective. We ultimately value you to offer multiple services and save cost with limited IT staff to enjoy this comprehensive solution.

Exosphere Endpoint Protection solution with all-in-one single platform covers whole of cyber threats from internal and external. We see and control every threat on your endpoint and protect your PCs and Data. Our solution combines advanced anti-malware capabilities with advanced data protection to offer a single easy-to-use, yet comprehensive solution for ensuring your business is secure.

EMW

• Items of Exhibition

1. Video Bridge (Wireless transceiver : transmitter, repeater, receiver)
2. NVR (Network Video Recorder),
3. IP Camera,

• Information

EMW is leading the global wireless communication industry through its expertise in technology and exclusive know-how.

EMW has produced various high-value products such as mobile antenna, electromagnetic material, smart grid solution and wireless security system through endless innovation and development in original technology. Moreover, EMW is now expanding its area into advanced technology products such as heavy duty antenna and air purifying business as well.

1. Video Bridge (Wireless transceiver : transmitter, repeater, receiver)
- No Interference, No Latency
- The Fastest and The Farthest Wireless Solution
- 4X4 MIMO supports 1.7Gbps PHY rate
- Wireless coverage : 4km
- WPA2, AES 256 Security Protocol
- Beam forming
- Smart channel Selection

2. NVR (Network Video Recorder)
- 4CH/8XH/16CH (PoE switch)
- Backup system with USB
- max 12TB (6TB*2)/ HDD storage
- Support ONVIF network camera
- HDMI & VGA Output, max 1920*1080 resolution

3. IP Camera
- Full HD 2.0M pixel
- Indoor&Outdoor(IP66 Waterproof) installed type
- Sony CMOS Image Sensor
- F1.8 Illumination
- DHCP & Static IP Protocol
-Dual Filter Switching & WDR

LetinAR Co. Ltd.

Booth No.
5G31

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www.LetinAR.com

• Items of Exhibition

LetinAR AR optic solution

LetinAR AR smart glasses

• Information

Dizziness free AR optic lens

LetinAR developed the Pin-Mirror technology, capable of showing a sharp virtual object image on short distance using very small reflectors. While other AR head-mounted display (HMD) devices can only 'display' virtual objects over a meter away, the Pin Mirror Lens enables simultaneous display and 'interaction' with a sharp virtual object 25cm away from the eyes without feeling dizzy

The Pin Mirror Lens also provides a wide field of view (FOV) of over 70° and a clear expression of full color without chromatic aberration. It currently provides a 1280 x 720 resolution for each eye because of the limitations in micro-display, but users will enjoy the Pin-Mirror AR comfortably with no decline in quality after the launch of high resolution display, 4K or more.

LetinAR succeeded in the injection molding of high refractive index plastic into ultra-precision Pin-Mirror Lens, laying the foundation to mass production for the future AR market.

SECOND GROUND Inc.

Booth No.
7E11-F

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Web-site
http://www.bacving.com

• Items of Exhibition

Sports Video Recording System

• Information

SECOND GROUND was established to provide various services based on information, records, and sports analysis. We create recording service for amateur baseball, and 46 amateur sports events involving soccer, swimming, etc. We also provide premium services: analyzing the records in a reliable way and the information.

SECOND GROUND created 'Sports Video Recording System' for amateur and youth sports players who desire to watch their remarkable league activities. By using multiple cameras, user could watch the scene in various sights and choose their favorite one. The user could input information and the video will show the recorded game like public TV broadcast.
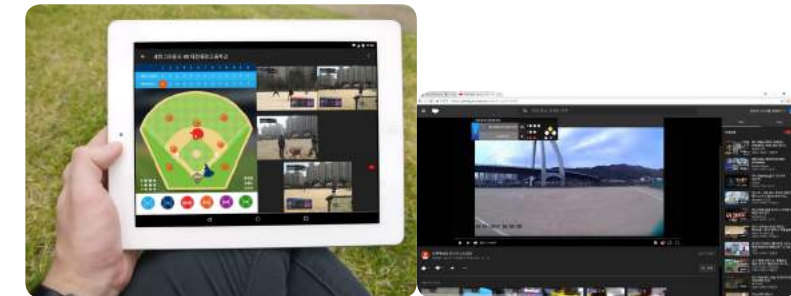
Asvals.co.Ltd

Booth No.
7E11-C

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Web-site
www.asvals.com

• Items of Exhibition

a Facility maintenance software solution

• Information

We provide facility maintenance software solution

We are facility maintenance software solution company

with image photographing devices such as drones, CCTVs or cameras,

the software does image processing (which is data gathering, analyzing) in real time

and mirroring to display divices you have (which is cell phone, notebook or desktops)

while all images and analyized datas are saved in either CLOUDs or your server.

When it detects any abnormalty which you defines or designated before,

it alarms you and helps you make decision or

let your managers do actions following "Management protocols"
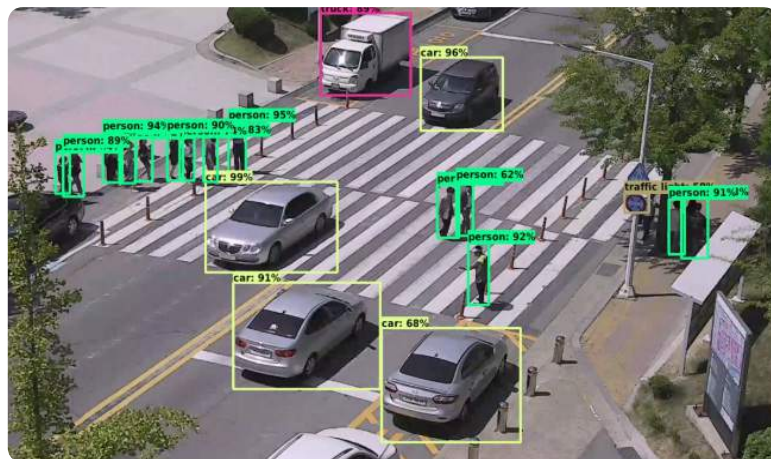
Omni C&S Inc.

Booth No.
7E11-A

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http://www.omnicns.com/en/index.html
http://www.omnifit.co.kr/en

• Items of Exhibition

1. OMNIFIT Brain
2. OMNIFIT Mindcare
3. OMNIFIT Ring
4. OMNIFIT VR

• Information

OMNI C&S is a smart healthcare company, specialized in brain healthcare business with the expertise and know-how that have led the mobile business and development for 20 years as the first generation of Korea mobile venture company. We have launched mental health management platform, OMNIFIT, which analyze, diagnosis and heal your mental health thru one-minute measurement with our specialized measurement device. As it is a clinically approved and GMP certified in Korea, provides reliable mental health analysis and healing contents based on various mental health promotion research data. OMNIFIT can help prevent mental illnesses such as dementia, depression, stress etc..

YTech

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www.twoelec.com

• Items of Exhibition

Smart digital multimeter

• Information

Beyond technology, all products from YTech start with this idea.

We participate in the exhibition to make ytech's first product with overseas customers. as below

Smart digital multimeter is Automatic detection without selecting DC/AC/resistance of inspection object, Use without electrical knowledge. Automatic detection by failure / normal / replacement using automatic detection of fuse, motor, charger, various battery, and outlet electricity.

J&C GLOBAL CO.,LTD

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7E11-E

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Web-site
www.alphado.co.kr

• Items of Exhibition

ALPHADO

• Information

Scan, analyze and explore for better living
See the nutritional values of dairy, fruit, vegetables, fish and meat.
Select the sweetest most rich fruit & vegetables.
Track your body fat percentage.
You can build your own life.

How it works?
AlphaDo touch by your hands.
Breaks it down into a spectrum and analyzes it to object's ingredient.
It's the science of spectroscopy.

BIOSMART CO., LTD

Booth No.
7E21

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Web-site
www.metal-credit.com

• Items of Exhibition
Smart Card, Luxury Card, Premium Credit Card

• Information
Since 1971, BioSmart Co., Ltd has provided various cards such a Credit, Banking, Transportation and loyalty card to the market and has become a leading company. Through continuous R&D and technological innovation, BioSmart expanded its service to premium card for VIP or High net-worth customers. Biosmart manufacturers full metal credit card using not only alluminum and stainless steel, but also precious metal like gold silver and bronze. Biosmart premium products are certified by EMV companies and introduced in market as a new, luxury payment device.

BONABANK CO., Ltd

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7E21

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Web-site
www.bonabank.com

• Items of Exhibition
Cloud Services
NFC Services and Solutions
Big Data
RFID Solutions

• Information
CEO: Hye-rin Park

Foundation Date: August, 2000

Major Business
-Distribution settlement for National Tax Service
-RFID Solutions and Software
-Distribution ERP Solution

Primary factor
-ISO 9001:2008 certification
 Technical Innovation for Small and Medium-Sized Businesses [INNO - BIZ]

Liquor payment, ERP, Mobile solution, RFID System, NFC, etc.

BusinessOn Communication

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7E21

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Web-site
http://www.smartbill.co.kr

• Items of Exhibition

E-Invoice / E-Contract Service (Cloud, ERP, Mobile) Brochure , Demonstration device

• Information

Smartbill of BusinessOn Communication provides customers with effective IT services for business, such as electronic tax invoice, electronic contract, and integration of tax invoices. Management of 'Tax invoice' needs much money and time

Many enterprises faced difficulties that they should issue and manage both paper and electronic tax invoice. It is a cause for wasting money and time as well as inefficiency of work.

Smartbill provides 'Smart' one-stop electronic tax invoice service without expensive their own system build-up for customers. As a result, customers could enjoy the better working environment with Smartbill.

'Transmission of Tax invoice' and 'VAT Return' could be complicated and have possibility of mistakes

All enterprises should send their tax invoices to NTS (National Tax Service) daily, and also file the sum of VAT return quarterly. This work could be complicated and omitted. Moreover, if there is even one omitted list in the sum of VAT, additional tax would be charged.

Customers could send their tax invoices to NTS automatically through Smartbill. Moreover, Smartbill provides customers with pre-defined reports including the sum of VAT.

How it Works

Smartbill of BusinessOn Communication provides customers with IT services such as electronic tax invoice, electronic contract, and integration of tax invoices. Moreover, Smartbill supports strong integration among NTS, customers' ERP, and Smartbill through professional knowledge about ERP and data transformation. As a result, customers could manage their tax invoice and transmit their tax invoice to NTS in their ERP system via Smartbill.

Omnisystem Co., Ltd

Booth No.
7E21

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Web-site
www.omnisystem.co.kr

• Items of Exhibition

Smart Grid, AMI, AMR solutions and its composing smart meters of electricity, gas, heat, water and its communication devices

• Information

We are a company specializing in MMV, meaning, Measuring, Monitoring, and Verification. Through our digital meters of electricity, gas, heat, and water, precise energy usage can be measured, monitored and analyzed. No doubt our digital meters are the core for national projects such as smart grids, AMI (Advanced Metering Infrastructure), and AMR (Auto Metering Reading). We are first in Korea to produce such high-tech meters for these occasions while also having real hands on experience and participation in smart grid, AMI and AMR projects in and out of Korea. With experience and know-how as well as continuous R&D support to produce top class products matching customer requirements, our own manufacturing facility to produce such products, and lastly, not just providing hardware but solutions, we are thriving in our field to perfect ourselves to provide the best to the best in the world.

Green Optics Co., Ltd.

Booth No.
7F21-G

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Web-site
http://www.greenoptics.com

• Items of Exhibition

HMD for VR games, HMD for the hearing impaired

• Information

1. HMD for VR games

When you wear these while play VR games, you can enjoy the games with more sense of immersion. It makes feel like you are in the game by blocking lights outside of the game and project the game image in front of your eyes.

2. HMD for the hearing impaired

This looks like a monocle that has a glass you can move from side to side to adjust for your convenience. It gives subtitles when watching TV shows, movies or other contents for people who have problems hearing sound. You can download a free application that provides such subtitles and it projects images of a mobile phone or a computer that you can connect with a cable from this product.

Green Power Electronics Co., Ltd

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7F21-D

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Web-site
www.gpel.com
www.gpelstore.com

• Items of Exhibition

Screen protector glass, chargers, 3D sublimation machine and other mobile phone accessories

• Information

Established in 2008, Green Power Electronics is a company, with MFi certification, developing and manufacturing various accessories for mobile phone. We are acknowledged by our buyers from America, Australia, Europe, and other countries all over the world with our high-quality products such as screen protector glass, chargers, and 3D sublimation machine. Green Power Electronics has met its buyers in different expositions held in USA, Spain, Germany, etc. and is still eager to meet its new buyers and broaden its market.

Our screen protector glass is well known especially in US, Australian and Italian market. With the upcoming of new phones, we try to release new protectors as fast as we can which best fit the screen of the phone. Our wireless charging stand is hot selling with the new iPhone which supports wireless charging and with phones which supports fast charging. Also, our 3D sublimation machine which enables high-quality customized phone case without distortion of the image is the result of our own technology that no one could imitate.

Smarthan Co., Ltd.

Booth No.
7F21-H

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Web-site
http://www.smart-han.com

• Items of Exhibition

Coloring World Travel Poster(AR)

• Information

Smarthan

applies AR&VR to research and develop digital app&web, and provides a delightful and surprising service which blended analogue contents with digital solution together with coloring art contents for storytelling.

Coloring World Travel Poster(AR)

Coloring world travel is storytelling coloring which applied AR function to play with various characters on an extra-large poster.

It is a new concept coloring product that recognizes the colors of the user and shows 3D images and animation, providing graphical amusement and information if the user colors the cities with fun and downloads the app and lights up the landmarks.

There are 2 options : coloring world travel poster(AR), small poster(AR) set.

CGTECH CORPORATION

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7F21-B

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Kyunggi-Do, 17814, Korea

• Items of Exhibition

SCREEN PROTECTION FILM

• Information

CGTech have developed kinds of specialty film materials, with R&D and chemical synthesis by its own organizations. We have currently manufactured SCREEN PROTECTION FILM in which applied self-developed nano-chemicals. It has good quality of super clear with 0.3% haze, full cover 3D mobile screen glass and easy clean surface property. It makes every mobile phone look better with crystal temper of surface, also work better with strong protection from surface scratch and falling damage of screen glass. We hope to cooperate with Mobile phone makers, Telecom. companies, Accessary wholesalers.

InnoPlayLab

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7F21-J

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Web-site
http://www.ipl.global/

• Items of Exhibition

Smart Home Social Robot 'iJini'

• Information

InnoPlayLab(IPL) is "a joyful company of happy people". We have started business with people who have variety of visions and want to develop robotics field. We have been rushing to create innovative platforms and services to provide a new service environment for smart home based on robotic technology.

- Product Introduction

• iJini is a social robot. Meaning iJini could interactively communicate with family members, engage, care for families as a home companion providing the intelligent robotics services to the consumer.

• iJini has various basic robotics functions like summon, security, senior-care, healthcare, personal assistance, home monitoring, home IoT and etc.

- Product Advantages

• Lower product cost compared to competitors and flexibility for other platform service(Finance, Health Care, Shopping, Education, etc.)

• Platform integration work could be done in both a server-level and an application-level.

IPL INTELLIGENT ROBOT PLATFORM
(HW+OS+SERVICE)

Most of AI can built in

WEVERCOMM CO., LTD.

Booth No.
7F21-A

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Web-site
www.wevercomm.com

• Items of Exhibition

Cavity Filters, Multiband Combiner, Tower Mounted Combiner, Coupling Module, Power Amplifiers, Passive Components

• Information

Wevercomm is expanding the wireless world with the comprehensive offering of RF products to system suppliers. Our customers count on us to support and help them succeed in the wireless fields. Our products and solutions comprise the industry's most comprehensive portfolio of 3G, 4G(LTE), 5G wireless and IoT systems.

Wevercomm products are what microwave and RF engineers use to wireless system and wireless fields such as Base-stations, Repeaters, IoT Infrastructure, Broadcasting systems, System Installations, Satellite Ground system, Jamming systems, etc. Wevercomm design and manufacture Cavity Filters, Outdoor/Indoor Multi Band Combiners, TMAs, Power Splitters, Couplers, etc.

Innertron, Inc.

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7F21-I

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• Items of Exhibition

1. Cavity Filter

2. Ceramic Components

3. Software Tool

• Information

Innertron is committed to our mission to be the worldwide leader in supplying RF and microwave components to address Telecommunication, Broadcasting, Defense and Wireless Infrastructure markets.

1. Cavity Filter

Providing head end and remote end filters for medium and high power RF interfaces for the Wireless, broadcasting, signaling and defense industries.

2. Ceramic Components

Product portfolio addressing low power wireless infrastructure, LED lighting, automotive and GPS industries.

3. Software Tool

WASP-NET®, the Waveguide and Antenna Synthesis Program for NETworks, is based on a pioneering, unique hybrid eight-solver mode-matching (MM) / finite-element (FE) / method-of-moment (MoM) / finite-difference (FD) / finite-element boundary-integral (FE-BI) / physical theory of diffraction (PTD) / physical optics (PO) / shooting-and-bouncing-ray (SBR) domain composition EM CAD technology.
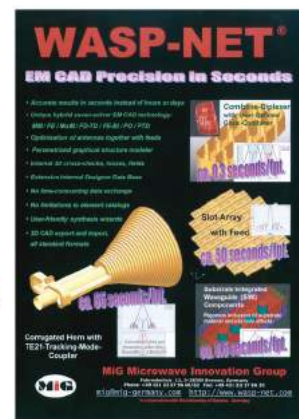
POWERVOICE Co., Ltd.

Booth No.
7F21- C

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Web-site
http://www.kpvoice.com

• Items of Exhibition

Speaker recognition(Biometrics), Voice/Audio pre-processor, SILO smart lamp

• Information

POWERVOICE has been recognized own excellence in IoT, telematics and AI solution fields over 15 years which world widely major players have not been achieved. Our various voice and related solution is visional in new connectivity paradigm for your imagination. Our solution empower your business.

1. Speaker recognition
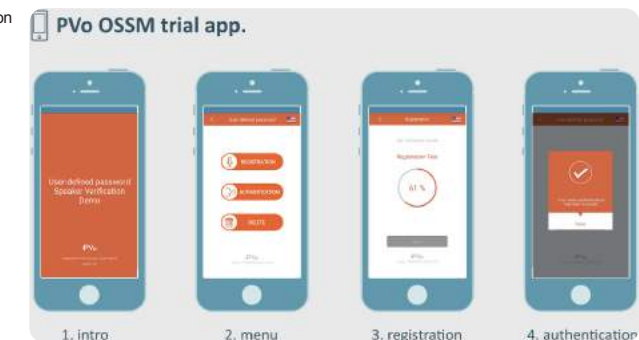
2. Voice/Audio pre-processor
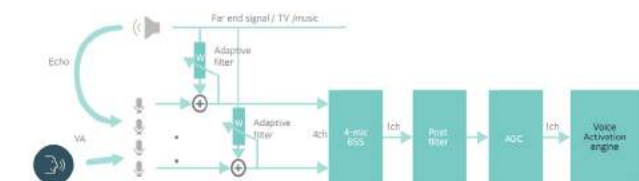
3. SILO smart lamp

AMOSENSE

Booth No.
7H18-B

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Web-site
www.amosense.co.kr

• Items of Exhibition

• 5G   - AiP (Antenna in Package), Components
• IoT - LoRa, NB-IoT Module
        - IoT ECG Sensor, IoT GPS Tracker, IoT LED Cover Device
        - NFC, Temperature, Humidity, ECG Sensor Device
        - Wearable Device
• Antenna   - NFC, RFID, Wireless Charger and etc
• Material and Substrate
• WPT (Wireless Power Transfer)
• Implantable Medical Device Technology

• Information

Based on the new advanced material, AMO has provided the competitive products in the IT, energy and environment industries since 1994.

AMO is a total solution provider in various products featuring AMO Material and Substrate. Main products are Antenna, Module, Device, Component, Material, Substrate, Wireless Power Transfer and etc.

AMO has the capability to customize the sheet and antenna design depends on the customer's request by securing technology skill and can design customized module by adopting various shape, material and electric characteristic.

AMO is a major vendor to multiple global companies in various fields and known for its credibility and stellar reputation.

Key technologies are AiP (Antenna in Package), SiP (System in Package) and Packaging. AMO provide the best solution for client's request on top of our superior patent and technical leadership.

[LoRa LTCC SiP (System in Package)]

Access Mobile co.,Ltd,

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7H18-A

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Web-site
www.mobithru.com

• Items of Exhibition

Digitalization platform for carriers
- Services on carriers' packet networks such as IBM(In-Browser Menu), mobile campaign management, content filtering(harmful or adverts)
- DMP (Data Management Platform) for carriers, programmatic buying for carriers
- Ad platform for public Wi-Fi

• Information

MobiThru® platform from Access Motion(Access Mobile) empowers carriers to run add-on services on their data networks. The platform does not limit its visibility functions to the analysis of data traffic as it also enables carriers to provide multiple add-on services, all on one platform. Users will be able to enjoy enhanced web browsing experiences such as faster loading, saving data and improved web readability with network- based ad filtering and unintrusive in-browser add-on functions. Features to detect and block harmful contents can be used for parental control; the lists of such content are updated everyday by an automated detection engine.

EMPOWERING CARRIERS TO RUN ADD-ON SERVICES ON DATA NETWORKS
Visualize the traffic, design your own service policies and enforce the policies into subscribers' data traffic.

Beaconyx Inc.

Booth No.
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Web-site
www.beaconyx.com

• Items of Exhibition

BLE Mobile Payment Solution

• Information

Beaconyx Inc. of Korea is the leading company of Bluetooth-based mobile payment solution in the world. The solution consists of BLE deivce and SDK for moibe app implementation, Dynamic-link library for POS(Point of Sale) terminal. The solution is interactive, enabling users to get back their bill transaction receipts and bill details immediately after they pay with mobile phone. The BLE-dongle works in sync with mechants' POS system, or credit card readers. It is a new payment substitute of NFC reader, Barcode and QR code scanner in stores, oil stations, parking lot, transportations. iPhones and Android-based Phones are all supported.

Daliworks Inc.

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7H21

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Web-site
https://www.daliworks.
net/en/ https://thingplus.
net/en/

• Items of Exhibition

IoT Cloud platform, IoT service, IoT solution,
Smart Agriculture, Smart City, Smart Factory

• Information

Daliworks is the provider of a IOT cloud platform named Thing+. Our platform includes ready-to-use packages designed for Smart Building, Smart Factory, and Smart Greenhouse/Agriculture usage, as well as a core dashboard and automation system designed for IOT. Partners interested in using core functionality for monitoring IOT data, as well as controlling automation through rules can use our web application and API out-of-the-box. We do also support the customization and modification of our web application and service ala Salesforce as well, if you have specific feature or functionality needs.

Finally, we provide the ability to fully white-label our platform and web application, allowing you to run it through your own branding.
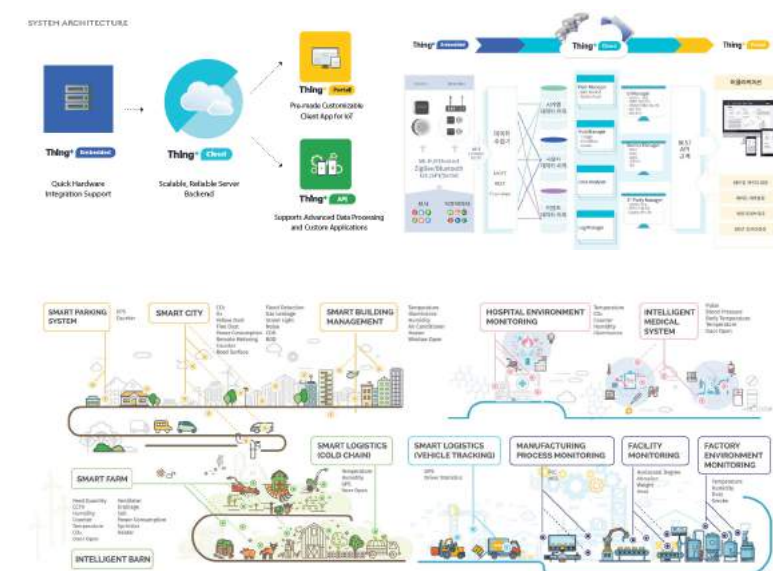
KOREA PAVILION

SBC

Small & medium Business Corporation

OFFICIAL DIRECTORY

Magpie Tech (SLM)

Booth No.
CS56

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Web-site
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• Items of Exhibition

VH-80 : The World's First Bilateral Distance Measurer

• Information

Magpie Tech is a manufacturing startup company that was established in 2015 and was founded to develop and run IoE tools. Resulting in total sales of $100,000 in 2016, and $900,000 in 2017 (export ratio: 80%), We are targeting global measurement tool market as main targeting market. Our vision is to develop tool industry into the quaternary and IoE sector, which is currently remaining in secondary sector of the economy.

Our first product VH-80 is the world's first bilateral laser distance measurer. Previous measurement such as single laser distance measurer and tape ruler require people to move to the starting point. VH-80 shoots 2 lasers for each side and measure the distance without any move. So, people do not have to move and can save their time, energy and resource. Therefore, it's new paradigm of measurement.
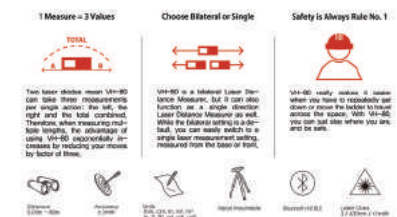
SMARTWELLNESS

Booth No.
CS56

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Web-site
cubroid.com

• Items of Exhibition

Cubroid

• Information

Cubroid - Teaching coding to help kids feel creative!

Introducing Cubroid, the world's easiest programming block set that allows children to explore the world of technology and gain exposure to programming! Through dynamic connective blocks and simple programming, Cubroid offers a fun and educational experience for children to express their creativity.

Learn how to program in a new and fun way with Cubroid! Simply build and connect with Lego blocks and bring creations to life!

Who's using cubroid?

Kids from preschool to elementary school can learn coding easily. You can teach kids easily in Montessori Schools, elementray schools, publich institutions, STEM institutions, and robot institutions.

Wearable Healthcare Inc

Booth No.
CS56

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Web-site
www.wearable-healthcare.com

• Items of Exhibition

Wearable device

• Information

"Fashionable innovation for healthcare." Wearable Healthcare Inc. is a professional value-centered company. Our purpose is to bring innovative healthcare technologies into the world in the format of a commercialized product. We exist for contributing healthcare to the global society though a variety of wearable devices.

Executives and staff members of Wearable Healthcare Inc. are acutely aware of their role in our global society. The company culture reflects a level of social responsibility equal to the challenges faced when having a positive impact on both the environment and society.

archidraw

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Web-site
www.archisketch.com

• Items of Exhibition

ARCHISKETCH : THE WORLD'S SIMPLEST INTERIOR DESIGN SOLUTION

• Information

Portable solution that takes the hard work out of measuring, 2D & 3D modeling. Furnish and decorate at your fingertips within minutes.

E-Tech

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Web-site
http://www.kidseye.net

• Items of Exhibition

Angel Brush (Smart tooth brush, Smart tooth brushing helper)

• Information

Make your children's brushing time fun with Angel Brush.
'Angel Brush' teaches the proper tooth brushing method which recommended by dentist for the children from the age of 3 to 14. Using Bluetooth and motion sensor technology, this product can help children to learn proper brushing habit with fun. Linked-up with smart phone apps by Bluetooth, it can trace user's brushing movement and show the progress in animation which is fit for child's eye-level. Including multi-lingual support, daily-assignment and level-by-age system, it can help children to develop proper brushing habit by themselves.

Ufirst Inc.

Booth No.
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Web-site
http://www.theufirst.com

• Items of Exhibition

NUGUNA Neckband for people with hearing loss

• Information

Ufirst Inc. was founded in 2015 and since its foundation has received wide recognition for its innovative technology which aims to aid people with disabilities. Ufirst Inc. has developed the NUGUNA Neckband in order to provide a solution for people with hearing loss.

NUGUNA Neckband is a neckband type wearable safety device designed for people with hearing loss, presbycusis, and noise induced hearing loss (NIHL).

It uses bi-directional microphones to sense sounds surrounding the wearer. When a sound with a higher pitch than the specified threshold is detected, the neckband alerts the wearer to the direction of the sound through vibration of its left or right vibrating motors.

By using the NUGUNA mobile application the user can access various other functions including timed alarms, social media notification alerts, natural disasters alerts. More advanced configuration of the neckband's vibration abilities is also possible with the application.

NUGUNA Neckband was designed as an assisting device for people who use hearing-aids and those who do not, including hearing people. For those already using a hearing-aid it allows peace of mind when the hearing-aid is not used or malfunctions as well as its other useful functions. For those without hearing-aids it allows to maintain awareness and avoid potentially dangerous situations. For hearing people (especially children and teenagers), it increases personal safety while using the earphones by alerting them to high pitched sounds around them through vibrations.

YOLK

Booth No.
CS56

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Web-site
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• Items of Exhibition

Solar Paper, Solar modules

• Information

YOLK is an innovative solar power company.

Solar Paper is the world's thinnest and lightest solar charger.

"Solar Paper" was launched in 2015 on Kickstarter with over $1 Million raised. Got press over 250 medias. Bronze award at Geneva International Invention Exhibition in Swiss.

Participated in CES, Retailer Show in the U.S. In 2016, "Solar Paper" was launched on Makuake with over JPY 26 Million raised.

In 2017, got CES Innovation award and ISPO Brand-new Award Finalist.

Our goal is bringing solar technology into everyone's daily life.
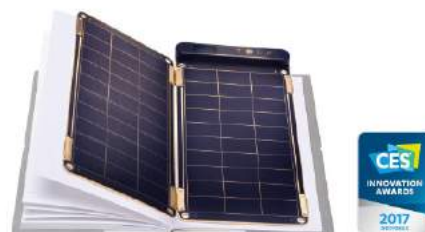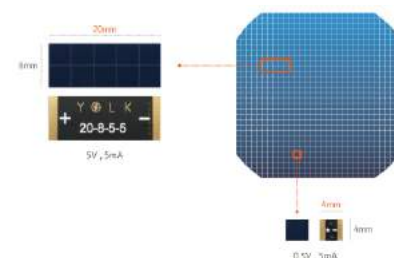
Solar Paper, world's thinnest and lightest solar charger

SOS Lab.co.,Ltd

Booth No.
CS56

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Korea

Web-site
soslab.co

• Items of Exhibition

Compact 2D & 3D LiDAR for robots, drones and self-driving cars

• Information

SOS Lab Co., Ltd. is a GIST student startup company founded by 4 PhD students. We have secured the overall technology for optical measurement sensors and equipments (LiDAR, LSV, AFM, etc.).

In addition, we have LiDAR products applicable to various industries such as robots, drones, platform screen door, and automation systems. Also, we have been developing a 3D LiDAR product to meet the demand of low-priced LiDAR product of the self-driving car industry, which is a recent issue, and it is expected to be launched in the first half of 2018.

Mavlux, Inc.

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Web-site
http://www.mavlux.com

• Items of Exhibition

WildFS

• Information

Mavlux, Inc. is a technology-based company specializing in peer-to-peer (P2P) networks and blockchain-related products. The team members are majored in computer networking, especially for distributed content delivery architecture and algorithms. Mavlux is building a decentralized resource sharing platform which utilizes the idle resources of individuals' computing devices, called WildFS. By exploiting contributed resources such as computing power, storage, and bandwidth, WildFS will provide the decentralized resource sharing platform for many application services including image store, video delivery, or file sharing. In this demo, Mavlux will show how WildFS can utilize the idle resources for video delivery to enhance the download performance and incentivize the participants' resource sharing by using the blockchain technology.
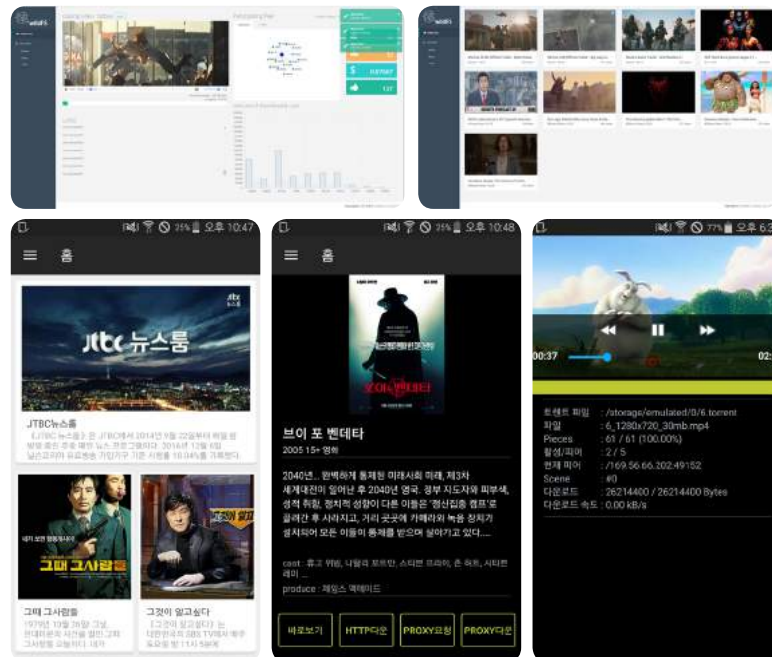
IITP

Institute for Information & communications Technology Promotion

OFFICIAL DIRECTORY

Power Silicon

Booth No.
1C51

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Web-site
www.pssemi.com

• Items of Exhibition

Smart Led lamp

• Information

The smartphone app freely controls 16 million colors.
Uses Bluetooth communication method and can control group (up to 4)

Livin

Booth No.
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Web-site
www.livinshower.com

• Items of Exhibition

Livin Shower

• Information

Livin, a company that builds hardware and software to enrich and optimize people's everyday water use in the living environment, is launching their first flagship product - Livin Shower. Livin Shower is a digital shower that lets you start a shower at your favorite temperature with just a press of a button.

Livin Shower integrates software technology with an elegant hardware to transform your existing shower into a smart and digital shower. You set a temperature, and Livin Shower will have the perfect shower temperature ready even before you step in. Also, with its unique temperature control algorithm, Livin Shower learns your shower behavior and preferences to provide a comfortable shower experience while saving water and energy.

The digital shower fixture also offers connectivity to other smart devices for a holistic shower experience. It can connect to Alexa, so you can voice activate your shower before the shower; you can control your music app on your smartphone from Livin Shower, so you can enjoy music during the shower; and it can connect to Nest to adjust the room temperature for after the shower.

Network Korea

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• Items of Exhibition

IoT Smart PDU, IoT Smart Plug, IoT Smart PDP

• Information

Individual Operation by Each Outlets
Remote Power Control (on/off)
Plug in/out Status Sensing
Real-time Power Information Transfer
-Overall power consumption analysis(daily, weekly, monthly, annually)
-Power use history

Security Function
-Unauthorized person cannot use power in Security mode.

Automatic Standby Power Cut-off
User can control plug manually as well as with app.
Power is blocked when the outlet is not pluged in, which helps safe use of power.

Lui technology, Inc.

Booth No.
1C51

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Web-site
www.luitechnology.com

• Items of Exhibition

Smart Voice Things & Plug Things

• Information

1. Why? Lui technology, inc.

IoT/M2M Original company established in Seoul, Korea. Original ICT technology start-up company. We develop smart devices and wearable products for voice processing and wireless communication. We will do our best for the success of our customers.

2. Why? Voice Things !!!

Smart conference devices (voice to Wi-Fi streaming). Your business data should be shared and recorded into the Big Data of the enterprise

3. Why? Plug Things !!!

Smart Travel Power Adapter Tab. your trip is solved that problem of AC charging. Simple, safetyrely prevent smartphone escape

Lui technology, Inc. : Voice Things (Smart WI-FI Conference)

• Voice Thing Portable
• Voice Things Table
• Voice Thing Enterprise
• Voice Things Factory
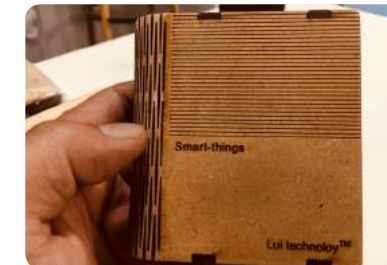
MAETEL

Booth No.
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Web-site
www.maetel.kr

• Items of Exhibition

IoT Smart Pillow:

• Information

With a mission of 'Ultimate health value service', Maetel has founded in 2016. As along with privileging our customers' health, we love to help them not to lose what is the genuine value in this rapidly changing technology world.

Our smart IoT pillow, NAME, is a perfect solution to terminate disturbances at night and review the sleep. It automatically or manually adjusts the height of pillow to fit the best for individuals. And it stops snoring and apnea without interfering your sleep. Also, NAME has magnificent functions which are: records the snoring sounds and noises; sets a morning alarm and various phone notifications from the pillow; sensors toss and turn, sleeping hours, other noises during sleep, detects REM/NREM; and presents temperature and humidity. It will be launched quite soon after MWC.

Lillycover, Inc

Booth No.
1C51

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Korea

Web-site
www.lillycover.com

• Items of Exhibition

Portable personalized Skincare Total Solution

• Information

Lillycover suggest 3 steps total solution.

The first is the massage function to regenerate skin by the atmospheric plasma technology. The second is diverse-dimensioned skin diagnosis by camera and sensor. The last is in the real time skin care by the application. Furthermore, we have a goal to give motivation to users for more healthy and beautiful skin. LILLYCOVER suggest highly developed functions. The first is skin diagnosis included self-developed algorithm to analyze pores, wrinkles, and redness. By the 60X magnification camera, it can find this information in real time. The next is plasma massage to regenerate skin considered the different skin intensity. The last is to do the user's information tracking and suggest continuous information and care tip by the mobile application.

SMARTSOUND CORPORATION

Booth No.
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• Items of Exhibition

SKEEPER (Smart Health Keeper)

• Information

Smartsound Corporation was established in 2011 with the vision of being "the company with the World's Best Smart Healthcare Products". Based on our core "Sound Processing Technology", we develop IoT-based Smart Devices by combining various sensors that can measure human signals.

We collaborate with leading medical professionals to design and develop Smart Algorithms to provide personalized healthcare products specialized for the whole family. In the future, we will enable transmission of the measured human body signals to

Cloud Server (Big Data) and provide a conversion diagnosis platform service with AI/Deep Learning Technology.

Vision: The Company with the World's Best SMART Healthcare Products utilizing its core competence, "Sound Processing Technology"

Jongromedical.Co.Ltd

Booth No.
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Web-site
http://oview.kr

• Items of Exhibition

Smart Ovulation Test, O'view

• Information

O'View is a easy and simple to use. By using women's saliva to predict ovulation dates and by interlocking information through the smart phone application it gives a accurate results as to if one is in ovulation.

- (FDA Device Listing Number & Proprietary Names)
- D313441 / O'VIEW
- D313442 / O'VIEW strip

- How to Use
1. Collect: Using the test sheet take a sample of saliva.
2. Connect: Connect the predicting device with smartphone.
3. Execute: Progress smart phone application.
4. Picture: Insert test sheet into device and photo using smart phone.
5. Results: Check results by using the application.
6. Share: Share data with physicians.

- Strength
● World's first interlocking ovulation prediction kit through mobile services.
● Confirmation of ovulation through mobile equipment
● By using one-time-use test sheet, it is sanitary.
● 24hours earlier in predicting ovulation than urine tests.
● Analyzing patterns from collected saliva samples making it easy for users to use and gather information.
● Analyzing and saving data
● Making it possible for patients to care and manage self-health records.
● Immediate data sharing is available with physicians.
● Sharing with spouse
● Preparing / gathering information for pregnancy through birth.

Rozetatech

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• Items of Exhibition

Posfir / PreFAI

• Information

Rozetatech has hopes to escape the limitations of its HOME IoT and become a global leader, with its Industrial IoT (IIoT) technology driving a shift in every industry.Rosetta Stone was born anew, inspired by the role of the mission, in interpreting the secrets of Egyptian hieroglyphics that have brilliantly revealed the hidden past of human history. This is something that I would say is very important as a global company, starting with my mission. Many entrepreneurs, they want to be global businesses.However, not everyone can achieve the dream. They believe the opportunity is for businesses that don't stop dreaming, try, try, and prepare.Through its infinite imagination and daring challenge, it is success that although everyone is still in doubt, it is only through strong conviction and constant effort for the possibility itself.Lots company not easy to maintain its 100-year-old business, and aims to make the company go on to its goals with the sweat of challenge in the fiercely competitive world of modern technology.If we take precautions with IIoT/IoT technologies in the future, the Republic of Korea will safely be anchored in the port of developed countries, and with the future hopeful generation who will be able to move forward with the larger ocean.

Rozetatech., Co. Ltd business categories;

IIoT Smart Fire Monitoring SystemIIoT Smart Place Monitoring SystemIIoT Smart Environment Management SystemIIoT Smart Factory Monitoring SystemIoT Smart Health care Monitoring systemIn one of these ... fieldsWe ask you to give us your advice and encouragement on the big challenge of Rozetatech.

IIoT Global Leader Corporation of RozetaTech Inc

Ufirst Inc.

Booth No.
1C51

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Web-site
http://www.theufirst.com

• Items of Exhibition

NUGUNA Neckband for people with hearing loss

• Information

Ufirst Inc. is a South Korea based start-up company established in 2015 which manufactures wearable wellness devices with integrated IT technology. It received recognition by winning numerous awards and is set on 'innovating a better world.'

Ufirst's signature products include:

1. NUGUNA Neckband - a wearable, wellness, safety device for people with hearing loss.

2. NUGUNA Safety Wireless Earphones - safety wireless earphones with integrated sound amplification function.

We believe that through technology we can make the world better. We believe that through technology we can make the world better.

NUGUNA Neckband is a wearable, wellness, safety device for people with hearing loss.

NUGUNA Neckband vibrates when a sound with a higher-pitch than the specified settings is detected (such as car horns, fire alarm etc.) and alerts the wearer to the direction from which the sound is coming from. In addition, NUGUNA Neckband allows the user to set various personal vibration alarms (phone calls, SMS, natural disaster alerts) through its mobile application.

Based on the technology developed for NUGUNA Neckband, NUGUNA Earphones are neckband type safety earphones that allow users to listen to music, podcasts, etc., in safety as they alert the wearer to sounds around them. They also include sound amplification which allows people with hearing trouble to amplify sounds when they need to.

AVAD Co., Ltd

Booth No.
1C51

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Web-site
www.avad.co.kr

• Items of Exhibition

Sleeping child check system in school bus

• Information

■ AVAD Co., Ltd. Introduce

- IoT convergence service specialist company that makes life safe and convenient

- "Embedded SW, Precision GPS, LBS, IOT, M2M" technology + "Safety & Security"

■ Product Introduce

- Sleeping child check system in school bus without installation work
- Easy to spread by minimizing construction and operation costs with NFC and mobile technology
- Automatic detection and notification of violation of safety rules through intelligent control system
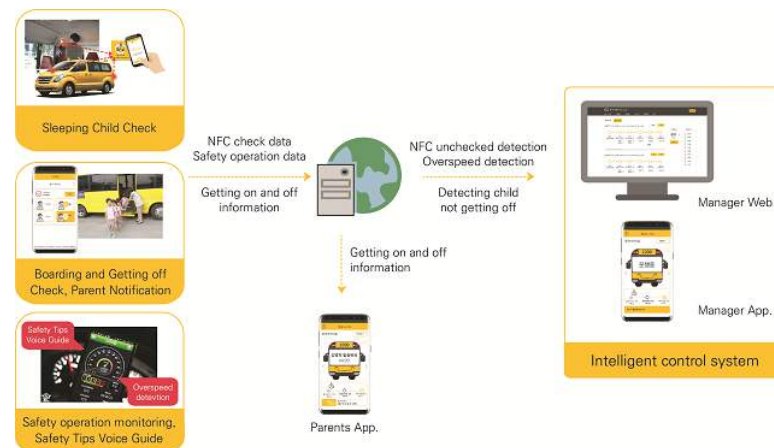
GwangJin entterprise

Booth No.
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Web-site
www.gjagro.co.kr

• Items of Exhibition

Pest control machine

• Information

Company: Gwangjin Company is a company established in February 1999 that manufactures, sells, designs, and builds agricultural facilities. In particular, a great deal of research is being done on the automation of agricultural facilities utilizing agricultural automation and ICT.

Product: IoT driven pest control system : A pest control system that uses various sensors is eliminated by recognition, sound, and avoidance, and an IoT network is reported to the central control system and users. Remote control is also available from a centralized system and applications.

3.14 Co.,Ltd.

Booth No.
1C51

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Web-site
http://www.kamibot.com/default.php

• Items of Exhibition

Kamibot Basic set

• Information

Kamibot is a programmable robot that can be transformed into virtually any cartoon,videogame, or movie character with character papercrafts. Because the material is paper, it is inexpensive and easy for us to manufacture new characters quickly. Children can learn to program with any character they choose. All they have to do is find the character they like on our webpage, download it, and print it out for free. Parents don't have to worry about their child getting bored of their toy in a week, and better yet, they don't have to break the bank by trying to buy their child multiple smart toys.

Circulus Inc.

Booth No.
1C51

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http://www.circul.us

• Items of Exhibition

Social robot

• Information

Company

Circulus is a startup with the slogan "do right, be light" that is developing a social robot for making the life of single-person family better.

Rather than simply making robots, we are developing social robots that can connect people and robots and more importantly act as hubs between people and people based on AI, IoT, Cloud, Big Data technologies.

Looking forward to the next generation with robots, we always try to develop a robot with you.

Product

Social robot, piBo is a soul mate who always lives with you as a single-person family and understands and resembles you though communication.

Providing information such as news, weather, discovery over the Internet and you can upgrade your piBo to new abilities though a range of applications

1. Soul Mate

Remember every moment with you and become more like you sharing voice diary, photos and conversations with robot SNS. piBo is also learning the human mind though social data on the Internet.

2.Information Reporter

Summarize daily information such as news, weather, discovery on the Internet and register your schedule and manage it. You can also communicate remotely though your smartphone.

3. Bot Store

To your friend piBo, give new abilities such as a teacher, musician, or poet. The bot store offers a variety of applications to enhance the power of piBo. You can also easily configure your applications or chatbot.

LiBEST Inc.

Booth No.
1C51

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Web-site
www.libest.co.kr

• Items of Exhibition
LiFlex strap

• Information
Company Intro.
LiBEST Inc. is a tech startup founded to create a better life for everyone and is committed to the acceleration of the wearable devices revolution.
We believe we can widen the wearable device market with our revolutionary, flexible battery LiFlex™. The key existing limitation in the field of wearable devices is that battery capacity is too low to support devices. LiFlex™ has high enough energy density to provide smart devices with power, and at the same time, it is flexible for the full range, which offers a perfect fit for wearable devices. This distinctive and unique feature will give the comprehensive range of products maximum functionality.

Product Intro.
More Battery, More Comfortable.
Introducing LiFlex strap from LiBEST.
Now you can charge your Apple Watch right on your wrist.
Leave your charging cable at home and just enjoy your watch.
It is elegant leading edge and rechargeable by lightning cable.

VOIXATCH

Booth No.
1C51

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Web-site
www.voixatch.com

• Items of Exhibition
BEZEL PLATFORM

• Information
Make your smart watch real smart with BEZEL PLATFORM.

The key of 'BEZEL PLATFORM' is infinite extendability for smart watches.
Each of us has different lifestyles and different feelings and goals each day.
In order to satisfy every other of us at this moment, existing smart watches have extendability problems coming from size.

For example, there is a privacy exposure problem when you call through a smart watch. Because the speaker of a smart watch can't deliver calling sound directly to your ear, but it moves in all directions so that everyone aroud you can hear what you talk.

But, with BEZEL EARSET of BEZEL PLATFORM, it offers privacy protection as well as a handsfree earset that allows you to use both hands freely.

Get the infinite extendability on your wrist with the 'BEZEL PLATFORM' which makes you can choose the features and designs you want.

We, VOIXATCH, are a smart watch solution compay. We are now looking for a smart watch manufacturing company with our solutions. If your company wants to produce a unique smart watch and gain market competitiveness, contact us.

K O R E A
PAVILION

NIPA

National IT Industry Promotion Agency

OFFICIAL DIRECTORY

TwoEyes Tech. Inc.

Booth No.
8.1C31

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Web-site
http://www.twoeyestech.com/

• Items of Exhibition

3D 360º VR camera 'VUO'

• Information

TwoEyes Tech is a company that has developed a 3D 360° VR camera 'VUO' for consumers that captures images using two pairs of fisheye lenses arranged 65 millimeters apart, just like the eyes of a human, thus allowing for a more comfortable VR experience. VUO was successfully funded on Kickstarter and was granted a CES 2018 Innovation Awards in the VR and AR product category. We are looking for partners who have worldwide distribution channels to launch our product on the global market.

SPACOSA Corp.

Booth No.
8.1C31

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Web-site
http://www.spacosa.com/en/

• Items of Exhibition

Location cloud platform & GPS tracker

• Information

Spacosa is a leading location-based services company committed for finest location-based solution to both consumer and commercial clients.

In partnership with SK Telecom, we are offering GPS tracker "Gper" using nationwide LoRa Network as well as Location Cloud platform "CatchLoc" a web-based monitoring solution. We plan to bring cutting-edge location platform employing LTE Cat.M1 in 2018.

Our exhibit for MWC 2018 includes personalized band-type GPS tracker "Gper-mini" and specialized vehicle tracking GPS tracker. Please visit our booth for more information and experience an easy solution to stay connected anywhere, at all times.

BISECU

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8.1C31

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Web-site
http://bisecu.com

• Items of Exhibition

Bisecu Smart Bike Lock

• Information

Bisecu develops the smartest locks for bikes.

Bisecu Smart Bike Lock is the first fully automated and the lightest lock, based on innovative form, integrated with smartphones. Furthermore, the built-in sensors measure and analyze the riding experience precisely.

Bisecu aims to provide the smart bike sharing solution based on these hardwares and the service providers will be able to provide affordable and easy bike sharing service through Bisecu

VUiDEA INC.

Booth No.
8.1C31

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http://colorpopup.com/

• Items of Exhibition

3D coloring – Playing House 1, 2 Series

3D Coloring -Dinosaur ColoringBook Series

• Information

VUiDEA started the company in September 2013 as a start-up where a core developer of professionals in augmented reality, virtual reality and educational technology theory had gathered up to help children to like studying, increase concentration, and improve linguistic ability.

Since it's establishment, VUiDEA has been continuously researching and developing mobile algorithm, and technology.

Furthermore, in 2014, VUiDEA made an application for patent for world's first mobile solution "Color PopUp". Color PopUp is a fused type of utilization with augmented reality and coloring using crayon and color pencils.

For children, the age from five to twelve they develop their personality and aptitude during this period. Color PopUp based on ICT-DIY. Color PopUp includes advanced algorithm and educational technique which serve as a key element to fulfil lack contents of the educational environment curriculum.

VUiDEA is committed to listening to our customers (as teachers who are in the front line of educational environment as well as toddlers, elementary school students, and parents) to understand what they want and what is important to them.

Also, We promise to provide unremitting effort, and progress of the latest technology products. Hopefully, the education goes tigh view ideas to fulfill dreams of children.

Asking for your continuous interest and support.

Virfit Corp.

Booth No.
8.1C31

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Web-site
http://www.vhoop.net

• Items of Exhibition

VHOOP: Smart hoop

• Information

Virfit provides fun and easy solutions to the modern people lacking exercises. Our vision is to make people healthy and happy by providing smart exercise tools and touching exercise coaching services.

We continue to research exercises that are fun and sustainable and create tools for homes and fitness centers using modern technologies.

In fact, we were the first to invent digital IoT incoporated hoop-VHOOP™. VHOOP™ not only keeps track of consumed calories, exercise hours, number of twirls, but also gets you connected to people all over the world to make exercises more fun by providing rankings, levels and other events.

Apposter Inc.

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8.1C31

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Web-site
http://apposter.com

• Items of Exhibition

SMART WATCH Watchface Curation & Making Platform Service

• Information

Apposter Inc. operates MR.TIME, the world's number one watchmaking service based on the know-how of smart watch S/W technology.

'MR.TIME' is a simple procedure to create and apply watch faces, and provides various curation services and communication functions.

Launched in September 2015 in the global marketplace (Google Play, Galaxy Apps, App Store), it has 1,000,000 downloads and 500,000 members.

We provide high-quality premium watch face sales and various functions to provide proven services with user needs and quality.
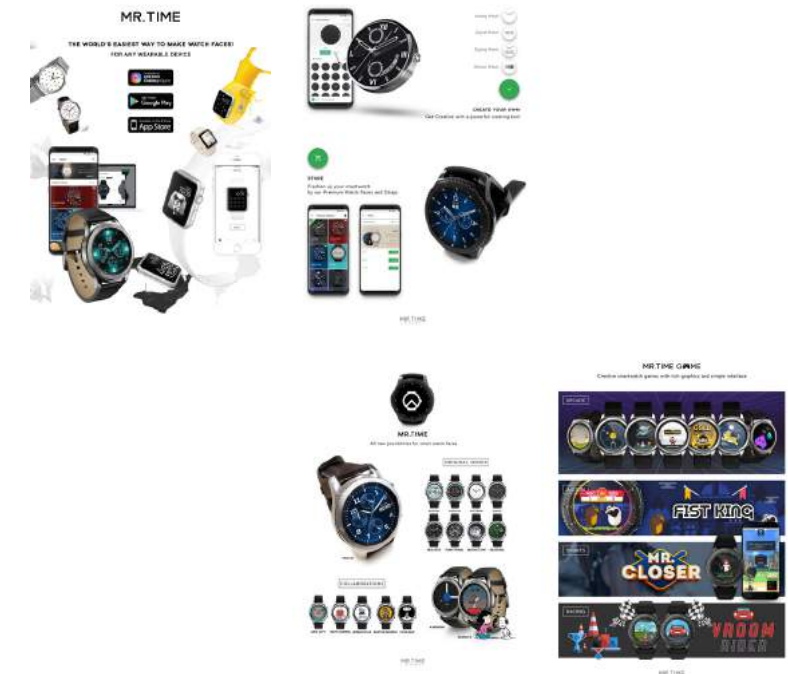
iSharingSoft Co..Ltd.

Booth No.
8.1C31

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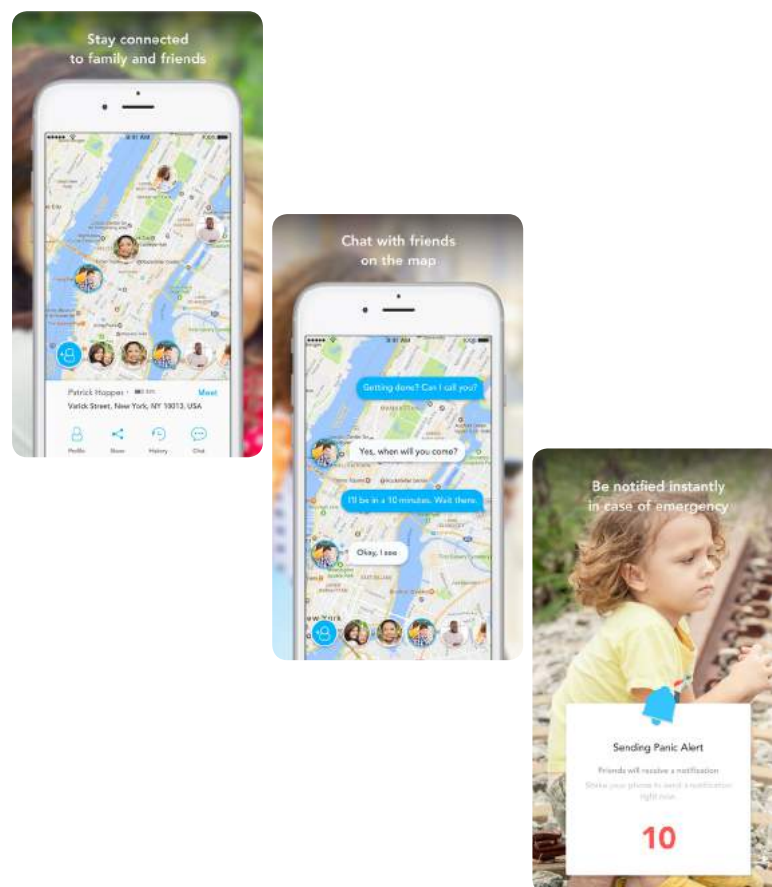
• Items of Exhibition

iSharing-Location Contents Platform for Family

• Information

iSharing is a real time family and friends locator app.

We help parents and caregivers reduce anxiety around whereabouts their loved ones with easy tracking and alerting messages.

We have more than 3.5million users and provides service more than 50 countries around the world. We have ranked Top1 in Korea, Japan and Indonesia.

JUNGGAM Co.,Ltd

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8.1C31

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• Items of Exhibition

IoT Smart Light

• Information

We produce LED lights and research colors which influence human's emotion. Onia lighting has color therapy advantage.

We have researched clinically about various light with colors and emotional states continuously and invested in service improvement.

IoT Color Therapy Smart Light.

Magic of color 'Onia' curing heart.

Onia can be controlled remotely by Bluetooth communication,

and it analyzes psychological consulting solution made through bio rhythm and clinical experiments and provides user required personal color. And it provides various smart functions; such as theme mode that can be used conveniently by application, natural mode function containing natural light, fun function that changes color by the motion of smart phone, wake up and sleep function that turns on and off by setting time.

KOREA
PAVILION

KAIT

Korea Association for ICT Promotion

OFFICIAL DIRECTORY

WISEnut, Inc.

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1H1

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Major Partners
- Global : NBC.
  com(USA), Hitachi
  system(Japan),
  E-Mexico(Mexico),
  Hanyouzan(China),
  etc.
- Korea: 3,000
  customers
Samsung, LG, Hyundai
motors, SK telecom,
Korean Air, Daishin
Securities, etc.

• Items of Exhibition

AI, Big data, Chatbot, Search

• Information

Description

Established in 2000, WISEnut, Inc. is a leading AI solution company in South Korea that offers various AI-related products and services with its own strong core technology such as deep learning, text mining, NLP, big data crawling/analysis/search, etc.

Also It is a global hidden champion that exports solutions to 10 countries including NBC.com in USA

o Major Awards

- Korea Mobile Award (Prime Minister Award, 11.2017)

- Grand prize winner of K-ICT Intelligence Information Sector (Minister of Science, ICT and Future Planning Award, 12.2016)

Product and Service

1) WISE i Chat

- AI ChatBot solution (* 'Communication software based on artificial intelligence' which provides appropriate answers and hidden information through communicating with customers)

- Provides knowledge and information appropriate to the user's intentions by applying key artificial intelligence (ex. pattern recognition, natural language processing, text mining, and deep learning to unstructured text)

- Applied field: Finance, Distribution, Education, Enterprise, Public, Contact Center, Service, Hospital, etc.

2) Search Formula-1

- Big data search solution showing fast and accurate results

- Morphological analysis technology for English/Chinese/Japanese/Korean

- Offer to NBC(Major News portal in USA), E-Mexico(E-government portal in Mexico), etc.

- Applied field: Enterprise, Public, Finance, E-Commerce, etc.

Major Partner / Reference

- Global : NBC.com(USA), Hitachi system(Japan), E-Mexico(Mexico), Hanyouzan(China), etc.

- Korea: 3,000 customers

Samsung, LG, Hyundai motors, SK telecom, Korean Air, Daishin Securities, etc.

LINKFLOW

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1H1

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Web-site
linkflow.co.kr

Major Partners
- Korea : Samsung,
  LOTTE

• Items of Exhibition

VR, Wearable, 360° Camera, Digital Imaging

• Information

Description

LINKFLOW is a hardware company that produces 360-degree Wearable Camera, FITT360 Series. FITT360 is the world's first and only necklace-like 360° camera available today. The LINKFLOW, team behind the FITT360, is co-founded by the experts with more than 15 years of globally known hardware products within SAMSUNG.

o Award and Honors

- CES 2018 Innovation Award (November, 2017)

- Good Design 2017 Gold minister Award (December, 2017)

o Main Technology

- Wearable design, Stitching algorithm, Image stabilization technology (Hardward, Software), Image exposure compensation technology

Product and Service

FITT360

• As a necklace-like camera that goes over one's neck, it captures full viewpoint of oneself in first-person-view expanding one's memory to 360°.

• 3 Full HD 1080p cameras provides 4K Resolution images capturing 360° surroundings in true First-Person-View.

• Outputs are stitched automatically with the propietary stitching technology.

• Patented image stabilization technology to minimize the shakings of footages.

• Quick Capture Button to activate video/photo shooting in a click of a button

• 90 minutes of running time per a fully charged battery.

• Wi-Fi & Bluetooth to communicate to the phone via Bluetooth or Wi-Fi to access more features on the mobile app.

• Built-in GPS

Major Partner / Reference

- Korea : Samsung, LOTTE

Customer Value and Benefits

• The new form of camera allows the customer to go out, do more and take less as you should for any type of adventure or travel.

• It puts every user from shooter to viewers right back into one's never-again-moments.

• FITT360 is also paired with an application where one can check the draft video in real-time. Furthermore, one can share the vivid moments with friends and families with or without a VR gear Headset

ETRI

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1H1

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Web-site
www.etri.re.kr

• Items of Exhibition

SW·Contents Research, Hyper-connected Communication Research, ICT Materials & Components Research, Broadcasting and Media Research, 5G Giga Service Research

• Information

Description

Since 1976, ETRI, Korea's largest government-funded research institute, has played a central role in establishing Korea as one of the world's most advanced countries as regards information and communications technology.

ETRI has produced some of the most significant developments for Korea's technological advancement. ETRI developed the TDX, DRAM, CDMA, WiBro, Terrestrial DMB, 4G LTE Advanced, Portable Translation system.

Product and Service

o Trust Cloud Connections & Data

- Software based on trust connection control & management technology for secure tunnel establishment and access
- Data shuffling technology based on variable block/key length provides data(document/ image/voice/video) security

o Mobile Interactive AR Experience

- Authoring interactive 3D augmented content through multimodal interactive motions such as touching, drawing and gesturing
- Using general Android or iOS smartphones for this solution instead of specially customized and expensive devices
- Efficient and competitive cost to maintenance(costs a tenth of existing solutions)

o AR Photo with K-Star

- Technology that locates the image of the avatar right next to the users automatically.
- Technique that synthesizes photo according to the interaction with the avatars.
- Reconstructing photos synthesized from kiosks on mobile

o Computer-assisted English language learning

- [Speech Recognition] deep learning based on English speech recognition, optimized for non-native speakers
- [Pronunciation Assessment] accurate speaking fluency estimation by various pronunciation evaluation indicators
- [Dialogue Processing] interactive dialogue processing for a given topic with the chatbot for natural conversation
- [Grammar & Expression Learning] conversational English speaking practice and educational feedback by the grammatical and expressive error detection

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MINDs Lab

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1H1

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Web-site
mindslab.ai

Major Partners
o Korea : KEB Hana bank, LG Samsung

• Items of Exhibition

AI Plaform, Big Data, Cloud

• Information

Description

Minds Lab, Inc. is an artificial intelligence platform company and provides solutions based on machine learning and big data. Founded in January 2014, the company has earned its reputation as a leader of AI industry in Korea and developed overseas businesses. This year, Minds Lab's own AI platform, maum.ai, has been launched. The goal of the company is to create global AI network.

- Minister Award, Public Technology Commercialization, Ministry of Science, ICT and Future Planning (2017.02)
- Recognition of Excellence, International Telecommunication Union (2017. 09)
- Minister Award in Intelligence Information, Ministry of Science, ICT and Future Planning (2017.12)

Product and Service

o maum.ai

- All of MINDs Lab's algorithms, engines, big data and business applications have been integrated into one platform "maum.ai". It allows the use of various business applications in a "Plug-and-Play" manner.

o Business Applications

- maum VOC: Contact center solution which analyzes voice of the customer.
- maum Chatnot: 24/7 services which increase customer satisfaction rate and the quality of service
- maum English: English education service based on AI
- maum MRC: provides answers to professional-level questions

Major Partner / Reference

o Korea : KEB Hana bank, LG Samsung

Customer Value and Benefits

o Customized Solution: plug and play over 20 types of engines

o The most up-to-date AI algorithms available

Stealth Solution

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1H1

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Web-site
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Major Partners
Domestic :
· KHNP (Korea Hydro and Nuclear Power)
· ETRI (Electronics and Telecommunications Research Institute)
· DCC(Defense Communication Command, Korea Army)
· KOEN(Korea South-East Power)
In progress :
· KEB Hana Bank
· GYEONGGI PROVINCE etc.

• Items of Exhibition

Network Connetion Control/Security R&D

• Information

Description

A professional develope company of secure and efficient Trust Connection Control (TCC) solutions based on whitelist.. We are trying to secure various customers both at home and abroad.

o Patent
- COMMUNICATION METHOD BASED ON MULTIPLE TUNNELING
o Main technology : Network connection control/Security R&D

Product and Service
· TCC Gateway : White List-based Network Access Control
· TCC Manager : Global Authentication
· TCC Agent : Authentication
· Security Posture : Device & Terminal Protection Solution

Major Partner / Reference
Domestic :
· KHNP (Korea Hydro and Nuclear Power)
· ETRI (Electronics and Telecommunications Research Institute)
· DCC(Defense Communication Command, Korea Army)
· KOEN(Korea South-East Power)

In progress :
· KEB Hana Bank
· GYEONGGI PROVINCE etc..

UNITOENTERTAINMENT

Booth No.
1H1

Web-site
www.unito-ent.com

• Items of Exhibition

AR, VR, Simulation, Avatar contents development

• Information

Description

UNITO Entertainment developed realistic experience AR kiosk (IAVA), mobile solution (Playdium) and digitalized K-Star based on high-quality contents development technology including performance motion capture and avatar contents. AR kiosk allows realistic virtual photo shotting through interaction with users and Playdiume plays the role of synthesizing new character contents with users through smartphone and share images through SNS. Currently we are carrying out collaboration with various enterprises such as game companies and screen baseball companies in South Korea.

o Technology : Performance Motioncapture , VR Simulator , AR Kiosk App development

Product and Service

K-Star AR Photo Zone & Mobile technology

UNITO Entertainment developed realistic experience AR kiosk (IAVA), mobile solution (Playdium) and digitalized K-Star based on high-quality contents development technology including performance motion capture and avatar contents. AR kiosk allows realistic virtual photo shotting through interaction with users and Playdiume plays the role of synthesizing new character contents with users through smartphone and share images through SNS. Currently we are carrying out collaboration with various enterprises such as game companies and screen baseball companies in South Korea.

- A technology that locates the image of the avatar right next to the users automatically.
- Technique tho synthesize photo acctording to the interaction with the avatars.
- Reconstructing photos synthesized from kiosks on mobile
- Performancd motioncapture
- Mobile game

ANIPEN

• Items of Exhibition

Augmented Reality, Multimodal interactive authoring technology

• Information

Description

AR experience zone is a new digital signage based on our patented authoring technology of compositing interactive contents in real time. It provides users to make AR snap videos with 3D motion characters. Large screens connect with mobile devices, allowing an audience to interact with these characters. Users enables to share the videos to SNS right away. ANIPEN has collaborated AnibeaR Zone projects with B2B partners over 10 sites in global.
Awarded
- The best 100 R&D projects of the year from Minister of the Ministry of Science, ICT and Future Planning (2017)
- Award commendation from Ministry of Culture, Sports and Tourism (2017)

Product and Service

Interactive AR Experience Zone – AnibeaR Zone

AR experience zone is a new digital signage based on our patented authoring technology of compositing interactive contents in real time. It provides users to make AR videos with 3D motion characters. Large screens connect with mobile devices, allowing an audience to interact with these characters. Users enables to share the videos to SNS right away. ANIPEN has collaborated AnibeaR Zone projects with B2B partners over 10 sites in global.
- Authoring interactive 3D augmented content through multimodal interactive motions such as touching, drawing and gesturing
- Using general Android or iOS smartphones for this solution instead of specially customized and expensive devices
- Efficient and competitive cost to maintenance (costs a tenth of existing solutions)

Major Partner / Reference

Business partners

COEX, Incheon International Airport, LINE FRIENDS, ICONIX, Lotte Vietnam, TUBAn, HanilSynthetic Fiber

Technical Relationships
- Google ARCore Best Local Practice
- Google Tango Project Early Access Partner
- Microsoft HoloLens Wave 1 Invitation Developer
- Qualcomm Vuforia / PTC AR Beta Programmer / Preferred Developer

Fourthlink

• Items of Exhibition

Railroad Communication, ICT Integration, Networking & Surveillance, Blockchain, Network Security and Mobile businesses

• Information

Description

Fourthlink Inc. is an innovative IT company with high-level technologies and experiences based in Korea, a leading country in ICT(Information & communication Technology) services. It was founded in 1996 and listed in KOSDAQ in 2002 with high expectancy by investors. Since it was founded, it has been overcoming many difficult situations and continuously developing its capabilities of new value creation even among serious competitions.

Fourthlink provides 6 categories of business portfolios such as Railroad Communication, ICT Integration, Networking & Surveillance, Blockchain, Network Security and Mobile businesses based on proprietary technology of Fourthlink.
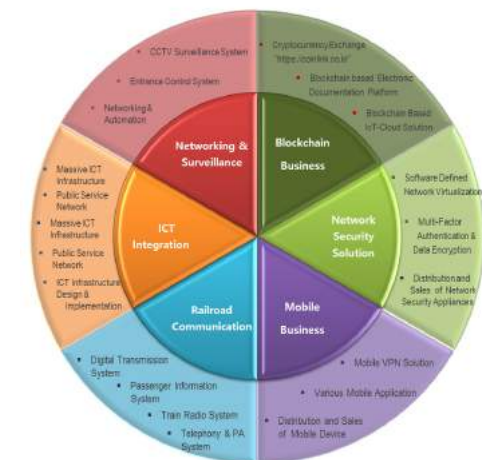
Major Partner / Reference

- Global : AimToG, NOKIA
- Korea : POSCO ICT, LSIS, Hyundai Information Technology, SK C&C

H&Bit

• Items of Exhibition

Mobile Image Security App, Video Image Security ,

Document Security Solutions, Security Keypad App

• Information

Description

H&BiT is company of developing encryption solutions that collaborates with ETRI, PRO company in Japan, FUJIXEROX, SKT, KT in South Korea and others. It is a growing technology that aims to expand the global market by registering patents in LIPEX-based technologies in major countries including USA, Intensive security specialist.

Product and Service

o Real-time Encryption/ Decryption Solution for Distribution Documents

- A complete document security solution that creates document file properties in image format and then encrypts image documents in a mixed image format without breaking them into file formats (binary), splitting the image into 1 / N.

- Current Issues : The final document generation file of DRM document security is a pdf file (xdw, xdb of Xerox) and it is encrypted with AES (USA, Japan), SEED (Korea), ARIA (Korea), SM3. However, the group of hackers who hacked it is releasing the password as if it is seen. (See Ministry of National Defense, Korea Hydro & Nuclear Power, NASA, SONY hacking case)

- Problem Solution: Converting pdf to image (Jpeg, Tiff, Bmp, etc.) without encrypting it in file format (binary) and then split it into 1 / N

o LIPEX Image Security APP

- Supply of APP to securely store documents, images, and movies stored on mobile phones with image shuffling technology.

- Supply Route: Google Play Store, Apple Store, Chain Operator and Promotional App Distribution (SPC)

o CCTV, IP Camera, Black Box, drone Image Encryption

- It is a streaming video security technology that is a complete image encryption technology that encrypts image frame image in 1 / N format without encrypting it in file format (binary) and encrypts it as a mixed image format. It was alternative described No. 2016-370 "Personal video information protection law " of the Ministry of Government ministration and Home Affairs Exhaustive key search attack.

o User-friendly authentication and one-time security keypad APP

- It is a one time password (OTP) solution (terminal, PC, tablet, smart phone, etc.) for system connection authentication. It is a technology that prevents other people from accessing the account even if password information is leaked.

Major Partner / Reference

- Global : Japan PRO, Fuji Xerox, NTT Data, PWC Global
- Korea : KT, SKT, Hanhwa Techin, Hana Financial Group

HANCOM Inc.

• Items of Exhibition

AI, Big-Data, Automated Translation

• Information

Description

Spearheading Globalization

Hancom provides Office software and a variety of other sets of software to the world market to enhance your productivity.

Our Office Solution, compatible with both PCs and mobile devices, hold their own against solutions developed overseas and make for success stories as a mother tongue Office software.

Partnership

The Hancom Group consists of Hancom Interfree (automated interpretation and translation solution provider), Hancom Communication (platform service provider of cloud-based content distribution), and Hancom Flexcil

(digital note-taking service provider) as well as providers of SW (software), hardware, and financing services providers, for a total of 14 entities.

HANCOM INTERFREE

HANCOM MDS

Booth No.
1H1

E-mail
genietalk@interfree.com

Web-site
www.interfree.com

Major Partners
Partners : HANCOM, ETRI, SYSTRAN

Reference : Official supporter App for Olympic Winter Games PyeongChang 2018

• Items of Exhibition

AI, Big data, Speech Recognition, Machine Translation

• Information

Description

HANCOM INTERFREE connects humans with other humans and humans with technology. At HANCOM INTERFREE, we provide total translation solutions using our world-class speech recognition and automated translation technologies.

In cooperation with our parent company, HANCOM and the Electronics and Telecommunications Research Institute (ETRI), an institute with over 20 years' experience in instant translation, we create differentiated customer value across a variety of fields.

We continue to strive to develop and excel in the fields of automatic interpreter devices, multi-language document translation API, speech recognition / automatic interpretation solutions, translation solutions, IoT and new concept VR language learning solutions.

Product and Service

GenieTalk mobile app for iOS and Android

An automated translation app which based on Korean language with speech recognition, text and OCR input technologies. It also provides translation feature in off-line environment without internet connection.

o GenieTalk TEXT for Cloud and Enterprise

- Translation engine : HNMT (HANCOM Neural Machine Translation), a product of HANCOM's natural language processing and AI know-how, features a hybrid machine translation engine that integrates the advantages of Rule-Based Machine Translation (RBMT), Statistical Machine Translation (SMT) and Neural Machine Translation (NMT).

o Supported languages: 150 language pairs and a total of 1,640 languages through pivot based machine translation High-volume, cloud-based training Provides translation REST API Web-based translation and project management tools, browser-based translation tools Exceeds corporate expectations for quality, cost, and productivity

Major Partner / Reference

Partners : HANCOM, ETRI, SYSTRAN

Reference : Official supporter App for Olympic Winter Games PyeongChang 2018

Customer Value and Benefits

Translation service which is specialized on Korean language with high-quality but low-cost

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Booth No.
1H1

Web-site
eng.hancommds.com/

• Items of Exhibition

IoT, Embedded SW

• Information

Description

Hancom MDS has been focusing on the embedded solutions industry for more than 20 years. We provide customers with global cutting-edge embedded solutions and aim to help customers reduce time-to-market while improving quality by providing the most effective total solutions for embedded industries. Hancom MDS has been expanding the business domain in the field of IoT and provides NeoIDM as the representative product.

Product and Service

NeoIDM(IoT Device Management Platform)

NeoIDM is an IoT device management platform for data collection, control, firmware update, and monitoring of IoT devices. NeoIDM is based on LwM2M which is an international standard. It is designed to be easily applied to heterogeneous equipment, low-end sensors, gateways and servers, so it can be applied to various IoT industries.

Image Filtering Solution

Image Filtering Solution aims for a lower level of noise in records/images by reducing effects of environmental variables. Based on RETINEX Algorithm that captures the scene as it appears to the human visual system, this solution extracts the light component and balances procedure.

SanCheong

• Items of Exhibition

Fire service, homeland security, law enforcement, military, Chmical & maritime industries

• Information

Description

Sancheong is a leading company in specializing Personal Protective Equipment (PPE), providing a complete total solution for personnel protection in the area of military, emergency relief, firefighting and different kinds of industries.

o Technologies : SCBA, Monitoring system, Team Communication system.

Product and Service

■ SCBA(Self-Contained Breathing Apparatus)

- Provide breathable air to firest responder in an immediately dangerous to life or health(IDLH) atomosphere.

■ SanCheong-NET

- It provides the monitoring of the state of the team in real time with wireless communication. Field command post with SanCheong-NET can order an evacuation remotely to respond the emergency situation.

■ Team Communication System

- It provides hands-free communication among team members at close range in 400MHz as well as communication with external radio units with the push of a button on the scene of a fire or disaster.

Major Partner / Reference

- KMOD(Korea Ministry of National Defense)
- Public Procurement Service
- National Fire Agency
- Korea National Police Agency
- Samsung
- LG

IRISYS

• Items of Exhibition

Iris/Facial Recognition Security Solution

• Information

Description

IRISYS Co.,Ltd. is a South Korean iris/facial recognition security solution specialist company that was founded in 2012. We have a state-of-the-art technology in biometric industry. Our main competitive points are its independent iris algorithm built on superior technological development, as well as the various certifications it has earned. In addition to the 2015 domestic KISA certification for our bio-hashing encrypted technology, we have also earned the 2016 FIDO UAF/U2F certification for the world's first technology—receiving international recognition for our technological power in the biometric recognition field.

Our lightweight algorithm is implemented in such a way that it can provide optimal performance even in limited platforms. Also, it is implemented to enable registration/authentication without saving biometric information directly. Our technology is currently being applied in security USB's, door locks, safes, and access control devices, while also being implemented in Fintech ATM's, mobile devices, POS, healthcare, etc.

Product and Service

[Facial recognition IoT safety box]

It is a high-security IoT facial recognition safety box that integrates biometric authentication instead of using a less secure password method.

[Iris recognition time & attendance management system]

It is an iris recognition time and attendance management system using advanced matching algorithm which can be utilized without any additional authentication methods.

[Facial recognition door lock]

It is a contactless type of facial recognition door lock which improves user convenience by authentication time within 1 second.

[Iris recognition USB]

Do not worry about security breaches such as critical information theft from certification documents, valuable personal information leakage, etc.

Major Partner / Reference

1) ATM Pilot Project (Middle East)
2) Iris/Facial Recognition Door Lock Project (Turkey)

Customer Value and Benefits

- High level of security
- Increase productivity and reduce cost by eliminating fraud and waste

DSPone

• Items of Exhibition

IoT, Wearable, Big data, Health Care, Security, Mobile App, Smart-Car

• Information

Description

Based on solid technology accumulated over the past 12 years as a leading company in the wireless signal processing technology of the communication network, DSPOne has been operating stable domestic businesses such as domestic mobile telecommunication operators and Korea Highway Corporation and growing as a future-oriented Smart City Total Platform company through the world's best ICT technology such as M2M/IoT, Smart Energy, Connected Car and Smart Health in order to penetrate into the global market.

Product and Service

PV

Solar Panels & Inverter for IPP and residents

ESS

Energy Storage System using Lithium Ion battery for Commercial Buildings, Renewable Energy Business, and Utility Power companies

AMI

Remote Metering Solution for Electric, Water, and Gas Meters

Major Partner / Reference

Korea Major Telco & ISP (SKT, KT), ② Government & Industry (Korea Expressway Corporation), Oversea Customer(Viettel, mobifone, DoCoMo, CAT, AIS)

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