



**IOT / M2M**  
INNOVATION  
WORLD CUP



# THE FINALISTS

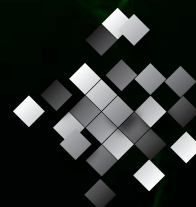
IOT / M2M Heroes of the Year.



Title Sponsor **swisscom**

POWERED BY **NAVISPAC**

[www.innovationworldcup.com](http://www.innovationworldcup.com)  
@IWCNavispace



INNOVATION  
WORLD  
CUP  
SERIES

WINNER  
CONNECTED HOME

HOME CONTROL  
online

20°C

energy

light

water

other



MYXYTY®



MYXYPOD  
by MYXYTY, France



Since 2009, MYXYTY has been working on rolling out new ways of connecting individuals to their houses. Inside this connected universe, people are now able to remotely control all their home equipment with a smart phone, and satisfy the essential safety and comfort needs of their loved ones.

MYXYTY has recently been awarded the 'Pass French Tech' label, a national recognition, rewarding our strong innovative potential and our status as a 'hyper-growth' digital company.

MYXYTY is linked to M2MSolution, a pioneer of the machine-to-machine (M2M) industry and Internet of things (IoT). Thanks to co-branding partnerships, MYXYTY offers its services to the big players in the telecoms, insurance, and energy and safety sectors, to facilitate and support the progress of projects all around the world.

[www.myxyty.com](http://www.myxyty.com)  
[contact@myxyty.com](mailto:contact@myxyty.com)



**KLIKR**

by BBDL, Hong Kong

BBDL Limited is a UK based company specializing in IoT, with technical support facilities in Hong Kong and China. KLIKR is a small product that you can stick onto any home infrared controlled device, making it instantly controllable from your smartphone. With KLIKR, we provide users with the power, convenience and comfort of using their favorite object (their smartphone) to operate their television, cable box, audio system and even air conditioner. KLIKR also comes with smart features such as pausing or muting your DVD or

TV when receiving a phone call. And of course, KLIKR allows you to operate your device through voice control.

In its next version, the KLIKR application will integrate Electronic Programming guide. Thus, users will be able to browse, preview and select their favorite programs, from their smartphone. In effect, KLIKR is a simple, affordable yet immensely powerful first step in home IoT.



partners@klikr.mobi | www.klikr.mobi

**KlikR****CECO HOME**

by iSocket Systems, Finland

iSocket Systems is a home automation company that solves real problems for owners of connected homes, focusing on cellular technology. The key message "Forewarned is forearmed" - means that a prompt alert of a problem can prevent costly damage. The company's main product offering is a range of smart plugs. iSocket Systems pioneered smart plugs that operate over the cellular network, sending prompt alerts of a problem in the home - such as a power outage, leaks,

a temperature rise/fall, break-in, etc. Their new project CECO HOME is the new ecosystem for cellular connected homes that combines two modern secure technologies - cellular and Thread. CECO ecosystem comprises Thread-enabled devices connected wirelessly inside the home, "Thread to Cellular" router and Open API. The project was declared Q3 Winner of the Thread Group Innovation Program in 2015.



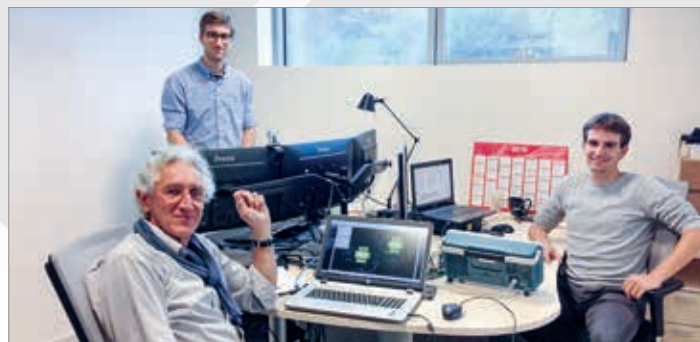
informbox@isocketsystems.com | www.cecohome.com

**CECO HOME**  
Always Smart**EVO**

by EISOX, France

Eisox is a French company working since 2008 on an Intelligent Thermostatic Radiator Valve. It is a smart heating regulation system which autonomously controls the temperature inside each room of a house depending on human behavior, with using artificial intelligence algorithms. Because our product has to be accessible for everyone, we designed a smart object which is really easy to use and to

install. Our system is also able to communicate with other smart objects, in order to create tomorrow's smart house. We strongly believe that our product is going to radically change how users interact with their house and improve the comfort in every home equipped with Eisox's Thermostatic Radiator Valve!



contact@eisox.fr | www.eisox.com

**eisox**  
Everything is smart**enControl**

by Sensing &amp; Control Systems, Spain

Sensing & Control Systems was founded in 2006 in Barcelona (Spain). S&C develops IoT platforms and applications allowing companies to efficiently connect products, manage data and seamlessly interact with their customers. We offer IoT solutions to organizations in different sectors including telecom, energy providers, healthcare, buildings management, hardware and appliance manufacturers, retailers, insurance companies and Smart Cities. Our platform is a complete end-to-end solution that easily integrates with existing systems and

products from multiple industries. It connects to any device including sensors, actuators, appliances, meters, wearables, smartphones, home products, cameras and Raspberry Pis. We conceived enControl™ as a twofold solution: From one side it is a professional dashboard for utilities and other service providers to monitor and control energy consumption and distribution, from the other side it is a "remote control" for consumers to be more empowered and connected to their home from anywhere and anytime.



info@sensingcontrol.com | www.sensingcontrol.com

**sensing & control**  
Simply Seamless



WINNER  
SMART CITY



## Smart EV Charging Station

by EverCharge, USA



EverCharge provides smart EV charging stations to urban multi-tenant facilities, which are able to increase the capacity for chargers up to 10 times at any given building. Our SmartPower technology senses when extra power is available or when the rated capacity is reached, the system allocates power to vehicles according to their needs, maximizing building infrastructure usage while reducing deployment costs.

EV charging currently presents multi-tenant facilities and their occupants with a number of challenges when trying to add EV charging stations, especially when it comes to sharing power. Most buildings have a finite amount of electricity, and gaining access to additional resources can be costly, complex and unfeasible. EverCharge's smart EV charger solves all these issues while keeping install costs at a minimum.

[info@evercharge.net](mailto:info@evercharge.net)  
[www.evercharge.net](http://www.evercharge.net)



Metropolis  
by BizFact, Hungary

Metropolis is a truly IoT-optimized app platform which functions as an easy-to-use gateway to the Smart City. The app provides operators of urban retailing, service, entertainment and advertising facilities the opportunity to put advertising on urbanites' end devices, according to the time-based availability of the offers and the current location of the users. Moreover the app combines this advertising seamlessly with end-to-end retailing processes and via an effective interface management with innovative IoT-based services.



andreas.vogler@bizfact.net | www.bizfact.net

Metercloud.io  
by Greenbird Integration Technology, Norway

Greenbird Integration Technology is an integration solution provider and with Metercloud.io, Greenbird provides big data integration applications for smart grid, smart cities and the industrial IoT/IoE. Metercloud.io is both the technical integration platform - Platform as a Service - and ready-to-use, but highly configurable enterprise integration applications - Orchestration as a Service - realizing a boundary less information flow required to build smart services and connect smart devices, data with people and processes. Metercloud.io is targeting utilities, municipalities, oil & gas

www.greenbird.com



For example the app enables the addition of customized parking management or smart car mobility to the advertisers' offers, creating new value streams for advertisers, retailers and mobility service providers. Moreover the app optimizes the users' time management by calibrating their walking or driving routes, according to their shopping and to-do lists. BizFact – the company behind this concept - is a project company which develops innovative product concepts for implementing them as stand-alone businesses.



PAYUCA  
by PAYUCA, Austria

PAYUCA enables stress-free parking in densely populated city centres. Garage parking spaces can be located and reserved quickly via mobile app or chip card. This puts an end to waiting, searching and cursing due to insufficient parking opportunities. However, by efficiently supporting the rental of unused parking space, not only motorists benefit from Viennese start-up PAYUCA, but also property managers. Only with PAYUCA's own, individual hardware solution can these vacant parking spaces be made accessible and



office@payuca.com | www.payuca.com

IoT Cloud Family  
by SADE.IO, Turkey

SADE IoT Cloud Family is world's 1st modular and flexible IoT solution for all. Family has sensors, gateways, triggers and platform. Select sensors depending on your needs, select gateways what kind of connection you have, select triggers if you need and connect to any platform you prefer. No need any profession and support. You can do it yourself industrial IoT solutions in a few minutes. All sensors are without cable and min. 2 years battery life. Also sensors have magnets back-side for easy mounting. This innovative family meets



info@sade.io | www.sade.io



offered cost-effectively. PAYUCA makes garages smart. Its cloud-based technology reliably knows exactly where in the city parking spaces are available. Users can look them up on a map and easily reserve or book the most suitable parking opportunity.

The booking automatically ends on exiting the garage, eliminating the problem of non-functioning mobile connections in underground car parks.



all your requirements on IoT. Our technology based on BLE 4.0. Family has more than 60 different sensors from coin size to cigarette package size. With only SADE IoT Cloud Family you can do:

- Smart City
- Location Based Tracking
- Cold Chain Monitoring
- Industrial Sensing
- Smart Energy Metering
- Environmental Monitoring, and more...
- Smart Metering
- Asset Management
- Staff Tracking
- Smart Home





WINNER

MOBILITY



## Kizy

by Kizy Tracking, Switzerland



Kizy leverages the existing global telecommunication infrastructure to solve some of the supply chain industry's biggest challenges.

As a low-cost B2B tracking system especially designed to fulfill the actual needs of the logistics industry, Kizy uses the GSM-infrastructure (no GPS) for positioning and communication. Kizy makes advanced tracking and monitoring functionalities - which were up until now limited to niche applications - affordable for large scale deployments. We provide our customers with complete visibility over the whole supply chain. The data collected help them to improve their operations, reduce costs and improve their quality of service. Kizy works on a pay-per-use model and doesn't require any investment in a specific infrastructure. Based in Switzerland, Kizy Tracking has been founded by experienced professionals from the logistics, micro-electronics and telecommunications industry.

[info@kizytracking.com](mailto:info@kizytracking.com)  
[www.kizytracking.com](http://www.kizytracking.com)



## BlueMind

by BlueMind, France

When riding a motorbike, the smallest error can be fatal. Everywhere in the world, motorcycle accidents account for a proportion of total accidents several times higher than the proportion of the total number of vehicles they represent.

Motorcyclists can limit damages by wearing protection equipment but those intervene when it's already too late. Our goal is to decrease the odds of errors occurring in the first place.



Our solution is a connected biofeedback device inside the helmet using electrodes to read brain waves and monitor the driver's attention level through a smartphone. The device would warn the rider when his attention level is too low and would use the data from other users to help him prepare to be focused when entering the most attention-demanding zones. We thus hope to reduce the 50% of motorbike fatalities that occur without the intervention of a third party.



contact@bluemind.io | www.bluemind.io

BlueMind

## LiveCast Sentinel

by IoT Smart Systems, Canada

LiveCast Sentinel provides an end-to-end software platform for real-time video and data, supporting the full "Internet of Things" (IoT) ecosystem of devices. All live streams and connected data can be monitored, analyzed and recorded, and activity logged. Management application with robust dashboard enables teams to share critical, real-time information securely, anywhere

in the world through on-premise enterprise server or cloud services. Versatile platform captures and delivers industries best live video quality from mobile devices, smart glasses, drones and desktop.



sales@livecast.com | www.livecast.com

LiveCast

## Inboard M1™ Electric Skateboard

by Inboard Technology, USA

The M1™ is the first skateboard with motors inside the wheels, with every detail based on the idea of uninhibited flow. The M1™ comes equipped with a patent-pending, dual in-wheel motor system we call the Manta Drive™. With Manta Drive, the rider experiences the speed, range and hill-climbing benefits of an electric powertrain without the drawbacks of bulky belt-driven external motors. This allows the M1™ to roll as smooth as a traditional skateboard

at speeds up to 38 km/h. Speed is controlled wirelessly by the ergonomic RFLX Remote™. Regenerative brakes offer control and battery charging when riding downhill and an industry-first, 16 km range swappable battery eliminates range anxiety and the need to plug the board in to charge. LED lights allow for safe riding at night, and the M1™'s lightweight and compact size allow you to easily carry it anywhere.



hello@inboardtechnology.com | www.inboardskate.com

INBOARD

## smartRFpower

by Teslonix, Canada

Teslonix smartRFpower™ technology empowers IoT by providing OEM and system architects with the tools needed to design solutions that can energize, locate, track and communicate with IOT edge devices in real-time over long distances. smartRFpower™ is ideal for IoT applications including those that "manage" a variety of wearables, sensors, beacons, integrated wireless sensors/RFID devices and similar applications.

Teslonix has deep expert knowledge and a growing patent portfolio in the area of wireless technologies including long-range energy transfer and 3D localization. Our goal is to manage the last few meters of IoT networks by intelligently interfacing with edge devices to retrieve data from the physical environment and deliver it to the rest of the network for processing. Thus, smartRFpower™ empowers IoT by building systems to better manage "things".



info@teslonix.com | www.teslonix.com

TESLONIX



WINNER ▲  
SECURITY



**swissprime** Technologies

## My Lock

by Swissprime Technologies,  
Switzerland



My Lock is a comprehensive locking solution for innumerable applications, which allows its users to share and revoke lock keys over the air by simply making use of their smartphones.

The lock is getting online by means of the smartphone and is therefore capable to transmit and track all locking activities over the cloud application.

Due to the flexibility of the platform, My Lock is compatible with all locks supporting the technology, thus allowing to conveniently unlock every user's world. Swissprime Technologies AG is a Switzerland-based tech start-up, which specializes in the development and marketing of innovative wireless locking solutions.

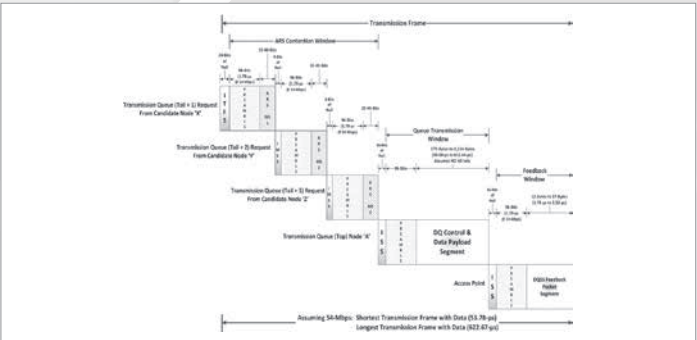
hello@swissprime-tech.com  
www.swissprime-tech.com



# Distributed Queue Switch Architecture

by Ether2, USA

Our product amounts to a firmware upgrade that would let any OEM utilize the Ether2 protocol specification that was originally invented for cable TV broadcasting. In data networks, however, our technology presents an overall system improvement with always-optimal performance. A seamless migration path to the Ether2 switch architecture is also possible, because not only can we do Ethernet better than Ethernet, but Ether2 can also become the basis for fundamental interoperability across any IoT or legacy



jgael@ether2.com | www.ether2.com



sensor network protocol stack. Toward security, Ether2 will improve anti-jamming and other antenna technologies in wireless networks because the bottleneck in the uplink is eliminated. Further, we envision a metro area IoT mesh that would allow for encryption of the entire packet including the management header info, and where 75% of our chip is available to run security and commerce apps at the device gateway.



# UndercoverEye™ Raptor

by PixController, USA

Remote criminal activity and thefts are among the hardest types of crimes to solve. Due to the random nature of these events it makes it almost impossible to catch criminals in action. The UndercoverEye™ Raptor was specifically designed for this purpose.

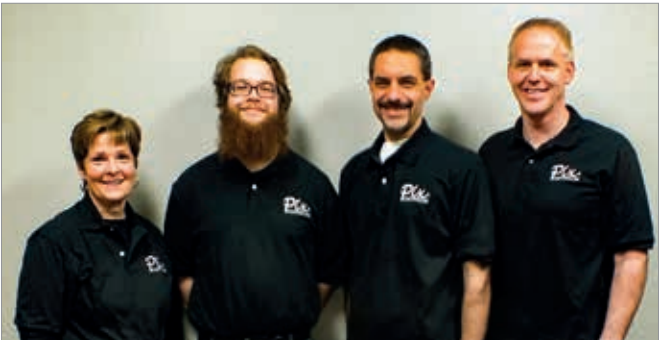
The UndercoverEye™ system utilizes advanced battery savings sleep mode allowing the system to be deployed in unattended remote locations for long periods of time. The system incorporates a host of advanced wireless



sales@pixcontroller.com | www.pixcontroller.com



ground sensors ranging from seismic to motion sensor. Upon a sensor trigger event the UndercoverEye™ system will capture and transmit still photos or streaming video to our M2M Connect Cloud through various telemetry options. Advanced cloud features include monitoring system and sensor status with the ability of real-time notification to the user via SMS or email. The UndercoverEye™ Raptor is one of the few remote covert security devices on the market today with advance IoT integration



# Keycode Server

by Microtronics Engineering, Austria

The owner of the Keycode Server generates a four-digit random PIN for his smart keypad via the app or the web interface. The valid PIN will be sent to the smart keypad via GSM. For a safe transfer the PIN is encrypted with AES. The lock gets the key via Bluetooth from the keypad. The key can be deactivated by its owner or it expires after a predetermined time period. The owner can send the key via SMS or exchange it via the app. The user who wants



office@microtronics.at | www.microtronics.at



to open the lock (postman, hotel guest, etc.) may request a key through the app and get it over a secure and encrypted connection. With the app it is also possible to open the lock without direct input of the pin via the Bluetooth interface. Thanks to the international SIM card the service is available worldwide.



# Qylatron™ Entry Experience Solution

by Qylur, USA

The Qylatron™ Entry Experience Solution is the industry's first comprehensive entry solution for public venues. Designed to transform today's painful and inefficient first point of entry—at entertainment venues, mega events, monuments, parks, and airports—the Qylatron streamlines guest entry with an automated self-service process. Powered by Qylur's Industrial Internet of Things (IIoT) platform technology for autonomous intelligent systems, the Qylatron leverages adaptive learning and analytics in a one-stop solution that balances customer experience, business, and operational needs with the highest level



info@qylur.com | www.qylur.com



of security. Qylur Intelligent Systems is a Silicon Valley-based technology company that leverages IIoT and smart, adaptive systems to deliver transformative operational intelligence and great user experiences. Qylur develops software and systems that are vertically integrated across the entire IIoT stack and employ social networks of machines, machine learning, and human interaction design. Qylur's solutions sense-think-act-learn in a variety of markets, including sports and entertainment, government and transportation.





WINNER  
HEALTHCARE



## The Footprints Walking Frame

by Quanticare Technologies, Australia



The Footprints walking frame features a sensor which measures walking quality to prevent falls in the elderly. Since falls are the result a slow deterioration of gait quality being able to continuously monitor gait will enable more proactive falls prevention measures.

Our sensor will measure the same clinometric properties of gait that clinicians use today to understand falls risk but do so: continuously, passively and contextually so that treatment can be delivered before a fall happens, interventions can be optimized and their efficacy measured. The Footprints walking frame will transform falls prevention from an event driven system to a data driven one.

[contact@quanticare.co](mailto:contact@quanticare.co)  
[www.quanticare.co](http://www.quanticare.co)



## EllieGrid

by EllieGrid, USA

EllieGrid is a hardware and software solution to medication management. Our patent-pending pill box design and software data analytic allows EllieGrid to make medication management easier than ever! Users can organize their medications in seconds, thus saving time and reducing complexity. There is no sorting involved. Simply pour all of your medications in EllieGrid directly from the bottle! Then, when it is time to take your medications, receive timely no-

tifications so that you never forget. EllieGrid can also provide healthcare professionals & caregivers with real-time compliance data, so they can make sure users are staying on track with their medications. Please join us in our mission to help people live healthier and happier lives by making great products that empower our users and make medication management easier!



abe@elliegrid.com | www.elliegrid.com



## lumind

by lumind, Germany

lumind is a connected glowing wristband for diabetics and their loved ones, that promotes an unobtrusive option for a better blood glucose management by transforming measurement values into colored light. It provides an undisturbing visual display, that integrates seamlessly into the living environment of diabetics. That way blood glucose levels are better perceivable with less effort. Numbers and graphs are quite abstract and hard to understand, especially for children. lumind simplifies things: Red light means, that the sugar is too low.

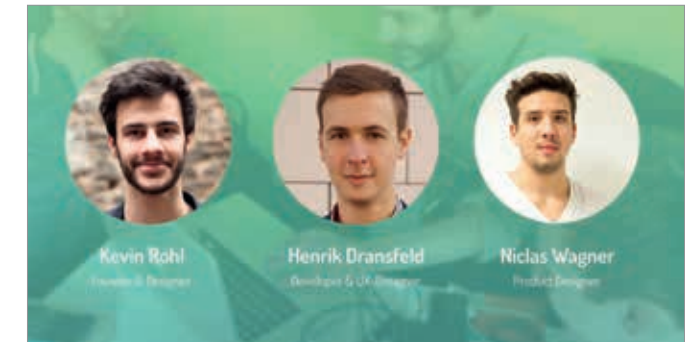


mail@lumind.de | www.lumind.de



Blue signalizes, that the sugar is too high and green implies that it is in a good range.

If we look at the diabetes equipment today, we see a lot of clinically looking tools. They virtually implicate sickness. A person, that has to deal with these tools every day, this is not right. lumind provides a minimalist, high-quality design, which allows a discrete integration in the daily environment.



## CielPur

by FILLONY, Hong Kong

CielPur is a portable & connected device, which constantly measures key measurement factors of air quality. With CielPur in your pocket, on your desk, on your bedside table, at school, at work on in transport, you can now take charge of your life's most crucial element, the quality of the air you breathe. You can then adapt your life style accordingly and protect yourself and the people you love. CielPur provides

you on your smartphone with alerts, daily and historical reports, specific advice tailored to your situation, and empowers you to share data onto to your social network. Fillony Limited is a French company established in Hong Kong, with R&D facilities in Shenzhen, and focussed on smart devices that can make a change in user's life.



partners@cielpur.com | www.cielpur.com



## Onni Smart Care

by SEP Solutions, Finland

SEP Solutions' innovative video monitoring devices combine useful features, timeless design and lasting quality. The company's IoT devices are carefully crafted to better meet the many needs of modern parents and caregivers, enabling them to monitor, measure and stay connected – anytime, from anywhere in the world. With their smart platform enabled product family for multipurpose IoT solutions, the company is getting ready to launch their first baby monitoring products. Utilizing the underlying platform used for the baby monitoring solu-

tion and customizing it to meet the monitoring needs applicable for the elderly, SEP Solutions expands to eldercare later in 2016.

The completely different markets of baby care and eldercare share the need to remotely video monitor a person, and to keep track of daily events to uncover patterns and to enable analyzing changes that may warrant deeper analyses to help ensure safety, well-being and good health.



erasmus.van.niekerk@sepsolutions.fi | www.onnismartcare.com







**CLOUD**  
INNOVATION  
WORLD CUP



**IOT / M2M**  
INNOVATION  
WORLD CUP



**WT**  
INNOVATION  
WORLD CUP

**ACCELERATE YOUR BUSINESS** – The Innovation World Cup Series is the global market leader for open innovation platforms. For more than 10 years the Innovation World Cup Series acts as the catalyst for future innovations connecting innovative entrepreneurs, developer communities, and industry partners like Ericsson, STMicroelectronics,

Intel, Google, MediaTek Labs, Texas Instruments, Samsung, Telit, Gemalto, Bluetooth SIG, Swisscom and many more. The Innovation World Cup Series has an impressive track record in introducing new breakthrough technologies and solutions in the market, building up new ecosystems, and identifying and promoting the coming stars.

Contact IOT/M2M Innovation World Cup

Navispace AG  
t: +49 (8152) 99886-22  
info@navispace.de  
www.innovationworldcup.com/iot-m2m

# Congratulations to all IoT / M2M Innovation World Cup Winners & Finalists

[www.swisscom.com/m2m](http://www.swisscom.com/m2m)



**swisscom**



## Main Partners



## Cooperation & Media Partners



Government of Canada



**IOT / M2M**  
INNOVATION  
WORLD CUP



INNOVATION  
WORLD  
CUP  
SERIES

### Contact IOT/M2M Innovation World Cup

Navispace AG  
t: +49 (8152) 99886-22  
[www.innovationworldcup.com/iot-m2m](http://www.innovationworldcup.com/iot-m2m)

### Management

Dr. Sonja Sulzmaier  
[s.sulzmaier@navispace.de](mailto:s.sulzmaier@navispace.de)

### Organization

Matias Posio  
[m.posio@navispace.de](mailto:m.posio@navispace.de)