

PR CONTACT, DEMOS, ACTIVITIES AND PRESS RELEASES BY SPONSORS AND EXHIBITORS (*)

(*) Those communicated to Organizers. List updated as of 24/10/2019

AVSystem

PR Person: **Daria Kolarczyk**
Function: **Marketing Manager**
Phone: 48695336425
email: d.kolarczyk@avsystem.com

- Traxens partnership announcement
- Overall approach to solving IoT device management challenges with technology standards (LwM2M)
- Scaling IoT thanks to efficient IoT device management

Cyberus Labs

PR Person: **James Elms**
Function: **PR Manager**
e-mail: james.elms@cyberuslabs.com

Spokesperson: **Jack Wolosewicz**, Cyberus Labs co-founder, CEO & CTO

Deloitte

PR Persons: **Marcos Fontal / Enric Abenoza**
Function: **PR Managers**
Phones: +34 935200669 - +34 935033712
M: +34 676143407
mfontal@deloitte.es
eabenoza@deloitte.es

Ffly4u

PR Person: **Christelle Caltape**
Function: **Presales and Communication**
P. +33 (0)5 61 24 80 90
e-mail: Imi@ffly4u.com |

DEMO “Edge AI Low Power technology”.
Very smart cable show
Demos 3 times a day (10 am, 12 pm and 4 pm)

Ffly4u take its drum solution as example for the demo. We will use a small drum connected to our application so people can see in real time the different functionalities. A quick explanation for you to better understand the technology that it makes possible to distinguish the 3 possible states of a drum: unwinding, cable rewinding and ground rolling. The management of a building site is improved through the knowledge of the residual length of cable on each drum. All these functionalities will be tested during the demo.

GFT

PR Person: **Francisco Blas**
Function: **Marketing Manager**
Phone: +34 687 632 734
Email: francisco.blas@gft.com

Spokesperson: **Carlos Eres**, Manager director GFT Spain.
TESTBED: The demo shows how real-time data ingestion, analysis and processing of car data can be used for measuring driving behaviour using the latest IoT and Cloud architectures.

Hitachi

PR Person: **Chiara Pallavinci**
Function: **Revenue Marketing and Communication Manager**
Phone: +39 334 640 33 96
Email: chiara.pallavicini@hitachivantara.com

Topics and spokespeople:

- Smart Spaces and Lumada Video Insights - Jose Faria Agrela, Director EMEA Solution Architecture & Design for Smart Spaces & Video Intelligence (SSVI) at Hitachi Vantara + Antonio Lugarà, Big Data, Analytics & Industrial IoT Pre-Sales Engineer at Hitachi Vantara
- Lumada Maintenance Insights – Alberto Corti, Business Development Director at Hitachi Vantara
- Lumada Manufacturing Insights – Ilya Billig, IoT Business Development Director at Hitachi Vantara
- Rail Planning Simulation - Justin Bean, Global Director of Smart Spaces Marketing at Hitachi

IoTopia GlobalPlatform

PR Person: **Rob Peryer**

Function: **Press Officer**

Phone: +44 7817 184 343

Email: rob@iseepr.co.uk

Spokesperson: **Kevin Gillick Executive Director**

GlobalPlatform will be discussing:

- Why the IoT ecosystem needs to get serious about security.
- The need for ubiquitous and standardized end-point and network security to prevent devices from becoming an entry point into a network or a platform for attacks.
- How IoTopia will provide a blueprint for IoT security and device management, with low-to-no additional costs for device makers.
- At the show, member-led industry association GlobalPlatform will officially announce IoT security implementation guide, IoTopia. The announcement will happen on Wednesday 30th, 12:05h - 12:50h in conference room 2 and will be followed by an IoT cybersecurity panel alongside ENISA, GSMA and NIST. We hope you can join us!

- Unlike other IoT security alliances, IoTopia will collaborate across the entire IoT ecosystem to go beyond best practice and offer a practical guide to implement and manage IoT security. The framework will standardize the design, certification, deployment and management of IoT devices, helping device makers and IoT service providers to meet the growing number of industry, regional and global security mandates.

LIBELIUM

PR Person: Elena García Lechuz
Function: Directora de Marketing
P +34 976 54 74 92
Mobile +34 619 466 244
E-mail e.garcialechuz@libelium.com

Spokesperson: Alicia Asín, CEO

TALKING POINTS

- The world to come: main social and technological changes we will see in the near future: sectors in disruption.
- Improving competitiveness in a digital world.
- 3 IoT pillars: save money, make money and stay “out of jail”.
- IoT4good: IoT technology to achieve Sustainable Development Goals.
- IoT technology is contributing to improve citizens’ quality of life and companies’ competitiveness. Among the reasons to invest in IoT technology, we find: Manufacturing cost reduction; better use of natural resources and preservation and product quality improvement.

MICROSOFT

PR Persons: Solange Cummins Nogueira
Function: Senior Communications Manager
P: +34 (91) 3919316

Luke Marcoe
Account Executive WE Communications
lmarcoe@we-worldwide.com

NUTANIX

PR Person: Belen Brito Falconi
Function Field Marketing Manager – Iberia
Mobile: +34 (673) 800381
E-mail belen.britofalconi@nutanix.com

ORANGE

PR Persons: David Martínez/ Pilar Serrano
Function: Communication Department
Mobile: +34 657 805 720 / +34 658 880 453
E-mail: david.martinezpradales@orange.com
pilar.serrano@orange.com

RELAYR

PR Person: **Stefania Guglielmetto**
Function: **Marketing Manager**
Phone. +49 162 258 9637
Email: stefania.guglielmetto@relayr.io

Speaker: **Francesco Cattaneo**, Senior Account Executive Relayr
Curious enabler of Digital Disruption with +15yrs of experience in Tech Market, across Europe, Asia, Middle East and Americas. Reinvent businesses and industries by developing and utilizing specialized knowledge of industry-specific and cross-industry competitive strategies.

TALKING POINTS

IIOT As A Key Enabler For New Business Models And Revenue Streams

Wednesday 30, 15:30h - 16:15h

Mobile: 39 3357942360

email: francesco.cattaneo@relayr.io

English, Italian, German

Richardson RFPD

PR Person **Kathy Kwan**

Function **Marketing Communications Manager**

P +852 2253 3967

M +852 5335 0005

Kathy.kwan@richardsonrfpd.com

Spokesperson: **Rafael R. Salmi, Global President & GM Richardson RFPD**

Dr. Rafael Salmi is Global President and GM of Richardson RFPD (an Arrow Electronics company) a global provider of IoT, RF, Wireless technologies and solutions to industrial markets, with over 26 years leadership experience in technology. Dr. Salmi hold a PhD in Experimental Physics from UJF.

IIOT As A Key Enabler For New Business Models And Revenue Streams

Wednesday 30, 15:30h - 16:15h

Mobile: 1-630-945-0778 rsalmi@richardsonrfpd.com

English, French, German, Spanish and Portuguese

SAS

SAS, in conjunction with Deloitte, Intel and IDC, will release its first **Global AIoT study**. The report is featuring key findings from a worldwide survey of executives across the C-suite and their direct reports from mid-sized and large companies who are immersed in the IoT journey.

Industries covered in the survey include:

- Manufacturing (including Consumer Packaged Goods)
- Transportation (Car, Rail, Bus, Fleet)
- Utilities
- Retailers
- Healthcare (Providers, Hospitals)
- Life Sciences (Pharmaceuticals, Others)
- Financial Services

Marta Muñoz schedule to present the results of the IDC study Global AIoT Report at SAS booth C311.

She will do a presentation of 20min each day.

- October 29: 14:00- 14:20
- October 30: 10:00- 10:20 / 10:30 video recording with Marta done by SAS
- October 31: 10:00- 10:20

She will be available for additional press activities at:

- Tuesday 29th Oct – available between 14:45- 16:00
- Wednesday 30th Oct – available between 09:00- 10:00, and from 14:00- 15:00
- Thursday 31st Oct – available between 10:20- 11:30

Top SAS expert speakers

Jason Mann, Vice President, IoT, SAS
AI + IoT - Can it create a competitive edge?
Oct. 29 15:15–15:45 | Main Stage

Juthika Khargharia, Global IoT Evangelist, SAS
Bringing AI to the Edge – Are you ready for it?
Oct. 30 13:50–14:35 | Room 1

Women and Diversity in Industry: Moving the Needle
Jenn Mann, Vice President and Chief Human Resources Officer, SAS
Oct. 30 16:30–17:30 | Room 5

Sony

PR Person: **Daniel Sandblom**
Function: **Technical Marketing Manager**
Phone: +46 (0)767 621471
Email: daniel.sandblom@sony.com

The Linux Foundation and LF Edge

PR Person: **Maemalynn Meanor**
Function **Senior PR Manager**
Phone: 602-541-0356
Email: maemalynn@linuxfoundation.org

We will have spokespeople on site who can discuss LF Edge, an umbrella organization within the Linux Foundation that aims to establish an open, interoperable framework for edge computing independent of hardware, silicon, cloud, or operating system; security, edge computing, IoT, IIoT, interoperability, 5G, etc.

Launched in January – we are currently at more than 70 members and are partnered with Automotive Edge computing Consortium (AECC) Electronics

and Telecommunications Research Institute (ETRI), Industrial Internet Consortium (IIC) and Project Haystack to define and create use cases for the edge. Currently, LF Edge hosts 7 edge projects: Akraino Edge Stack, Baetyl, EdgeX Foundry, Fledge, Home Edge Project, Open Glossary of Edge Computing and Project EVE.

Thingstream

PR Person **Andrew Durkin**

Function: Communication Officer

Phone: +44 (0) 7887 998407

email: andrew@mustardpr.com

IoT connectivity as a service, LoRaWan, IoT in agriculture, MQTT, fixed price IoT global connectivity, low cost global IoT, IoT in a box for proof of concept manufacturers, IoT data flow management, medical device manufacturers and IoT, Low power IoT.

Vodafone

PR Person Maria Lini

Function Maria.lini@vodafone.com

PR Persons Alejandra García Mosquera / Esther Fraile

Function: External communication

alejandra.garciamosquera@vodafone.com

esther.fraile@vodafone.com

Vodafone demos (*see press release*)

The Connected City: Fault Detection - Smart Waste - Tag & Track (coffee cart)

Connected Living: "Works with V" - Assisted Living - Product Recall

Connected Garage: Fleet Management solution Vodafone Business Fleet

Driver Academy - NB-IoT Parking Sensor - V-Bike - Lexus Car

Connected Workplace: Occupancy Management:

ZYFRA

PR Person **Alexander Antipin**

Function **PR Manager**

Mobile +7 (985) 888-96-20

E-mail alexander.antipin@zyfra.com

Speakers

Pavel Rastopshin Managing Director and **Igor Bogachev**, Chief Executive Officer

Pavel Rastopshin Managing Director

Pavel Rastopshin is a Certified Manager of IT services with over 20 years experience. He possesses many years of experience in IT management in such industries as industry, energy, telecommunications, FMCG, banks. He is an expert in ERP systems and business applications, ITIL / ITSM, and IT outsourcing. Before joining ZYFRA, Pavel worked as Executive Vice President of MAYKOR (Top 100 Global Outsourcing IAOP) and was responsible for promotion and provision of outsourcing services in all sectors of the Russian economy.

Igor Bogachev Chief Executive Officer

With deep expertise in overseeing the innovation lifecycle, right from the drawing board through to full market commercialisation, Igor Bogachev has a rich and nuanced understanding of cutting-edge trends and developments in IT, as well as the industry's best practices and how to implement them.

He has a strong standing in the national IT sector and currently chairs the Russian Union of Industrialists and Entrepreneurs Subcommittee on the Digital Economy and Innovations.

Igor was previously a Vice President at the Skolkovo Foundation, whose overarching goal is to create a sustainable ecosystem of entrepreneurship and innovation, engendering a startup culture and encouraging venture capitalism. He was the executive director of the foundation's IT Cluster.

TALKING POINTS

- Digital Partnership – a way forward to Russian and Spanish companies to enter third countries' markets.
- Real-time personnel and equipment monitoring – first step to increase productivity.
- Digital advisors and digital twins – AI for the industries is present, not the future.
- Autonomous trucks – need of the hour or the latest fashion.
- AI for sustainable development: will the people lose the job or find it?
- Why do Russia need digitalization: progress, state regulation, current state.
- Who will drive the progress: corporations or startup?

OTHER AVAILABLE SPEAKERS

(Those who have authorized the Organization to share their contact details with media)

Amrutha Sivaraman, Consultant | Business Operations | Internet of Things
Deloitte NL
Mobile: +31 (0)6 5010 1518
E-mail: amsivaraman@deloitte.nl

Ariel Guersenzvaig Senior Lecturer & Researcher | ELISAVA Barcelona
School of Design and Engineering
Ariel teaches and writes about the ethical and societal impact of design and machine intelligence. He has published in journals such as AI&Society, Journal of Design Research and IEEE Technology and Society, and is currently writing a book on design professional ethics for Rowman & Littlefield Intl.
Ethics and social responsibilities in deploying AI
Wednesday 30, 12:35h - 13:35h
Mobile: 34 659 844 253
Email: a.guersenzvaig@gmail.com
English, Spanish

Guillermo Renancio
IOT Director Integra Estrategia y Tecnologia
Since 2017 Guillermo is IoT and Communications Director of the group Integra Estrategia y Tecnologia. Also Guillermo is MsC Communications Engineer and MBA by IE Business School. Speaker in the IoTSWC the last 3 years in a row.
Ibercaja: The IOT Revolution For Young Farmers
Thursday 31, 12:55h - 13:40h
E-mail: Mobile: 34 699 32 44 17 E4
grenancio@integratecnologia.es
English, Spanish

Tristram Borgmann
Co-Founder | TraceMyDrink.io
Master in International Relations (LMU) in Munich, Germany. Co- Founder of TraceMyDrinks.io in Barcelona, Spain. Co-Founder of Tequila Tristan in Guadalajara, Mexico. Founder of Triborg Solutions S.L., Global Consultancy in Barcelona, Spain. Marketing Manager Lidl Supermercados S.A. in Spain.
Reinventing Agriculture And Food Industry With Blockchain Panel Wednesday 30, 15:35h - 16:20h
Mobile: 34 657998652
E-mail: info@tracemydrinks.io
English, Spanish

Ingmar Kruse CEO | SunSniffer

Serial entrepreneur. A year before his graduation he founded his first company. He studied Business Administration in Nuremberg and Computer Science in Atlanta, USA. Among his road map: Digital photography, marketing platform and production of Apple computers under license. He holds several patents. Digital Twin In Solar – Enlightening Black Boxes By Providing Condition-Based Information

Wednesday 30, 15:35h - 16:20h

Mobile: +49 178 218 4625

E-mail: ingmar.kruse@sunsniffer.de

English, German

Brad McMahon | VP Corporate Development Rigado

Brad has over 25 years in executive leadership roles in technology and media companies including the Portland Trailblazers, Turner Broadcasting (acq. by TimeWarner), Unicru (acq. by Kronos), FreeRange (acq. by Sprint), and most recently as President of Unigo (acq. by EducationDynamics).

Enhancing Performance And Reimagining Tenant Experience With IoT

Wednesday 30, 12:05h - 12:50h

Mobile: 5.033.294.552

E-mail: brad.mcmahon@rigado.com

English

Yoni Kahana | NanoLock's VP Business Development NanoLock Security

Company nominee for IoT Solutions Awards

PR Person Meredith Shubel

Phone: 401.792.7080 ex.111

Email: meredith@castercomm.com



MEDIA ALERT

Deloitte thought leaders offer insights on Internet of Things at IoT Solutions World Congress 2019

WHAT: Deloitte will have an extended presence at the 2019 IoT Solutions World Congress, the leading international event that links IoT with industry. Deloitte will host discussions at the company's exhibition space and will be featured in both speaking and moderator roles in event sessions. Several sessions will focus on women and diversity in the IoT space, including a panel of female leaders discussing the obstacles they overcame to get where they are today, and what companies are doing to encourage greater diversity in the workplace. Deloitte leaders will be on hand for one-on-one meetings throughout the event.

WHO: Deloitte leaders on site include:

- Andre Barneveld Binkhuysen, Partner, EMEA Industry 4.0 Lead
- Mahesh Chandramouli, Deloitte Connected Travel leader
- Mark Cotteleer, Managing Director, Center for Integrated Research
- Andy Daecher, Deloitte IoT Practice leader
- Egon Hoppe, Chief Diversity and Inclusion Officer, Northwest Europe
- Vincent Rutgers, Global Leader, Industrial Products & Construction
- Stephen Laaper, Principal, Global Leader of Digital Supply Networks
- Helena Lisachuk, IoT Global Lead and Director
- Robert Schmid, Managing Director, Consulting
- Maximilian Schroeck, Principal, Technology, Media and Telecommunications
- Gaurav Shukla, Partner, Deloitte India
- Bart Witteman, Director, Risk Services, Deloitte Netherlands

WHEN: **October 29-31, 2019**
Fira Barcelona, Gran Via (Hall 2)
Barcelona, Spain
Deloitte Stand: D441

Deloitte Sessions:

[Advanced technologies – help or hinderance? A human perspective](#)

This discussion will highlight survey results and engage with experts, including Deloitte's Robert Schmid and Mark Cotteleer, on technology, humans, and society to form a basis for understanding and a road map for managing technology anxiety or enthusiasm.

[Trends in technology for customers in connected transport](#)

This panel of participants, including Deloitte's Helena Lisachuk, will interact heavily with the audience to discuss the newest trends, previous successes and failures, and

future of IoT as it relates to Connected Transportation. Attendees in the session can prod for practical aspects around engaging in new IoT technology, developing IoT adoption models, and what to watch.

AI + IoT – Can it create a competitive edge?

Organizations are continually seeking to realize the full potential of IoT. Featuring Deloitte Digital's Andy Daecher, this session will explore how a major Industrial IoT company is leveraging AI technologies such as machine learning and computer vision to address some of their biggest IoT challenges. It will also explore key findings from a groundbreaking global study revealing the impact of the Artificial Intelligence of Things (AIoT) on companies like yours.

Evolution of digital twins in factory automation

Featuring Deloitte's Maximilian Schroeck, this panel will include the stories of experts who deployed digital twins for Industrial Automation of OEM factory lines, modeling nuclear reactors to predict precise performance / impact and other breath-taking examples of "Twins Revolution" in manufacturing.

Health care security panel

Healthcare IOT requires that security never be treated as an afterthought. Thus, new investments in these technologies often raise red flags in many healthcare organizations. Learn from a panel of insiders how to avoid common pitfalls to get your projects successfully funded and implemented – featuring Deloitte's Gaurav Shukla.

What does your air travel look like in 2040?

With the explosion of IoT and connected devices, real-time location intelligence is critical for unlocking deeper actionable insights. A panel including Deloitte leaders Helena Lisachuk and Mahesh Chandramouli, will discuss how companies are partnering to create mobility ecosystems that deliver the next generation of mobility solutions and location intelligence.

Trends in Technology For Customers In Connected Transport

This moderated, yet totally unscripted, panel of participants will interact heavily with the audience to discuss the newest trends, previous successes and failures, and future of IoT as it relates to Connected Transportation. Attendees in the session can prod for practical aspects around engaging in new IoT technology, developing IoT adoption models, and what to watch.

Intelligent approaches to smart factories

This hybrid presentation/panel will examine multiple dimensions of smart factory deployment, based on the field experience of implementers and clients. The session will cover the various starting points and approaches to deploying smart factory, across a variety of industries. It will also draw upon perspectives from multiple organizational roles, including Deloitte's Stephen Laaper and Mark Cotteleer, in the examination of value delivered and challenges faced.

Fireside Chat: How Blockchain Is Helping Individuals And Businesses Gain Control Over Data In A Post-GDPR World

The EU's GDPR puts the spotlight on the topic of personal data, and individuals are concerned about big tech companies monetizing their data and privacy. Panelists will discuss how blockchain helps businesses authenticate and verify individuals' identities in ways that traditional systems can't. See examples of how blockchain-

based identity is used in financial services, supply chain/logistics, and IoT environments.

Women and diversity in the industry: Navigating the executive ladder

The face of Industry and IoT is changing. This once homogeneous field is becoming more diverse than ever before. Moderated by Deloitte's Helena Lisachuk, learn from a panel of female leaders, how they got where they are today and the obstacles they had to overcome on their journey.

Women and diversity in the industry: Moving the needle

Learn what companies are doing to promote women leaders and diversity in the workplace. Hear about programs that are working, lessons learned, goals for the future, and how culture has changed as a result —featuring Deloitte's own Egon Hoppe.

For the full conference schedule please visit:

<https://staging.iotsworldcongress.com/program/>

WHY:

Deloitte can help companies harness the power of IoT to deliver transformative outcomes and tangible business value. Deloitte spokespeople can also discuss diversity in the workplace and how the face of Industry and IoT is changing. To learn more about Deloitte's presence at the event please visit:

www.deloitte.com/iotswc.

CONTACTS:

Deloitte Spain - Marcos Fontal D: +34 935200669 | M: +34 676143407
mfontal@deloitte.es

Deloitte Global – Lesley Stephen - Tel/Direct: +1 347-786-2258 | Mobile: +1 484-347-7511
lstephen@deloitte.com

Deloitte US - Rory Mackin - Tel/Direct: +1 212 492 3343 | Mobile: +1 646 712 3037
rmackin@deloitte.com

*****Under embargo until Oct. 28 at 7 am PST*****

EdgeX Foundry Reaches 1 Million+ Platform Container Downloads, Launches New Fuji Release

- EdgeX's fifth release offers more scalable solutions to move data from devices to cloud, enterprise and on-prem applications
- The first LF Edge project to achieve Stage 3 ratification, EdgeX hits widespread adoption and production-level maturity
- EdgeX and LF Edge onsite at IoT Solutions World Congress with demos from Dell Tech, Home Edge, IOtech and Project EVE

BARCELONA, SPAIN and SAN FRANCISCO – October 28, 2019 – [EdgeX Foundry](#), a project under the [LF Edge](#) umbrella organization within the [Linux Foundation](#) that aims to establish an open, interoperable framework for IoT edge computing independent of connectivity protocol, hardware, operating system, applications or cloud, today announced the availability of its “Fuji” release. This release offers additional security and testing features on top of the production-ready [“Edinburgh” release](#) launched this spring.

“EdgeX Foundry has experienced significant momentum in developing an open IoT platform for edge-related applications and shows no signs of slowing down,” said Arpit Joshipura, general manager, Networking, Edge and IoT, the Linux Foundation. “As the only Stage 3 project under LF Edge, EdgeX Foundry is a clear example of how open collaboration is the key to an active community dedicated to creating an interoperable open source framework across IoT, Enterprise, Cloud and Telco Edge.”

Launched in April 2017, and now part of the LF Edge umbrella, EdgeX Foundry is an open source, loosely-coupled microservices framework that provides the choice to plug and play from a growing ecosystem of available third-party offerings or to augment proprietary innovations. With a focus on the IoT Edge, EdgeX simplifies the process to design, develop and deploy solutions across industrial, enterprise, and consumer applications. As a Stage 3 project under LF Edge, EdgeX is a self-sustaining cycle of development, maintenance, and long-term support. As an example of the rapidly accelerating use of the code, EdgeX hit a milestone of 1 million platform container downloads, which almost half of these took place in the last few months.

“The 1M container download isn’t our only milestone,” said Keith Steele, EdgeX Foundry chair of the Technical Steering Committee and LF Edge Governing Board member. “The development team has expanded with more than 150 active contributors globally and the partner ecosystem of complementary products and services continues to increase. As a result, we’re seeing more end-user case studies that range from energy and utilities, building automation, industrial process control and factory automation, smart cities, retail stores and distribution and health monitoring.”

The Fuji Release

As the fifth release in the EdgeX Foundry roadmap, Fuji offers significant enhancements to the Edinburgh 1.0 release, which launched in July, including:

- New and improved security features to include PKI infrastructure for token/key generation.
- Application services that now offer full replacement capability to the older export services provided with previous EdgeX releases. These application services offer more scalable and easier to use solutions to get data from the EdgeX framework to cloud, enterprise and on-premise applications.
- Example application services are provided with this release to allow users to quickly move data from EdgeX to the Azure and AWS IoT platforms.
- A new applications functions Software Development Kit (SDK) also provides the EdgeX user community with the ability to create new and customized solutions on top of EdgeX – for example, allowing EdgeX to move edge data to legacy and non-standard environments.
- Unit test coverage is considerably increased (in some services by more than 200 percent) across EdgeX core and supporting microservices.
- New device service connectors to BLE, BACNet, IP camera, OPC UA, GPS, and REST device services.
- Choices for commercially-supported EdgeX device connectors are also starting to blossom with offerings for CANopen, PROFINET, Zigbee, and EtherCat available through EdgeX community members.

LF Edge on Display

Live demonstrations of EdgeX Foundry use cases will be available at the LF Edge booth (booth A141) at [IoT Solutions World Congress](#) in Barcelona, October 29-31. Dell Technologies and IOTech will also be on-site debuting new demos based on EdgeX Foundry while other featured LF Edge projects include Home Edge and Project EVE.

EdgeX Foundry leaders will present on “Leveraging EdgeX Foundry as an Open, Trusted Data Framework for Smart Meter Monitoring,” on Tuesday, Oct. 29 at 12:05-12:50 pm.

Additionally, LF Edge will host a workshop entitled “State of the (LF) Edge” on October 31 in Lyon, France, co-located with [Open Source Summit Europe](#) (October 28-30). More details are available [here](#).

Inaugural EdgeX Open

The EdgeX Foundry community recently kicked off a series of hackathons, titled the [EdgeX Open](#). More than 70 attendees participated in the first event October 7- 8 in Chicago. Hosted by LF Edge and the Retail Industry Leader Association (RILA), and sponsored by Canonical, Dell Technologies, Deep Vision, Intel, IOTech, IoTium and Zededa, the event featured five teams that competed in retail use case categories.

The next hackathon will coincide with the [Geneva](#) release, targeted for Spring 2020. It will be centered on the Manufacturing vertical and held in a location in Europe.

For more information about LF Edge and its projects, visit <https://www.lfedge.org/>

About the Linux Foundation

Founded in 2000, the Linux Foundation is supported by more than 1,000 members and is the world's leading home for collaboration on open source software, open standards, open data, and open hardware. Linux Foundation's projects are critical to the world's infrastructure including Linux, Kubernetes, Node.js, and more. The Linux Foundation's methodology focuses on leveraging best practices and addressing the needs of contributors, users and solution providers to create sustainable models for open collaboration. For more information, please visit us at [linuxfoundation.org](https://www.linuxfoundation.org).

###

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<https://www.linuxfoundation.org/trademark-usage>. Linux is a registered trademark of Linus Torvalds.

Media Contact:

Maemalynn Meanor

The Linux Foundation

Maemalynn@linuxfoundation.org



15 October 2019

World Premiere of end-to-end IoT cybersecurity solution ELIoT Pro presented at IoT Solutions World Congress in Barcelona

[Cyberus Labs](#) presents the world premiere of its simple-to-use and ultra secure IoT cybersecurity solution [ELIoT Pro](#) (Easy & Lightweight IoT Protector) simultaneously at both the **IoT Solutions World Congress** in Barcelona and the **Cybersec Forum** in Katowice, Poland, on the 29th October.

The world premiere of ELIoT Pro will reveal the world's most comprehensive and universal end-to-end cybersecurity system specifically designed for IoT networks, protecting users, devices and data. Now, IoT systems in the automotive, Industry 4.0, Smart City and Smart Building sectors will be better protected than ever, with ELIoT Pro completely eliminating the need for passwords - the weakest point in cybersecurity.

Jack Wolosewicz (Cyberus Labs Co-founder, CEO & CTO) will be presenting ELIoT Pro live to the IoT Solutions World Congress in Barcelona - the largest IoT event in the world to get inspired with new ideas, solutions and people. The presentation will be simulcast in Katowice, Poland, at the Cybersec Forum - one of the most important cybersecurity policy making conferences in Europe.

During The Cybersec Forum in Katowice hosted by The Kosciuszko Institute, there will also be a demonstration of the very first pilot integration of ELIoT Pro with the smart city systems of the City of Katowice. The partnership between the City Office of Katowice and Cyberus Labs will increase the level of cybersecurity in the connected city, protecting its citizens from the threats of cybercrime.

"We're proud to be officially launching ELIoT Pro at two of the biggest events on the European tech calendar", said Jack Wolosewicz (Cyberus Labs' Co-founder, CEO & CTO), "With ELIoT Pro, we are introducing a revolutionary solution to IoT cybersecurity - removing the risk of stolen passwords or credentials and preventing, rather than reacting to, security threats. Our comprehensive lightweight encryption is specifically designed for the

wide range of IoT devices to make any type of IoT networks safer than ever. The strong point of ELIoT is also that it is designed to be fully compliant with current and upcoming EU legislation, so you can rest assured that your IoT network will be fully protected well into the future.”

ELIoT Pro is the most comprehensive and universal cybersecurity solution available to protect IoT systems. By combining secure Human to Machine (H2M), and Machine to Machine (M2M) authentication and communication with revolutionary lightweight encryption specifically designed for IoT, ELIoT Pro makes IoT networks safer than ever before.

And, its AI engine creates an adaptive, self-healing IoT environment to anticipate system failures, identify attacks, and automatically react so users receive “Just in Time” device upgrades and replacements to keep IoT systems fully operational.

ELIoT Pro has received funding from the European Union’s Horizon 2020 research and innovation program via the SME Instrument and will launch in Spring 2020.

Cyberus Labs will be located at a booth A 171 at the IoT Solutions World Congress in Barcelona; and at exhibition area of the City of Katowice at the Cybersec Forum in Katowice, Poland between Tuesday 29th October and Wednesday 30th October.

Media interested in speaking to Cyberus Labs co-founder, CEO & CTO Jack Wolosewicz about the new ELIoT Pro product at IoT Solutions World Congress on 29th October, please email james.elms@cyberuslabs.com to arrange an interview.

For further information please contact:

James Elms

james.elms@cyberuslabs.com

PR Officer Cyberus Labs

NOTES TO EDITORS:

About Cyberus Labs

Based in Poland, with proven Silicon Valley experience, we're a team of cybersecurity specialists that fully understand the new cyber threats faced by your business or organisation, whatever your size.

From traditional sectors who have fully embraced the digital age like banking and e-commerce to the fast-growing world of IoT, your consumers are under threat from hacking attacks in the form of phishing, identity and data theft, and much more.

Put simply, we eliminate the risk of stolen passwords or credentials for both your users and devices - with our unique password-free authentication using one-time transaction codes. And that makes your users, data and devices more secure than ever before.

About Horizon 2020 SME Instrument

Horizon 2020 funds high-potential innovation developed by SMEs through the SME instrument. The SME instrument offers Europe's brightest and boldest entrepreneurs the chance to step forward and request funding for breakthrough ideas with the potential to create entirely new markets or revolutionise existing ones.

Cyberus Labs is the first Polish company selected for the SME Instrument grant in 2018, since the new evaluation process with pitching in Brussels was been introduced. To date, only 10 Polish SMEs have been selected as beneficiaries of the SME Instrument since its start in 2014.

ELIoT PRO joined the prestigious group of the most innovative European projects selected for funding from the SME Instrument (Horizon 2020) to complete development and bring the product to market as quickly as possible.

GlobalPlatform Launches Comprehensive Approach to IoT Security Implementation

IoTopia provides a blueprint for device makers to secure IoT devices and services across all markets and geographies

[GlobalPlatform](#), the standard for secure digital services and devices, today announces the launch of IoTopia, a comprehensive framework for IoT security.



Building on GlobalPlatform's previous work to secure the IoT, IoTopia proposes a common framework for standardizing the design, certification, deployment and management of IoT devices. IoTopia device security will be testable and meet vertical and geographical market requirements by building upon the following four foundational pillars:

1. **Security by Design:** capabilities and features that go beyond best practice and define how secure components and APIs can be used with existing secure by design standards.
2. **Device Intent:** IoTopia leverages IETF's manufacturer usage descriptions (MUD) and uniform resource identifier (URI) to effectively manage device permissions and access on networks.
3. **Autonomous, Scalable, Secure Device Onboarding (SDO):** IoTopia will offer an open, standards-based secure onboarding process to streamline network administration.
4. **Device Lifecycle Management:** a range of features and capabilities to manage devices throughout their entire lifecycle, including updates and maintenance to services, in line with international regulations.

"The IoT ecosystem needs to get serious about security. Many of today's connected objects do more than simply provide information at your fingertips – they make use of sensitive data, gather information and even impact the physical world, in many cases in critical ways," comments Kevin Gillick, GlobalPlatform Executive Director. "In light of this, there is a need for ubiquitous and standardized end-point and network security to prevent devices from becoming an entry point into a network or a platform for attacks. These are serious security concerns that need to be addressed to realize the market potential of IoT – which is why we have launched IoTopia."

The use of proven, internationally deployed [GlobalPlatform technologies](#) to bring trust to the IoT ecosystem will also ensure that compliance with the baseline requires low to no additional costs for device makers.

“IoTopia will provide a detailed but executable framework that is standards-based, industry-wide and able to evolve as security capabilities and requirements change,” adds Russ Gyurek, GlobalPlatform IoTopia Committee Chair. “Importantly, IoTopia is bringing together global and regional guidelines and requirements to help device manufacturers build products and services that satisfy regulatory mandates. This offers the flexible security blueprint that is needed for device makers to build secure devices without having to become cybersecurity companies or experts.”

Kevin adds: “GlobalPlatform has a long history of successful standardization and certification work, which is already adding value to the IoT ecosystem. Our membership stretches across the entire IoT value chain, perfectly placed to go beyond simply defining best practice and help the market to actually implement security for IoT devices and services.”

To witness the public launch of IoTopia and hear perspectives on IoT security challenges from GSMA, NIST and ENISA, join GlobalPlatform at IoT Solutions World Congress on [Wednesday, October 30th from 12:05-12:50](#).

Interested in contributing to [IoTopia](#)? GlobalPlatform invites and welcomes contributions to the [IoTopia Committee](#) from chip vendors, device manufacturers, thing makers, IoT platform providers, system integrators, service providers, certification labs, network vendors, end users, government bodies and policy makers. [Become a GlobalPlatform member now](#).

IoTOPIA™
GLOBALPLATFORM

#IoTopia
#IoTSWC19

Introducing IoTopia

The comprehensive framework for IoT security

Join GlobalPlatform at IoT Solutions World Congress for the official launch, followed by a panel with ENISA, GSMA and NIST to discuss IoT security challenges!

Wednesday, 30 October @ 12.05h-12.50h

Use code 7713DEBF for 50% discount!



-ENDS-

For further media information, please contact Chloe Smith or Erin Lovett at iseepr: chloe@iseepr.co.uk / erin@iseepr.co.uk or on +44 (0) 113 350 1922

Keep up to date with the latest news from GlobalPlatform:

- Follow us on [Twitter](#)
- Join us on [LinkedIn](#)
- Subscribe on [YouTube](#)
- Follow us on [WeChat](#)

About GlobalPlatform:

GlobalPlatform is a non-profit industry association driven by approximately 90 member companies. Members share a common goal to develop GlobalPlatform's specifications, which are today highly regarded as the international standard for enabling digital services and devices to be trusted and securely managed throughout their lifecycle.

GlobalPlatform protects digital services by standardizing and certifying a security hardware/firmware combination, known as a secure component, which acts as an on-device trust anchor. This facilitates collaboration between service providers and device manufacturers, empowering them to ensure adequate security within all devices to protect against threats.

GlobalPlatform specifications also standardize the secure management of digital services and devices once deployed in the field. Altogether, GlobalPlatform enables convenient and secure digital service delivery to end users, while supporting privacy, regardless of market sector or device type. Devices secured by GlobalPlatform include smartphones, tablets, set top boxes, wearables, connected cars, other internet of things (IoT) devices and smart cards.

The technology's widespread global adoption delivers cost and time-to-market efficiencies to all. Market sectors adopting GlobalPlatform technology include payments, telecoms, transportation, automotive, smart cities, smart home, utilities, healthcare, premium content, government, industrial automation and enterprise ID.

GlobalPlatform's legacy of successful technical specification development is thanks to two decades of energetic and effective industry collaboration. Members influence the organization's output through participation in technical committees, working groups and strategic task forces. GlobalPlatform technology is developed in collaboration with numerous standards bodies and regional organizations across the world, to ensure continual relevance and timeliness. For more information visit www.globalplatform.org.



Libelium evolves towards the integration of customized IoT projects specializing in vertical applications for a digital world

Barcelona (Spain), 21st October 2019

Libelium is **tailoring IoT solutions to improve industrial competitiveness**. In a technological market where the demand for professional solutions is increasingly challenging, Libelium has decided to focus on the strategic shift **to offer complete IoT technology solutions specialising in vertical applications**. In this way, Libelium is expanding its market positioning towards to become a system integrator.

[Alicia Asín](#), Libelium's CEO, states that "the market is evolving towards projects that require increasingly specific, precise and high quality technology. For this reason, we are moving forward by directing all our experience and knowledge as device manufacturers towards strategic consulting in order to offer customers the solutions they demand, either with products from our catalog or with integration from third parties."

This is possible thanks to the large ecosystem of partners that Libelium has been developing since the launch of [The IoT Marketplace](#) as a meeting point for "ready-to-use" solutions that include hardware, software and cloud connectivity.

In fact, at [IoTSWC19](#), Libelium showcases solutions for **Smart Cities (water quality management, smart parking, smartphone detection and air quality monitoring)**, **Smart Agriculture (crops and farm intelligent management, solar panels efficiency)** and **Industrial IoT (tracking, smart factory, safety)** among others solutions.

Among the main solutions at the stand, Libelium highlights the use of IoT for applications such as parking to boost urban mobility; industry to improve competitiveness; retail to enhance customer experience; pollution to recover environment; agriculture to increase crop productivity; and solar energy to optimize efficiency.

Blockchain, AI & IoT in the Volga river

The use and combination of artificial intelligence, blockchain and IoT technology is a reality at the testbed area. Libelium demonstrates there the project developed with Aira Life and Smart IoT Distributions titled **“Drones, Sensors and Blockchain for water quality control in the Volga river”**.

A demo of this success story is placed in the testbed area exhibiting this original solution that mixes several disruptive technologies in order to control the water quality of one of the most important rivers in the world.



Javier Gabás, Libelium's expert in green IoT solutions, and Aleksandr Kapitonov, from Aira Life, offer the session titled [“Drones, Sensors and Blockchain for water quality control in the Volga river to promote trustworthy data and transparency”](#) on 29th October, at 16:40, in room 5.

PR Contact: Elena García-Lechuz, Mark&Comm Director.

e.garcialechuz@libelium.com

Alicia Asín outreach

PR Contact: Elena García-Lechuz, Mark&Comm Director.

e.garcialechuz@libelium.com

Alicia Asín, Libelium's CEO



Co-founder and CEO of Libelium. King Jaime I Award 2017 and Women Innovators Awards 2018. Top 100 most creative people in business, according to Forbes.

In 2006, Alicia Asín co-founded Libelium, a company that designs and manufactures IoT technology that improves the quality of life of citizens, increases the competitiveness of companies and makes society more transparent and democratic. She was the **first Spanish woman to receive the National Young Entrepreneurs Award** in 2014. Recognized by Marca España as "Española con Talento" (Spanish with Talent), she participated in the country's international promotional campaign together with the musician Alejandro Sanz. In 2017 she was awarded the King Jaime I Prize and in 2018 she was awarded the second place in the Women Innovators Awards granted by the European Commission. In 2019 she participated as a **jury in the Princesa de Asturias Awards** and was selected by Forbes magazine in the international ranking "top 100 most creative people in business".

Talking points to request an interview

- **The world to come**
 - Main social and technological changes we will see in the near future: sectors in disruption.
- **Improving competitiveness in a digital world**
 - 3 IoT pillars: save money, make money and stay “out of jail”.
- **IoT4good: IoT technology to achieve Sustainable Development Goals**
 - IoT technology is contributing to improve citizens’ quality of life and companies’ competitiveness. Among the reasons to invest in IoT technology, we find:
 - Manufacturing cost reduction.
 - Better use of natural resources and preservation.
 - Product quality improvement.
 - Regulatory compliance.
 - Libelium values and encourages the prioritization of sustainability goals to maximize the impact that the IoT can provide for a better world. Especially considering that the SDGs cover the three dimensions of sustainable development: economic growth, social inclusion and environmental protection.
- **Future of mobility:**
 - Smart parking applications in urban environments and real state.
 - Benefits for public administrations and private companies.
- **IoT Blockchain and AI to promote trustworthy data and transparency:**
 - Drones, Sensors and Blockchain for water quality control in the Volga river.

PR Contact: Elena García-Lechuz, Mark&Comm Director.

e.garcialechuz@libelium.com



IoT Solutions World Congress 2019

Orange will show IoT solutions based on LTE-M to improve efficiency in Industry 4.0, logistics and utilities

- Last June, Orange became the first operator in Spain to deploy a LTE-M commercial network dedicated to Internet-of-Things (IoT).
- The company is testing efficient and safe IoT solutions to be replicated in other use cases of different sectors of activity.

Orange, silver sponsor of IoT Solutions World Congress 2019 (Barcelona, 29th-31st October), will showcase different solutions at this international event -incorporating IoT technology based on LTE-M standard (Long Term Evolution for Machines) - to improve the efficiency and quality of service in sectors such as logistics, utilities or Industry 4.0.

These are the demonstrations visitors will see at Orange stand in the congress (Hall 2, Level 0, Street E, Stand 511):

- Utilities (gas, electricity...): Operational Efficiency

Orange will show the telemetry solution developed for Redexis, an integrated energy infrastructure company that is active in the development and operation of networks for the transmission and distribution of natural gas.

The project covers the entire value chain: telemetry devices, LTE-M network, Orange IoT platform (Live Objects) and integration with customer systems.

This solution will facilitate Redexis to monitor its LPG - Liquid Petroleum Gas - distribution facilities and improve its operability by warning of possible inefficiencies in the infrastructures and anticipating demand. As a result, quality of service and security of LPG supply will be increased.

- Industry 4.0: LTE-M Development Kit

Orange will present a multi-function IoT development kit based on [mangOH](#) technology from Sierra Wireless.

This application is an electronic board (smaller than a credit card), with the possibility of integrating multiple sensors to cover different use cases within IIoT (Industrial IoT).

Orange has also developed a specific connector to integrate this device into its IoT Live Objects platform through LTE-M technology, to be used in applications that require very low battery consumption of the equipment as well as scalability, capacity and security of communications, as is usual in Industry 4.0 environments.

- Transport and Logistic: tracking of critical assets

Orange will present smart tracking for Logistics 4.0, an end-to-end solution developed for large logistics, retailers, pharmaceutical or industrial companies. Thanks to this solution, these organizations will be able to smart track assets such as shipping containers, heavy machinery, pharmaceutical pouches and other valuable goods.



The demonstration will be held together with technology partner Accent Systems, a pioneer in the development of LTE-M trackers for logistics environments. The device or tracker collects real-time information about geolocation and temperature of the asset in order to transmit it through Orange LTE-M network to an advanced analytics platform (smart tracking). Therefore, the user (usually a control centre or operations centre of a large corporation) can fully monitor the parameters and KPIs of the status of the assets.

First operator in Spain with a LTE-M networks for IoT solutions

The solutions that will be seen at IoT Solutions World Congress are based on the quality and security of Orange's new LTE-M network, whose deployment culminated in the first half of this year, becoming the [first operator in Spain to launch this technology dedicated exclusively to IoT solutions](#).

This technology allows implementing multiple use cases that require mobility, greater indoor coverage, greater bandwidth and lower latency, as well as low battery consumption of devices and, even in the future, voice communication.

Orange's new LTE-M network will help companies to move forward in their digital transformation thanks to its great versatility, supporting their IoT needs in different applications: intelligent asset management, meter measurement (electricity, water or gas), digitalization of services in cities (smart control of public space, lighting or waste management), monitoring and control of operations and machines in Industry 4.0 or advanced control of security systems, among others.

About Orange Spain

Spain is the second market of Orange Group, one of the world's leading telecommunications operators with a total customer base of 266 million customers worldwide at 30 June 2018. With a value generation project based on convergence, innovation and service quality, we are the second operator in the Spanish telecommunications market, with sales of 5,349 million euros and EBITDA of 1,700 million euros in 2018. Orange is also one of the main foreign investors in Spain, with more than 31,000 million of euros of accumulated investment, including acquisitions. Through our different brands, all of them of recognized prestige -Orange, Jazztel, Amena Simyo and República Móvil-, we have the confidence of 20.5 million customers –at 30 June 2019-, who enjoy our fixed, mobile and television services.

In our commitment to contribute to placing Spain among the leading countries in new generation networks and preparing the new digital society, we are carrying out an ambitious project to deploy very high broadband fixed and mobile networks, with the aim of reaching FTTH coverage to 16 million Spanish households in 2020 -currently reaches 14.4 million households- complete our 4G deployment - 97% population coverage now- and set the basis for future 5G technology. Additionally, Orange works to have a relevant role in new businesses such as AI, Big Data, security, telecare or mobile banking.

More information at www.orange.es



ORANGE

David Martínez/ Pilar Serrano

david.martinezpradales@orange.com

pilar.serrano@orange.com

Tf.+34 657 805 720 / +34 658 880 453

PRESS RELEASE.

SANIXAIR PARTNERS WITH RELAYR TO ACCELERATE ITS DIGITAL TRANSFORMATION

- *Air sanitation specialist will introduce innovative Equipment-as-a-service model to enhance and insure services and results*

Milan, October 29, 2019: Sanixair, Italian company specializing in indoor and outdoor air sanitizing solutions, has chosen relayr, the Industrial Internet of Things (IIoT) powerhouse, to integrate cutting edge digital capabilities in its air sanitization systems with the aim to increase performance and efficiency of its intelligent services and respond even more quickly to the needs of customers around the world.

Based in Milan, Sanixair has developed a state-of-the-art experience in design and application management of environmental safety in any setting where there is a need for air sanitation in compliance with health regulations. Sanixair's success is closely related to the correct and constant operation of its sanitation systems and their monitoring, for this reason, the company needed to equip itself with advanced control solutions aimed at avoiding risky downtime that could compromise the quality of the air and, consequently, people's health.

In order to ensure continuous monitoring, the company wanted to enable a predictive maintenance system that contained service costs, but also optimized maintenance cycles and sent alerts in case of malfunction. After selecting and testing the best technologies on the market, and through the integration of different products and devices with its technologies, Sanixair is today able to offer a complete solution in the form of a service, dedicated to hotels, offices, hospitals, canteens and generally to any environment where the counts of bacteria is essential, not only for compliance with current regulations, but for people's well-being.

In fact, after a careful analysis of the different alternatives, the company decided to rely on relayr's expertise to evolve its service model to a truly innovative EaaS model that includes analysis, monitoring and optimization of systems and that ensures maximum efficiency and continuity of service. Relayr provides a unique combination of first class IIoT technology and its delivery with powerful financial and insurance offerings. Its solutions will enable Sanixair to analyze data collected by the devices in the field and identify potential abnormal behavior, and act upon it before it impacts activities and systems. Relayr and Sanixair will be able to monitor all active Sanixair devices, keeping under control information about temperature, humidity levels, air quality and service. Devices will be insured to guarantee overall equipment efficiency, reduced downtime and energy savings. Digital transformation processes often involve a level of risk that companies are unwilling to address. To meet this requirement, relayr insures every step of the transformation process, including long-term results.

"We are excited about the innovative model offered by relayr: The combination of technology with insurance and financial capabilities will enable us to shape advanced outcome-based offerings for our customers. Relayr, as part of the Munich Re Group, brings an integrated approach to risk management together with world class technology, which is an extremely important real key differentiator in our market" says Giulio Bensaja, General Manager at Sanixair. *"In relayr we found a partner able to support our Equipment-as-a-Service strategy, offering us the opportunity to provide our customers an increasingly better level of service, in compliance with all regulations related to the sanitation of environments".*

www.relayr.io

Worldwide Corp HQ

Relayr Inc.,
One Boston Place,
Suite 2600, Boston,
MA 02108, USA.

Berlin Office

Bergmannstrasse 102/103,
10961 Berlin,
Germany.

Munich Office

Landsberger Strasse 110,
80339 München,
Germany.

Relayr GmbH

Rotwandstrasse 18,
82049 Pullach i. Isartal,
Germany.
HRB 234794
Tax ID: 37/490/31349
VAT ID: DE288362290

sales@relayr.io

Chicago Office

200 West Adams Street,
Suite 2015, Chicago,
IL 60606, USA.

Katowice Office

ul. Uniwersytecka 20,
40-007 Katowice,
Poland.

United Kingdom Office

Suite 3 AMS Tower,
AMS Technology Park,
Burnley, BB11 5UB, UK.

Managing Directors

Josef Brunner & William Hite
Amtsgericht: München



delivering business outcomes

"We are very proud to be able to collaborate with an Italian company like Sanixair in its digital transformation process aimed at enhancing the Equipment-as-a-Service model offered to the market," explains Josef Brunner, CEO at relayr. "Intelligent and networked systems help the supplier adapt the maintenance schedule to planned downtime and to use complex analysis to predict maintenance needs or failures. IIoT solutions can help exploit an invisible and unsuspected potential".



delivering business outcomes

About relayr

Relayr is the Industrial Internet of Things (IIoT) powerhouse delivering the most-complete solution for risk-free digital transformations. We unleash data insights from existing equipment, machines and production lines to improve our customers' business outcomes. We enable industrial companies to shift from CAPEX to OPEX-based offerings to their respective markets, providing a unique combination of first-class IIoT technology and its delivery with powerful financial and insurance offerings — all from a single source trusted by hundreds of companies worldwide. With relayr, manufacturers, operators, and service companies for industrial equipment are empowered to implement fully interoperable IIoT solutions guaranteed to achieve their target business outcomes. <https://relayr.io>



About Sanixair

Sanixair, born as an innovative startup, has quickly become a container of excellence of the most advanced technologies in the indoor and outdoor air sanitation market. Sanixair offers design and application management of environmental safety in any setting where there is a need for air sanitation in compliance with health regulations. <https://www.sanixair.com>

Relayr PR & Media Contacts:

David Petrikat, Global Marketing Director / david.petrikat@relayr.io

Sanixair PR & Media Contacts:

Lucio Lecchini, Technical Director / lucio.lecchini@sanixair.com

www.relayr.io

Worldwide Corp HQ

Relayr Inc.,
One Boston Place,
Suite 2600, Boston,
MA 02108, USA.

sales@relayr.io

Chicago Office

200 West Adams Street,
Suite 2015, Chicago,
IL 60606, USA.

Berlin Office

Bergmannstrasse 102/103,
10961 Berlin,
Germany.

Katowice Office

ul. Uniwersytecka 20,
40-007 Katowice,
Poland.

Munich Office

Landsberger Strasse 110,
80339 München,
Germany.

United Kingdom Office

Suite 3 AMS Tower,
AMS Technology Park,
Burnley, BB11 5UB, UK.

Relayr GmbH

Rotwandstrasse 18,
82049 Pullach i. Isartal,
Germany.
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Tax ID: 37/490/31349
VAT ID: DE288362290

Managing Directors

Josef Brunner & William Hite
Amtsgericht: München

Press Release

Thingstream launch connectivity solution to simplify node to enterprise data integration for private LoRaWAN® networks.

Thingstream's new Connectivity-as-a-service offering for LoRaWAN® networks, **MQTT Here**, provides enterprises with the simplest technical proposition to reliably transport sensor data from LoRaWAN gateways directly into enterprise systems with zero integration overhead, in a straightforward commercial model.

Zurich, Switzerland, 24th. October 2019 – Thingstream, the leading global low-power MQTT network provider now lead the field in unified sensor data connectivity and aggregation with the launch of **MQTT Here**, a service for private LoRaWAN networks which complements the existing global cellular low power connectivity offering, MQTT Anywhere.

MQTT Here offers the unique combination of hosted, scalable LoRaWAN Network Server components with Thingstream's industrial MQTT Broker and Data Flow Manager which offers data pre-processing and integration into mainstream IoT and enterprise systems being used today, including those from IBM, Bosch, Software AG, TIBCO, Siemens and more. This powerful combination of tools is packaged into a simple subscription plan starting from as little as \$1.00 per month for 500 MQTT messages consumed by a LoRaWAN Gateway, with no term contract.

"We are delighted to join the LoRa Alliance® and look forward to becoming an active member of a growing and engaged community. By combining our **MQTT HERE** to LoRaWAN implementation we are enabling enterprises to access a single platform to manage connected devices global data flow from a single platform, regardless of the underlying radio network." said, Philipp Bolliger, CEO, Thingstream.

"Private LoRaWAN networks are a fast growing area for LoRaWAN technology, making up approximately 50 percent of our deployments today," said Donna Moore, CEO and Chairwoman of the LoRa Alliance. "It is great to see new members coming into the LoRa Alliance with innovative solutions. We look forward to Thingstream's contributions to the LoRa Alliance as a new member."

As industrial IoT implementations mature, enterprises will be adopting different radio standards for different use cases; as these begin to mature and migrate from proof of concept to production there will be increasing demand to use a single interface to aggregate, normalise and integrate the data flow into multiple internal enterprise systems - and back; Thingstream deliver this today with a simple approach to a complex challenge.

About Thingstream

Thingstream is a leading provider of Connectivity-as-a-Service for the Internet of Things (IoT) applications. Thingstream's intelligent Global Connectivity Platform provides low power, low cost, ubiquitous IoT connectivity via MQTT and works in over 190 countries already today. The secure, out-of-the-box IoT connectivity solution leverages both the globally-available GSM network as well as private LoRaWAN implementation to offer immediate, global IoT connectivity that no other low power connectivity provider can today. Thingstream specialises in helping simplify IoT connectivity, reducing costs and operational overheads in the delivery of an intelligent network of connected things. For more information visit <https://thingstream.io>.

LoRa Alliance® and LoRaWAN® are registered trademarks, used with permission.

Press contact for Thingstream:

Dan Walsh

MUSTARD PR

dan@mustardpr.com

+44 (0) 7827 816 971

VODAFONE IoT IS FIT FOR THE FUTURE

Vodafone will present some of its most cutting-edge IoT products and services at this year's IoT World Congress

Barcelona, 26 October 2018

At the 2019 [IoT Solutions World Congress](#) Vodafone, alongside some exclusive customers and partners, will once again showcase its latest market-leading IoT products and services for both consumers and businesses.

A number of exciting IoT applications for businesses will be available for visitors to the stand to experience during the event. Many of the solutions on show are developed on the Vodafone Business IoT application enablement platform, Vodafone Business App-Invent. Some examples of what will be on display include; an electric link-box fault detection system that makes it easier to manage “below the ground” issues, an innovative smart waste service, an automatic faulty products recall application as well as fleet analytics and internet-in-the-car solutions.

Visitors to the stand will also be able to experience first-hand how IoT can truly change lives thanks to the unique “Connected Living” solution, developed together with [Mencap](#). This helps people with learning difficulties to live more independently and improve their quality of life.

Vodafone will also be showcasing its newest innovations in Consumer IoT at the event. With the company's new ‘Works with V’ site <https://workswithv.vodafone.com/partner-programme/>, that brings together the most exciting and innovative IoT devices from Vodafone partners across the globe in a single, easy to navigate marketplace. Customers can be confident that everything comes with our easy-to-activate V-Sim, connected to Vodafone's fast and reliable network which spans more than 200 partner networks in over 100 different countries.

The Vodafone spokespeople attending this year's World Congress and providing their unique insight into the world of IoT are:

- Phil Skipper, Head of IoT Business development who will be giving a keynote speech on ‘The Path to Business Transformation in a digital world’ (Auditorium, Wednesday 30th, 9.50am)
- Connect Lab, manufacturers of V-Bike, will give a presentation on ‘The Future of Smart Mobility’ (Room 2, Thursday 31st, 12-1pm)
- David Copeland, Senior product manager CloT and Michele Frassini, Sales strategy manager CloT, will give a presentation on ‘Vodafone enabling Consumer IoT startups to reach a global audience’ (Thursday 31st, 12.55 – 1.40pm)

ENDS

For more information contact:

Maria Lini

Maria.lini@vodafone.com

About Vodafone Group

Vodafone Group is one of the world's leading telecoms and technology service providers. We have extensive experience in connectivity, convergence and the Internet of Things, as well as championing mobile financial services and digital transformation in emerging markets.

Vodafone Group has mobile operations in 24 countries, partners with mobile networks in 42 more, and fixed broadband operations in 19 markets. As of 30 June 2019, Vodafone Group had approximately 640 million mobile customers, 21 million fixed broadband customers and 14 million TV customers, including all of the customers in Vodafone's joint ventures and associates. For more information, please visit: www.vodafone.com.

IoT Solutions World Congress - Vodafone demos



The Connected City:

Fault Detection

- Using a map of a city, this demo shows how Vodafone Business App-Invent and Narrowband IoT (NB-IoT) can be used to collect and analyse data for the utilities industry. In this example, electricity link boxes installed beneath inspection covers have sensors, which detect and report temperature and humidity.

Smart Waste

- Identified on a city map, waste bins can be located and monitored to help city councils with waste management. Vodafone Business App-Invent has the potential to enable analytics and a visual view of the assets, turning digital monitoring into actionable insight.

Tag & Track (coffee cart)

- Using a coffee cart as an example of a valuable asset, we show how our Tag & Track solution can be used by the small and medium enterprises (SMEs) to track critical business tools.

Connected Living:

"Works with V"

- On a digital screen, we will demonstrate the consumer IoT offering: "Works with V", an online marketplace for Vodafone partners to showcase their products and solutions powered by V-Sim.

Assisted Living

- In collaboration with Mencap, this realistic demo shows how people with learning difficulties can live more independently thanks to a range of sensors controlled by residents and remote carers.

Product Recall

- In the kitchen area viewers can see how Vodafone Business App-Invent can be used to assist product recall by indicating to consumers and manufacturers when their products need to be recalled or modified.

Connected Garage:

Fleet Management

- Viewers will be able to see the MyVodafoneFleet web portal, which includes our latest fleet management solution Vodafone Business Fleet analytics, the result of our recent partnership with Geotab. The partnership brings together Geotab's open fleet performance capabilities and Vodafone Automotive's expertise in vehicle safety and security.

Driver Academy

- Shown through an interactive touch screen shaped like a smartphone, viewers can see how Vodafone Driver Academy monitors driving behaviour through sensors and influences positive conduct. This product is a great opportunity for companies to enhance health and safety initiatives for employees and build on corporate social responsibility policies.

NB-IoT Parking Sensor

- Our NB-IoT parking sensor offers an innovative, low-cost, solution to predict parking space occupancy. Not only this is useful for drivers and autonomous vehicles alike, but it also optimises the management of private and public spaces.

V-Bike

- As part of our Consumer IoT offering, V-Bike is an all-in-one safety device for cyclists. Users will benefit from brake and rear light visibility when cycling, impact detection, "help" alerts to let trusted contacts know if help is needed, "Find my Bike" GPS tracking, movement detection (in case the bike gets moved), and up to 10 days battery life.

Lexus Car

- A Lexus car connected with in-car Wi-Fi powered by Vodafone will be available to see which is the first example of how Vodafone Business and Consumer IoT come together in partnership to create product and

marketing solutions for brands and their customers.



Connected Workplace:

Occupancy Management:

- This demo shows how visual analytics can be used to improve the management of office space. Both Vodafone Business App-Invent and artificial intelligence can be used to help users make informed, data-driven decisions and to determine where people are.

Sony shows off state-of-the art IoT components and solutions in Barcelona, Oct 29-31

To many people, [Sony](#) is synonymous with PlayStation, premium TVs, cameras, music and blockbuster movies. However, with its large divisions within [semiconductors](#) and [IoT](#), Sony is at the forefront of connected technology with leading solutions for 5G, power efficiency, mobile communication, and devices small and lightweight enough to be wearable. IoT is part of many sectors of what Sony is doing across the world. This year at [IoT Solutions World Congress in Barcelona](#), Sony is showcasing four selected product areas with live demos based on cutting-edge connectivity technology. Below is the overview of the highlights.

Altair Semiconductor enables over 10 years of battery life on a single charge

The backbone of all IoT solutions is connectivity in one form or another, and in many cases the deployed hardware works remotely where constant mobility might be required and in locations where there are no fixed power outlets. The [Sony group company Altair](#), who is a leading provider of Cellular IoT chip solutions, has developed the commercially available Cellular IoT chipset [ALT1250](#). This advanced 5G-ready chipset stands out by not only having a tiny footprint and integrated IoT security, but IoT solutions made with it can get a battery life time of over 10 years on a single charge. The Altair cellular IoT solutions are used by operators world-wide and if you're visiting the trade show you'll be able to witness a live demo of the chipset with the power consumption graphs displayed in real-time.

Introducing a brand-new LTE extension board for Spresense microcontroller board

For the first time outside Japan, Sony is now introducing the Spresense LTE extension board which is a plug-on solution for the [Spresense microcontroller board](#). The LTE extension board features the ALT1250 chipset from Altair making it ready for IoT use cases of the future. Spresense microcontroller board launched last year with a unique combination of power efficiency and computing ability. Fueled by Sony's hexacore microcontroller [CXD5602](#), Spresense has enough computational power to perform both real-time image and audio analysis – something the Spresense team will be showing live in the booth during the event with demos for Smart Cities and Industrial IoT. At the

same time, the board has class-leading power management that enables battery powered IoT use cases.

Check out the wearable rescue solution by SafeTRX based on Sony's mSafety platform

What do you do if you run into trouble while kitesurfing? The [SafeTRX](#) team at 8 West Consulting joined forces with the [mSafety](#) team from Sony – which is providing a platform upon which to build mobile health applications – to answer this question. Our collaboration led to the development of a new tracking service, complete with a real-time connected wearable (featuring ALT1250 and CXD5602) and a back-end cloud solution for administration, which effectively takes the 'search' out of 'search-and-rescue' activities. Visit the Sony booth to learn more, and to discover how mSafety improves peace of mind in a multitude of other applications, such as remote health monitoring and workplace safety.

Visilion – now you know what's happening to your goods and equipment

Studies show that nurses and doctors often waste time searching for equipment. '[Visilion for healthcare](#)' is a real-time positioning service from Sony that highlights the location of tagged items on a user-friendly digital map. It makes things and people easy to find, even if they are on a different floor or in a different building. Visilion also provides data on how much, or how little, equipment is used, where it is used and by whom. This helps hospitals optimise equipment usage, as well as providing valuable insights into people and equipment flows.

Goods owners, freight forwarders and haulers often have no way of knowing the location or condition of their goods during transit. '[Visilion for logistics](#)' from Sony is an easy-to-use cloud-based tracking and analytics service that gives companies the delivery accuracy they've been looking for. Users get notifications of departure, arrival, late delivery, positioning, temperature and shock detection – information about all key events during transit. Visilion provides insights that enable smarter planning and decision-making, ultimately making businesses more profitable.

You'll find the Sony team in booth D460 (Hall 2) where we'll be happy to demo the latest IoT solutions. If you'd like to pre-book a private meeting with any of the Sony product teams, you're most welcome to [Contact Us](#).

Daniel Sandblom
Technical Marketing Manager
+46 (0)767 621471
daniel.sandblom@sony.com
developer.sony.com

PRESS RELEASE

GFT selected to demonstrate connected car cloud-based data streaming at IoT Solutions World Congress

Barcelona – This year, GFT has been chosen by a committee of experts coordinated by the Industrial Internet Consortium (IIC) as one of ten companies to show innovative solutions in the so called testbed section of the IoT Solutions World Congress in Barcelona (29th – 31st October).

This section will demonstrate how the Industrial Internet, combined with Artificial Intelligence, blockchain, drones, 5G and other disruptive technologies, is transforming multiple sectors with new products and services that were beyond imagination a few years ago. The installation presented by GFT will exhibit a connected car demo that shows how data streaming architecture on the cloud allows analyzing driving habits and deriving customized car insurances as a future use case. The system evaluates drivers' behaviour in real time using cloud-based technology and machine learning. In the demonstration, visitors will be able to drive radio-controlled cars around a track, while augmented reality determines the risk profile of the driver, thus laying the foundation for real life applications like predictive maintenance or safety services.

The IoT Solutions World Congress, which was held for the first time in 2015 has become a world reference on Internet of Things (IoT). It claims to be the largest international event dedicated to the Industrial Internet, adding other technologies that accelerate the digital transformation of sectors such as transport, goods manufacturing, health, energy and supplies, as well as many others. This year, in addition to the testbeds, the exhibition area will bring together more than 400 exhibitors, including leading global providers of IoT solutions, Artificial Intelligence and blockchain.

Press contact:

Marian Antón – M. 696 75 41 46 – E-Mail: marian@beonecomunicacion.com