



Mobile IoT Marketing Update

25 October 2018

Andrew Parker, Programme Marketing Director IoT, GSMA
Eric Yu, Marketing Manager IoT, GSMA

GSMA Antitrust Policy

- Anti-trust law prohibits (i) agreements (written or implicit) between competitors which may negatively impact consumers or competitors and (ii) sharing of confidential information
- All GSMA participants **must** abide by the following rules:
 - ✓ **DO** clearly identify the positive purpose of each project and follow it
 - ✓ **DO** consult with legal in areas where you are unsure
 - ✗ **DON'T** enter into agreements that restrict other parties' actions or creates barriers to market entry
 - ✗ **DON'T** discuss or exchange information on pricing, business plans, or any other confidential or commercially sensitive data



Mobile IoT Marketing Group




Agenda

1. CES19
2. MWC19 – 8th Mobile IoT Summit, Innovation City & 4YFN Showcase
3. Post-event Update: MWC Los Angeles, IoT Solutions World Congress
4. Mobile IoT Commercial Launches Update
5. Intelligent Connectivity: Website Launch & Report
6. IoT Collaborative Project
7. GSMA IoT Resources Update
8. AOB



CES[®]

2019



The banner features a blue background with a globe and network icons. On the left is the GSMA logo. The main text reads 'MOBILE IoT BREAKFAST BRIEFING' in large white and yellow letters, followed by 'The low power opportunity for consumer electronics' and 'Free to attend'. At the bottom, it says 'Jan 9, 2019 | 7:30am - 9:00am Luxor Hotel, Las Vegas' and 'REGISTER NOW' with a white arrow icon. On the right side, there is a 'CES' logo and a white antenna icon with signal waves.

Planned GSMA IoT Activities

- **Tuesday, 8 Jan – Friday, 11 Jan, CES Exhibition:**
 - GSMA IoT stand (IoT Vendor space, Smart Cities area)
 - Promote Mobile IoT, Mobile IoT Innovators, GSMA IoT Security Guidelines
- **Wednesday, 9 Jan, Luxor Hotel & Casino:**
 - Mobile IoT Breakfast Briefing ([Registration](#))
 - Mobile IoT Initiative meeting for LTE-M Task Force and NB-IoT Forum
 - Mobile IoT Developer Workshop
 - Mobile IoT Innovators Networking Reception



25-28 February 2019

GSMA IoT & Intelligent Connectivity at Mobile World Congress 19





Planned Activities at MWC19

	Sun, 24 Feb	Mon, 25 Feb	Tue, 26 Feb	Wed, 27 Feb	Thu, 28 Feb
		Intelligent Connectivity GSMA Innovation City - Hall 4, Fira Gran Via Mobile IoT Innovators Showcase at 4YFN – Fira de Barcelona Montjuic Venue			
AM			GSMA IoT Seminars (scheduling tbc)		
PM	8th Mobile IoT Summit – Hotel NH Collection Barcelona Tower [formerly known as Hesperia Tower Hotel]		GSMA IoT Seminars (scheduling tbc)		

To be confirmed:

- Mobile IoT Initiative Meeting
- Security Meeting
- Drones Meeting



8th Mobile IoT Summit GOING GLOBAL

Hotel NH Collection Barcelona Tower | Sunday, 24 February 2019



The Mobile IoT Summit this year will focus on:

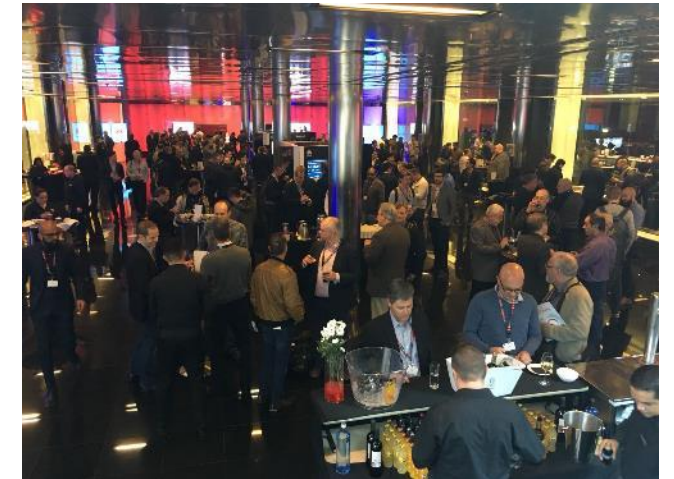
- Cost effective delivery of service worldwide
- Extended coverage, with a focus on supporting the mass consumer market
- The long term outlook for **LTE-M** and **NB-IoT** in relation to 5G

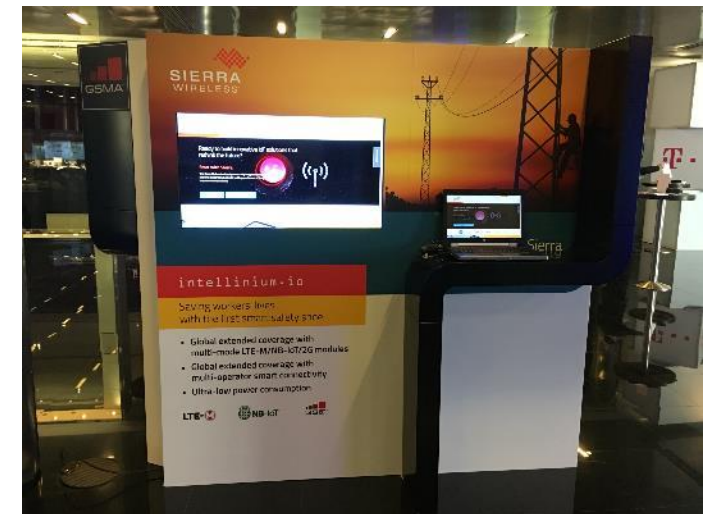
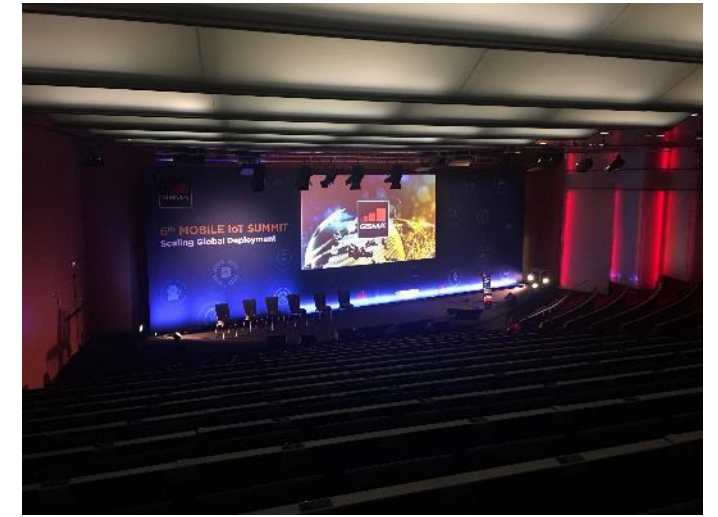
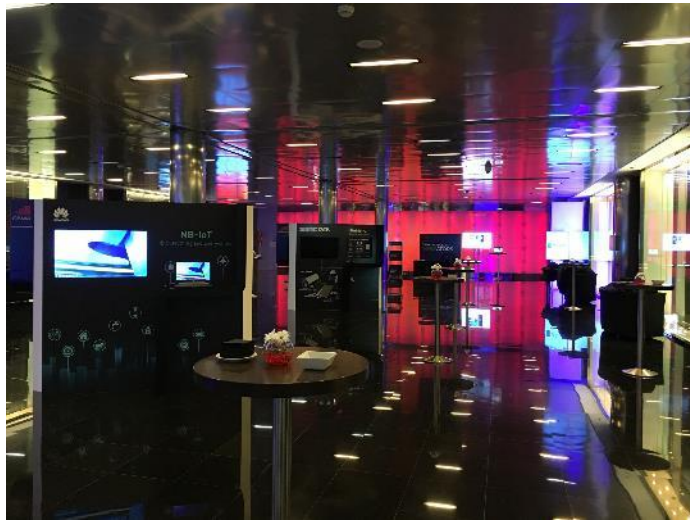
<https://www.gsma.com/miotsummit8>



Theme: Scaling Global Deployment

- Date: Sunday, 25 February 2018 (MWC18 Day 0)
- Venue: [Hotel NH Collection Barcelona Tower](#)
- Proudly sponsored by Huawei, Sequans, Deutsche Telekom & Nokia
- Record high registration (**650**) and attendance (**467**)
- 7 demo partners ([details](#)): Arm & Vodafone, Deutsche Telekom, Huawei, Sequans, Sercomm, Sierra Wireless & u-blox
- On-demand video presentation: <https://www.gsma.com/iot/event/6th-gsma-global-mobile-iot-summit/>





- Date: Sunday, 24 February 2019 (MWC19 Day 0)
- Venue: [Hotel NH Collection Barcelona Tower](#)
- Similar format as last year: half-day conference in the 500-seat auditorium with 8 Mobile IoT demonstrations. Criteria:
 - Vertical related solutions (e.g. industrial, smart city, agricultural, etc.)
 - Live network connected if possible. IoT team can help connect your partners with local operators
- Sponsorship opportunities:
 - Silver Sponsors
 - Networking Sponsors
 - Please contact Eric Yu (eyu@gsma.com) or Fay Jenkins (fjenkins@gsma.com) for sponsorship details





MWC19™
Barcelona

**INTELLIGENT
CONNECTIVITY**

GSMA Innovation City

25-28 FEB | Hall 4 | Fira Gran Via

GSMA Innovation City

The GSMA Innovation City is a themed experience hosted by the GSMA that showcases the latest industry trends and is set right at the heart of MWC. Having established itself as a focal point for press and media as well as a highlight for many delegates and VIP tours the City demonstrates how mobile is transforming businesses and enhancing the lives of consumers globally. The City is promoted as a “must see” exhibit at all 3 Mobile World Congress events.



“The GSMA’s Innovation City is where they showcase some of the more progressed and realistic futuristic ideas.”



A Snapshot of MWC18

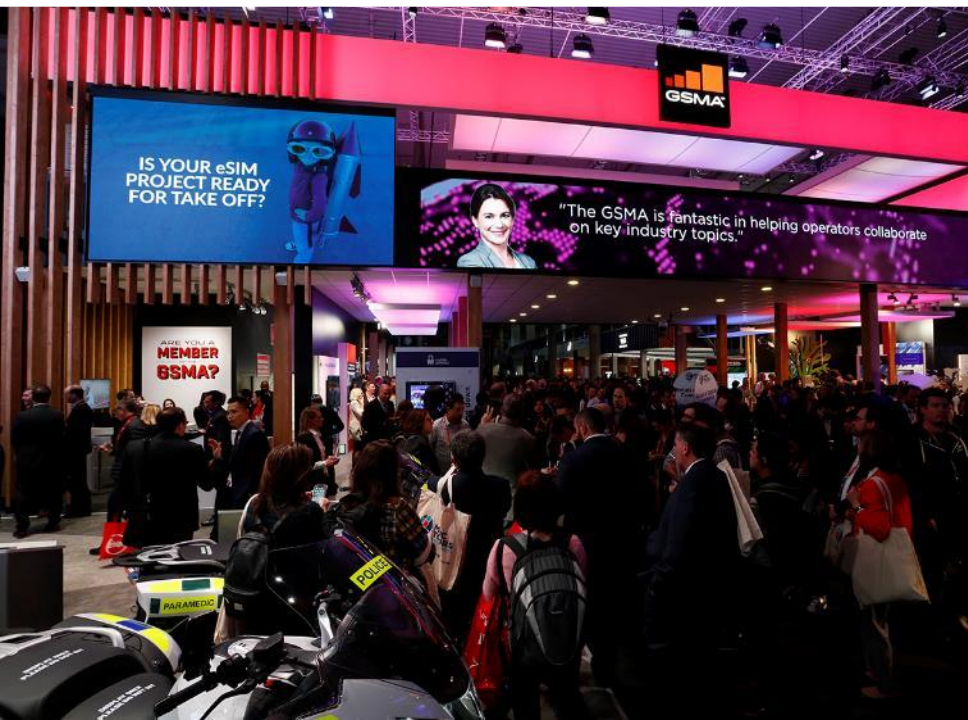
Promoted as the “must see” exhibit space at MWC, the GSMA Innovation City frequently steals the show at the event:

- Prestigious location and pathway to keynote halls and conferences with over 40,000 unique visitors and 100+ media interviews conducted on GSMA Innovation City in 2018
- A key highlight of VIP tours, Industry, Press & Analysts as well as Royal visits. In MWC18, Innovation City had 101 press engagements, 77 original pieces of broadcast, print and online coverage, 16 broadcast features including BBC, CNN, Telecom TV, Reuters, Sky, Al Jazeera
- Dedicated press release and omni-channel promotions to 50,000 delegates and 28,000+ GSMA Membership contacts

HIGHLIGHT OF MWC18



Felipe VI, King of Spain





IoT Security Demo



IoT Big Data Demo
Air Quality Monitoring



FC Barcelona
Smart Stadium Demo



Mobile IoT Demo - Samsung IoT Tracker

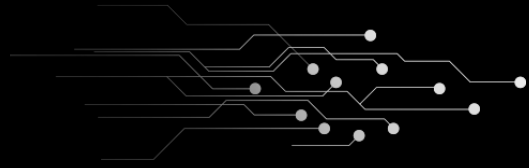


Mobile IoT Demo - Samsung IoT Tracker



Director-General of GSMA punching hard at
The IoT Punch Box





Call for Demo Proposals in the GSMA Innovation City

- Themed around **Intelligent Connectivity** and categorised into, but not limited to, Artificial Intelligence, Digital Trust, Digital Wellness/Healthcare, Smart Platform, Industry 4.0, Connectivity, etc.
- Immersive, innovative, highly visible and photogenic demonstration with great media values
- Preferably on live network including, but not limited to, 5G connectivity and Mobile IoT (LTE-M & NB-IoT) connectivity
- Full support with on-site experts from your organisation

This is an excellent co-marketing opportunity which brings visitors from Innovation City to partners' stands.

A series of internal discussions will be conducted by the Innovation City committee for assessing and qualifying the demonstration based on the theme of the GSMA Innovation City





4YFN Showcase

25 – 28 Feb | Fira de Barcelona | Montjuic

GSMA MOBILE IoT INNOVATORS

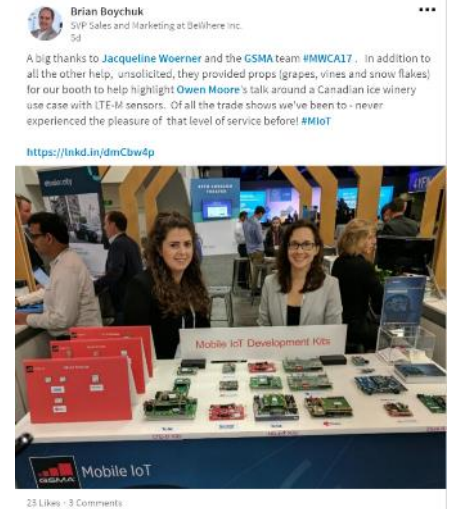
Mobile IoT = Trusted IoT





Call for Demo Proposals

- We are keen to work with innovative Mobile IoT developers and startups
- Proposals can be any demonstrations on LIVE Mobile IoT networks (LTE-M or NB-IoT) including but not limited to asset tracking, industrial sensor, smart factory/construction, smart city, smart agriculture, wearables, etc.
- Other activities being considered: Mobile IoT Workshop, Technical Consultation, etc.



Post-Event Update



IoT AT MOBILE WORLD CONGRESS **AMERICAS**

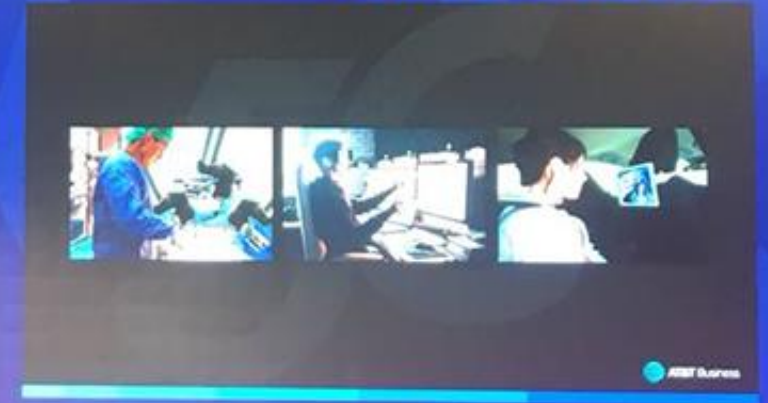
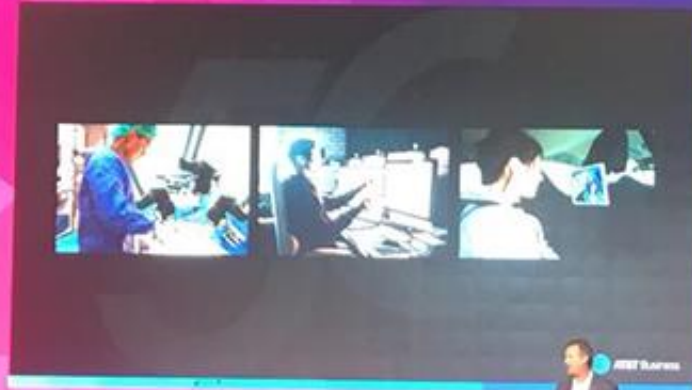
Los Angeles | Sept 12-14 2018





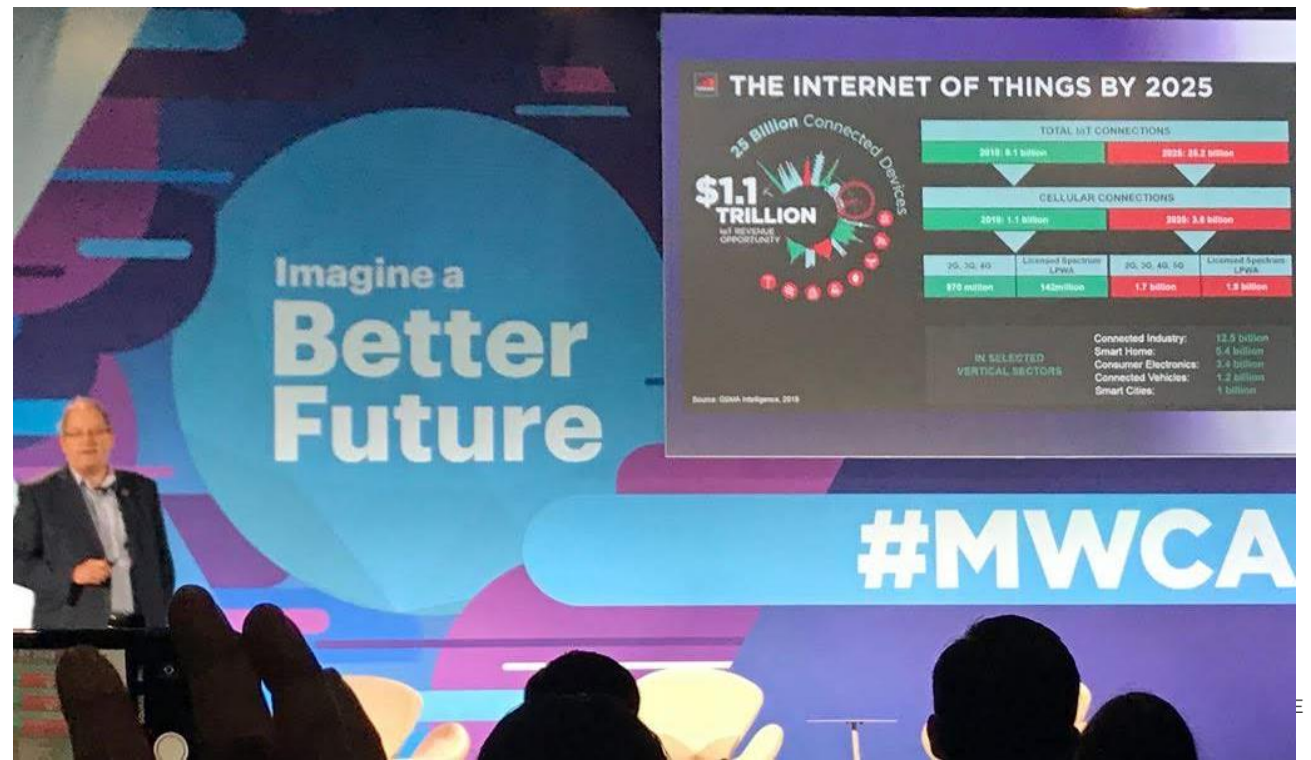


#MWCA18



IoT Conference

Wed, 12 Sep | 13:00 - 17:00





INTERNET OF THINGS

AT THE GSMA INNOVATION CITY

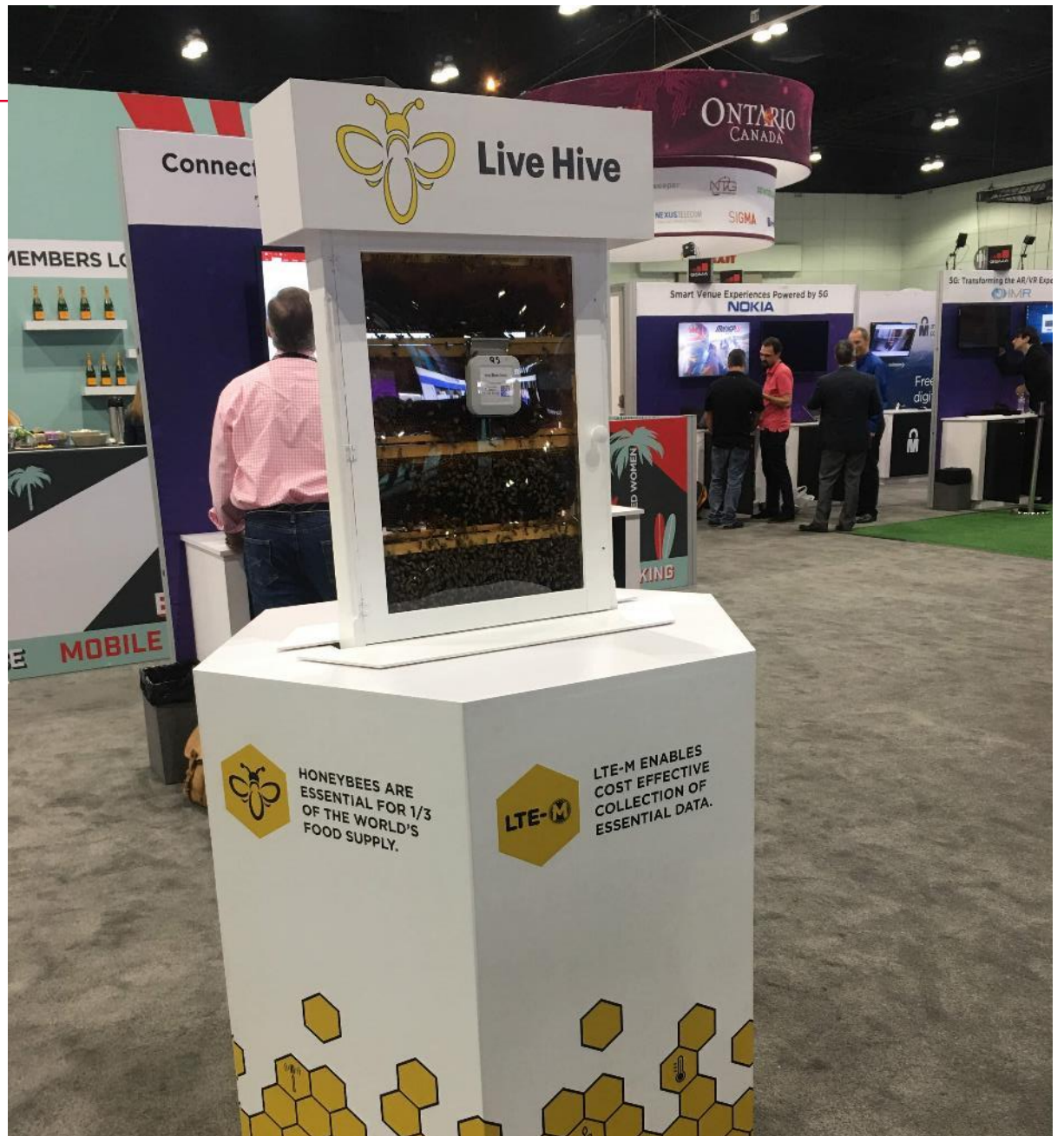
SEPT 12-14 | South Hall | Los Angeles Convention Center



LTE-M Asset Tracker



IoT Tour





NetraDyne AI Dashcam for Fleet Management



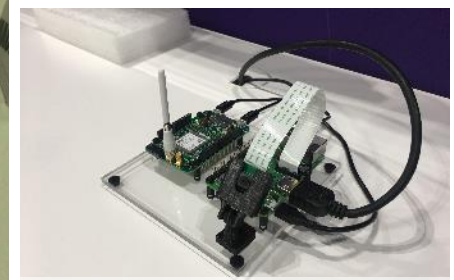
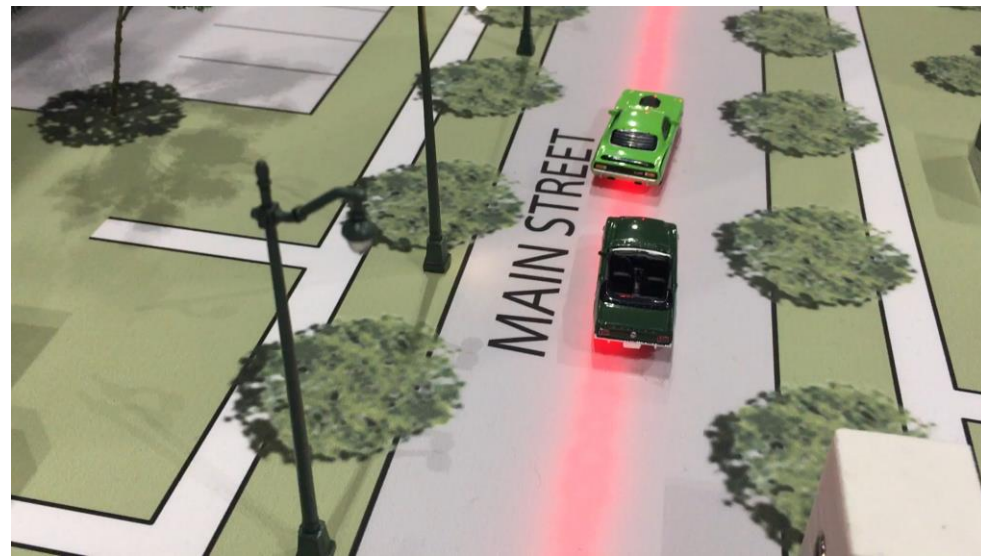
AT&T/Astute Inc. Remote Patient Monitoring



AT&T AWS LTE-M Button



G+D Smart City Demo



G+D Smart Video Cam Demo



What did our partners say?

“GSMA Team - I’d like to take a moment to echo Ven’s note. An unequivocal success, the GSMA support and entrepreneurial, can do attitude was fundamental to pulling this off. Thank you.” **David A. Houghton**, GM – Asset Tracking Solutions, NimbeLink

“Thank you for your leadership of this event. Excellent experience for us!” **Barbara White**, Director, AT&T IoT Solutions

“Thanks again for the opportunity to showcase our product. I learned a lot last week!” **Matt Drake**, Regional Sales Manager, NetraDyne

“Thank you for sharing the photos. What a successful event! ”
Jaclyn Ng, Product Marketing Manager, Sierra Wireless

“Great photos! It was a pleasure and fun to plan and work on the city light demo.” **Jyrki Penttinen**, Program Manager, G+D Mobile Security

“I would like to congratulate You and You’re team on a very well organized and executed Innovation City Program. There was consistent traffic and a genuine wow factor around the bee display. ” **Ven Dixit**, Marketing Manager, NimbeLink



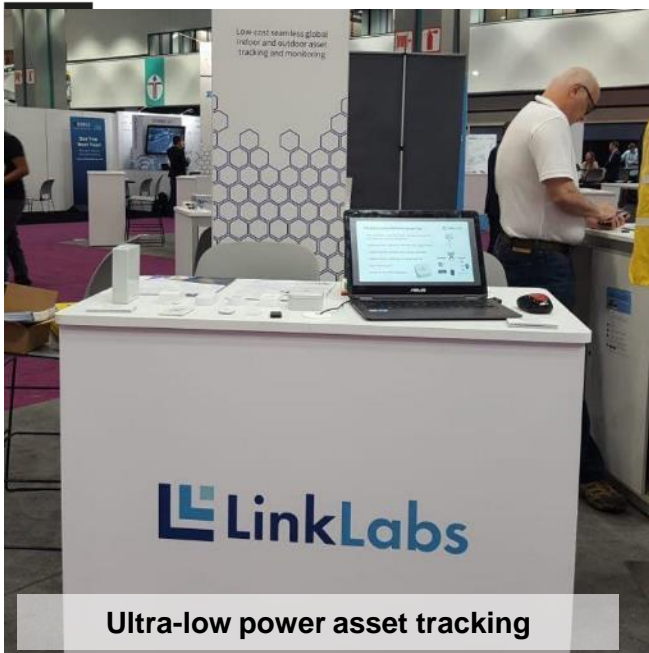
4YFN | Connecting Startups

INNOVATING WITH MOBILE IoT



MWC Americas 2018 | West Hall, 4YFN, Stand W.220





Ultra-low power asset tracking



Real-Time Location Reporting for Construction Project Management



Time of Flight Distance Measurement for Industrial IoT





IoT Solutions World Congress

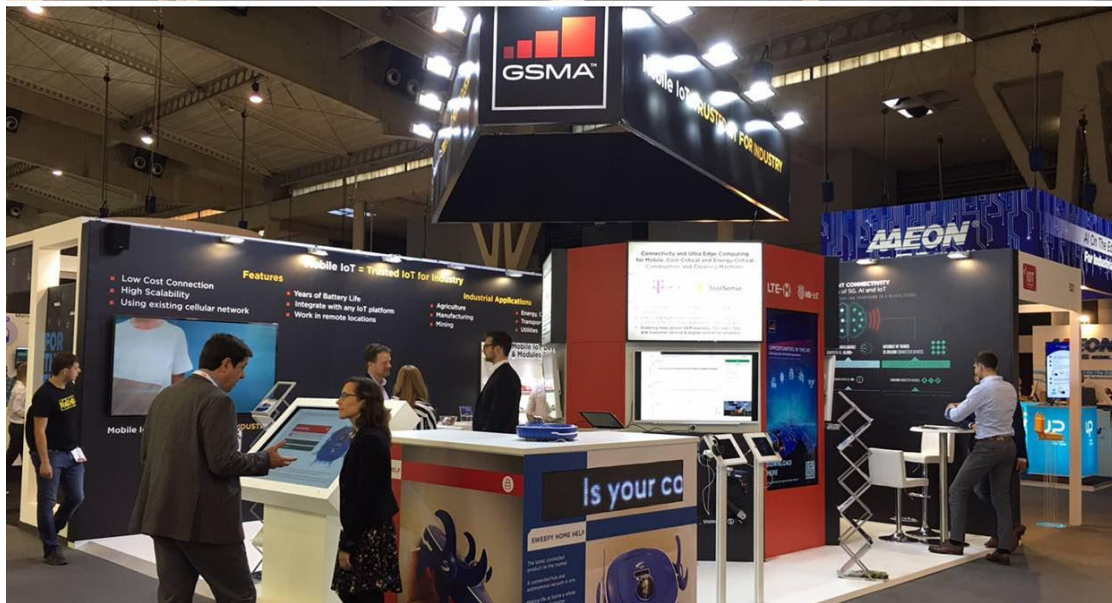
16 - 18 October 2018 | Fira Gran Via, Barcelona



Demo Title	Brief Description	Operator Partner	Vendor/Customer Partner	Technology
Sweepy Home Help	Sweepy Home Help is not just a connected hub for your smart home, it is also an autonomous vacuum – and should make life at home a whole lot easier and smarter. But Sweepy was launched to market too early and without the necessary security measures, making life at home rather alarming. Visit us to see Sweepy in action and discover its hidden vulnerabilities.	N/A		IoT Security
Connectivity and Ultra Edge Computing for Mobile, Energy-critical Construction Machines	'Connected Customer Service' enables our customers to reduce annual servization cost / tool by up to 30%. ToolSense is the winner of ORF Futurezone Award "Best IoT Startup 2017", part of Deutsche Telekom's "hub:raum NB-IoT Warp Program", part of SAP's "Startup Focus Program" and part of University of Applied Sciences Technikum Vienna's "Student Startup Incubator Program".			
Automated Pest Monitoring and Forecasting Platform	Combining IoT and Artificial Intelligence for automated predictive service related to crop protection decisions will enable minimum maintenance fully automated insect traps to collect pest related data and send it to the cloud via Mobile IoT, 3G or 4G networks. It can use AI to identify targeted pests from the pictures and machine learning based adaptable models to predict future development of pest population.	 tech incubator of		
Intelligent Agriculture: Integrated Crop Management & Weather Monitoring	With our weather stations, we are able to monitor different parameters (rain, wind, radiation, Temperature, Humidity...) which, together with other key solid parameters give us the information on what's the crop need (agriculture) . This is linked to our smart controllers which wireless activates/deactivates valves according to the field needs		 	
NB-IoT Smart Lock for Industrial	NB-IoT is the preferred connectivity for smart locks for its standardised network security, low power consumption with enhanced battery life of around 2.5 years on AA batteries, high coupling, low cost terminal, plug and play interface and high reliability.			



Mobile IoT for Industry Networking Reception



Amaia White presenting GSMA Mobile IoT initiatives



Ian Smith presenting IoT Security Guidelines & Assessment



IoT Slideshow

Telefonica
THE THINX | 5G Barcelona

MOBILE IoT WORKSHOP

Building LPWA e2e IoT Solutions

LTE-M NB-IoT

BARCELONA 15 October | 15:00 - 20:00



der brutkasten Österreichs Startup- und Innovationsplattform

NEWS FOKUS STARTUP KNOW-HOW EVENTS VIDEOS STARTUP JOBS BRUTCAST STARTUP-...

Event Kalender Events Dashboard

(c) ToolSense, Alexander Manafi (CEO, ToolSense), Eric Yu (Marketing Manager IoT, GSMA) und Stefan Öll (Senior Sales, ToolSense) am IOTSWC-Stand der GSMA

17.10.2018 von Martin Bacher

Wiener Startup ToolSense von der GSMA zum IoT Solutions World Congress 2018 eingeladen

Das Wiener IoT-Startup ToolSense wurde von der GSMA, der weltweiten Vereinigung der Mobilfunkanbieter, eingeladen am diesjährigen IoT Solutions World Congress in Barcelona seine Vernetzungstechnologie für Bau- und Reinigungsmaschinen zu präsentieren. Der dreitägige Kongress, der noch bis morgen Donnerstag in Barcelona stattfinden wird, ist ein international führender Branchenevent zum Thema Digitalisierung der Industrie.

54 Likes · 2 Comments

Roman Duzhyk · 1st
Driving IoT, startups & innovations | Program Manager @ hubraum

Great to meet our hubraum #NBloT & #LTEM Prototyping Solution Partners in GSMA booth at IoT Solutions World Congress!

Co-operation with ToolSense, Trapview by Efes, MEAZON and Efento is on the track and looking together for new opportunities: from prototyping to ready2market #MobileIoT solutions.

Alexander Manafi, Stefan Öll, Bostjan Bozic, Matej Stefancic, John Gionas, Piotr Szydłowski, Karol Zareba, Holly Westerman, Sam Brown

54 Likes · 2 Comments

Nicolas Damour · 1st
Director, Technology Partnership Development at Sierra Wireless

Very interesting workshop on #LTEM and #NBloT in Barcelona today, hosted by Francisco Ibáñez González of Telefónica, with the technical expertise of Javier García Puga and Francisco Javier Zorzano Mier. Also with the kind coorganization of Amaia White and the GSMA IoT team.

LTE-M	NB-IoT
VoLTE	No voice
Mobility	Low mobility
Throughput (< 1Mbps)	Throughput (< 250kbit/s)
Medium Latency	High Latency
Better coverage	Better coverage
	Simpler/cheaper devices

28 Likes · 6 Comments

IoT Solutions World Congress 7,620 followers

Just a few days ago the #IOTSWC18 came to an end... But we are still very happy to see the response to the biggest edition to date. Thank you to everyone that came and has been part of it. See you next year 29-31 October 2019 in Barcelona!

THANK YOU! | #IOTSWC18

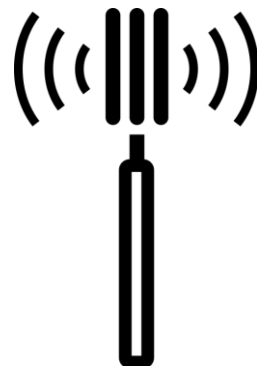
122 Likes · 9 Comments · 2,302 Views

Telefónica IoT @TelefonicaIoT Following

Yesterday our #IoT Workshop with the @GSMA took place at #TheThinX. It was a total success #IOTSWC18

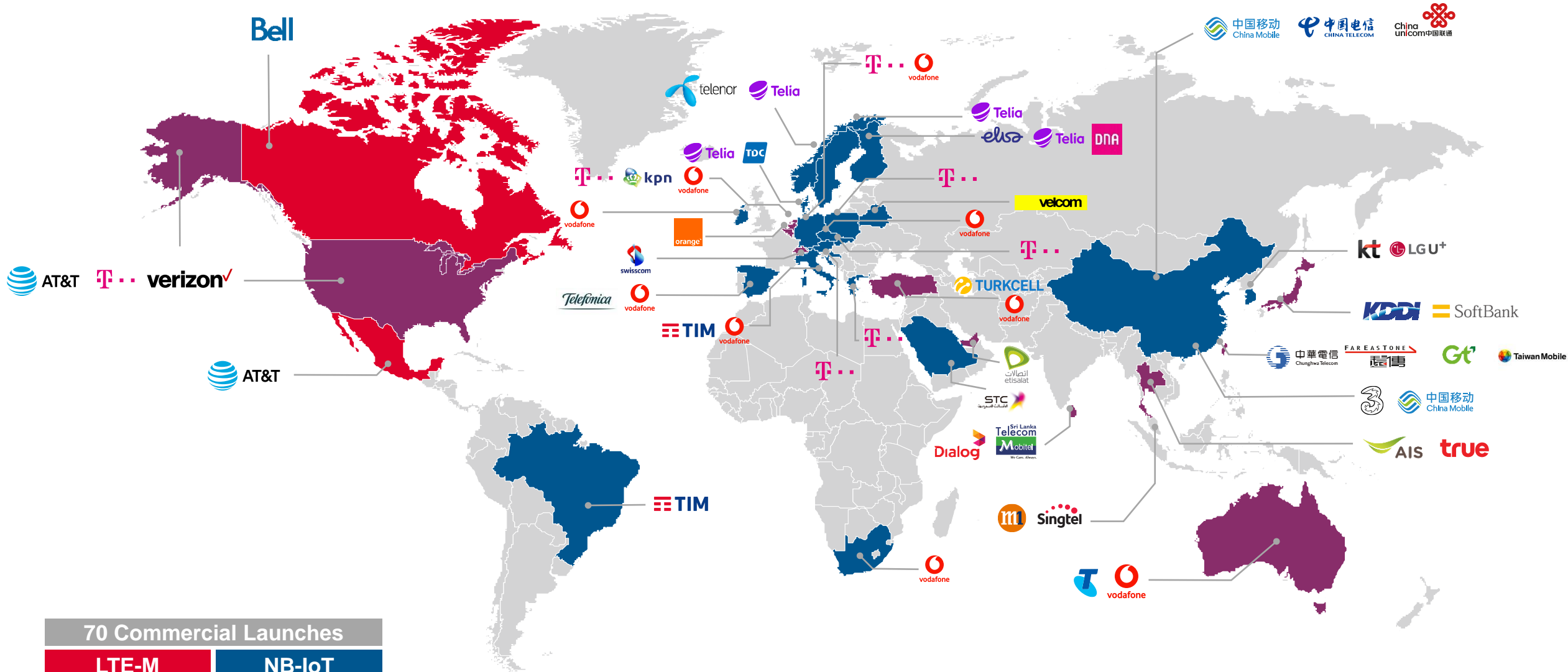
12:05 PM · 16 Oct 2018

IoT Solutions





MOBILE IoT GLOBAL COVERAGE



Online Map: <https://www.gsma.com/iot/deployment-map/>

- Full details: <https://www.gsma.com/iot/mobile-iot-commercial-launches/>

TOTAL	
Total KPI Markets Launched	32
Total Operators Launched	39
Total Markets Launched	35
Total Number of Launches	70

NB-IoT	
Total NB-IoT Launches	53
Total NB-IoT Markets	33
LTE-M	
Total LTE-M Launches	17
Total LTE-M Markets	14



INTELLIGENT CONNECTIVITY

The Fusion of 5G, AI and IoT

INTELLIGENTLY CONNECTING EVERYONE AND EVERYTHING TO A BETTER FUTURE

T O M O R R O W



5G ERA: INTEROPERABLE NETWORKS

5G / 4G / 3G / MOBILE IoT / WIFI / FIXED BROADBAND / SATELLITE



Flexible, reliable, high-speed, low latency, high capacity networks

ARTIFICIAL INTELLIGENCE

COMPUTER IQ: 10,000+



Smarter platforms for enhanced decision making & automation

INTERNET OF THINGS

25 BILLION CONNECTED DEVICES



Everything will be securely connected enabling rich new products & services

T O D A Y

4G / 3G / MOBILE IoT



HUMAN GENIUS IQ: 140+



9 BILLION CONNECTED DEVICES



- Newly launched Intelligent Connectivity website which illustrates in details the six key areas:
 - Entertainment Everywhere
 - Connected Transport
 - Enhanced Public Services
 - Industrial Productivity
 - Sustainability
 - Connectivity
- Intelligent Connectivity Infographic
- Intelligent Connectivity Video

A screenshot of the Intelligent Connectivity website homepage. The main header features a man looking at a smartphone with the text 'INTELLIGENT CONNECTIVITY THE FUSION OF 5G, AI AND IoT'. Below this is a navigation menu with links: Entertainment Everywhere, Connected Transport, Enhanced Public Services, Industrial Productivity, Sustainability, Connectivity, and Contact us. The main content area includes a video player for 'Intelligent Connectivity Video' and a report link for 'Intelligent Connectivity Report'. A central infographic titled 'INTELLIGENT CONNECTIVITY The Fusion of 5G, AI and IoT' shows a timeline from 'TODAY' to 'TOMORROW'. The infographic details three key areas: 5G ENHANCED NETWORKS (10x faster, 10x capacity), ARTIFICIAL INTELLIGENCE (10x faster, 10x capacity), and INTERNET OF THINGS (10x faster, 10x capacity). Below the infographic is a grid of six tiles representing the key areas: Entertainment Everywhere, Connected Transport, Enhanced Public Services, Industrial Productivity, Sustainability, and Connectivity. The footer contains the URL <https://www.gsma.com/IC/>.



INTELLIGENT CONNECTIVITY

HOW THE COMBINATION OF 5G, AI AND IOT IS SET TO CHANGE THE AMERICAS



- ‘Intelligent connectivity’ is to describe the powerful combination of flexible, high-speed 5G networks, the Internet of Things (IoT) and artificial intelligence (AI).
- Underpinned by ubiquitous, hyper connectivity, intelligent connectivity marks the beginning of a new era defined by highly contextualised and personalised experiences, delivered as and when you want them. It will have a significant and positive impact on individuals, industries, society and the economy, transforming how we live and work.



IoT Collaborative Project

Mobile IoT Asia Pacific Regional Report

Industry Insights Executive Interview for Intelligent Connectivity

Objectives

- Deliver Mobile IoT messages in Asia Pacific region for accelerating Mobile IoT network launches and solutions adoption
- Generate customer demands through storytelling and media engagement in strategic countries, i.e. the countries which have yet launched Mobile IoT networks, namely India, Indonesia, Malaysia, New Zealand and Philippines listed on the list of top 50 IoT markets

Deliverable

- Produce one document with new, rare and innovative Mobile IoT customer stories in Asia Pacific (South-East Asia) region
- Accelerate Mobile IoT networks launch in at least 3 of the 5 IoT markets
- Promote through GSMA press release, GSMA social channels and newsletters

Delivery Time: MWC19

Request: please let Eric know if you come across any good, rare and innovative Mobile IoT customer stories



Objectives

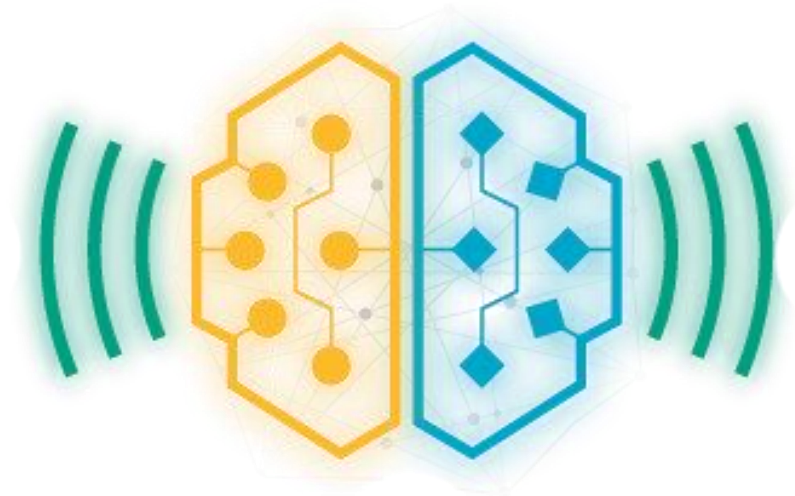
- Collect market intelligence by interviewing senior key stakeholders from operators and ecosystem players and sharing their views and insights on Intelligent Connectivity
- Create stronger awareness towards Intelligent Connectivity

Deliverable

- Executive Interviews and/or Video Interviews posted on Intelligent Connectivity website (<https://www.gsma.com/IC>) under the new session “Industry Insights”

Delivery Time: on-going

Request: please let Eric know if you are interested in this opportunity, i.e. nominate your senior key stakeholders for interviews and promote Intelligent Connectivity



New GSMA IoT Resources



IoT WEBINAR SERIES

DRONES

| IoT CAPABILITY

| MOBILE IoT

| IoT SECURITY



Topic	Date	Register / View On-Demand
How does Mobile IoT fit into 5G future?	Monday, 11 June 2018	Here
Industry 4.0 – Optimising Industrial IoT with Mobile IoT	Wednesday, 24 October 2018	Here
Cellular – The Missing Link for Drones ?	Wednesday, 7 November, 2018	Here
What Next For Mobile Operators in the IoT?	Wednesday, 12 December 2018	Here
SIMply Secure – Leveraging the SIM to Create a Trusted IoT	Wednesday, 23 January 2019	Here



Industrial IoT Feasibility Study

This study highlights the suitability of Mobile IoT technologies for use in the Industrial IoT space, including:

- case studies of how Mobile IoT technologies are being used by industry today
- highlighting the benefits of leveraging this versatile and low cost connectivity for industrial applications



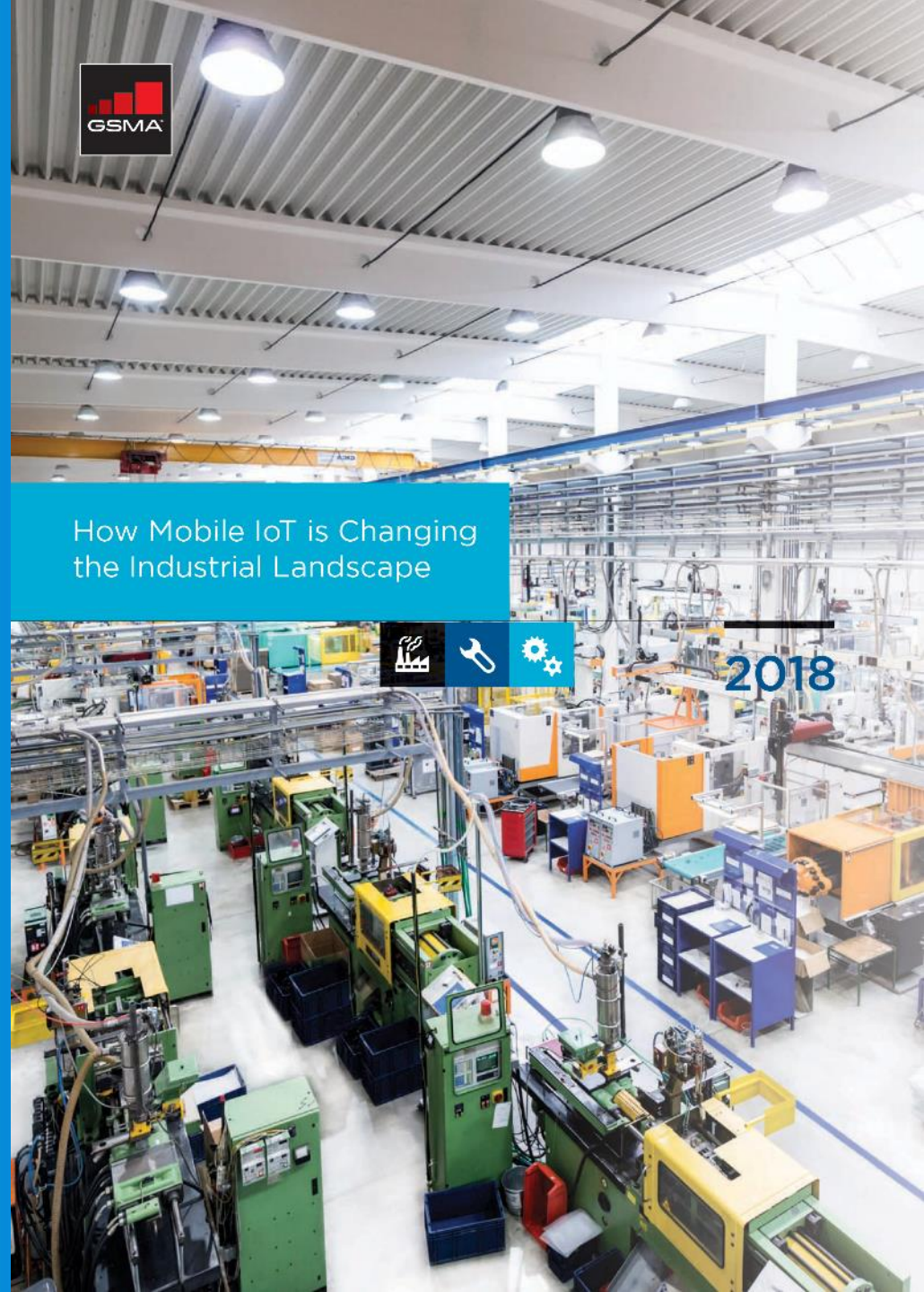
<https://www.gsma.com/iot/industrial-iot-feasibility-study-mobile-iot/>



How Mobile IoT is Changing
the Industrial Landscape



2018





INDUSTRIAL IOT CASE STUDY:
ERICSSON SMART FACTORY



2018

Industrial IoT Case Study

This case study illustrates how Ericsson is utilising Mobile IoT and other cellular networks to support a wide range of different manufacturing use cases, making it possible to optimise manufacturing processes via a single communication system.



<https://www.gsma.com/iot/ericsson-smart-industrial-factory/>



Agricultural IoT Case Study

This case study illustrates how Chunghwa Telecom and Nietzsche Enterprise (NHR) develops the Connected Greenhouse project with the use of NB-IoT in Taiwan.



<https://www.gsma.com/iot/chunghwa-nhr-agriculture-iot-case-study/>



THE FUTURE OF FARMING

How Mobile IoT technologies can help agriculture feed the world



2018



Title	Type	Link
Development Guide: NB-IoT for Agriculture (Oct 2018)	Technical Document	Here
Leveraging the SIM to Secure IoT Services (Oct 2018)	Case Study	Here
Mobile IoT Just Doubled in Range – Without the Need for Hardware Upgrades (Oct 2018)	Blog	Here
Collaboration and Innovation to pave the way for AI in the IoT: an Interview with Sierra Wireless (Oct 2018)	Blog	Here
Intelligent Connectivity Top of the Agenda in Bangkok as Asia Pacific Leads the Way in IoT (Oct 2018)	Blog	Here
NetraDyne Discuss their AI Platform, 5G and their vision of the IoT (Oct 2018)	Blog	Here
Intelligent Connectivity: How the Combination of 5G, AI and IoT is Set to Change the Americas (Sep 2018)	Report	Here
Opportunities in the IoT: Evolving Roles for Mobile Operators (Sep 2018)	Report	Here
Opportunities and Use Cases for Distributed Ledger Technologies in IoT (Sep 2018)	Report	Here
Industrial IoT Feasibility Study: How Mobile IoT is Changing the Industrial Landscape (Sep 2018)	Report	Here
The Future of Farming: How Mobile IoT technologies can help agriculture feed the world (Sep 2018)	Case Study	Here
Mobile IoT Case Study: Ericsson Smart Industrial Factory (Sep 2018)	Case Study	Here
Search and Rescue Supported by Drones on a Cellular Network (Sep 2018)	Case Study	Here
New Connectivity, New Control (Sep 2018)	Blog	Here
Operators Look Beyond Connectivity in the Age of IoT (Sep 2018)	Blog	Here
Intelligent Connectivity: the Fusion of 5G, AI and IoT (Sep 2018)	Blog	Here
Development Guide: LTE-M for Consumer Devices (Aug 2018)	Technical Document	Here
The GSMA IoT Infographic (Aug 2018)	Brochure	Here
LTE-M to Provide Vital Boost to Bee Populations in Agriculture (Aug 2018)	Blog	Here
Mobile IoT Connects China to the Future (Jul 2018)	Blog	Here
New Roles in the Market for Operators as They Look Beyond Traditional Revenue Streams (Jul 2018)	Blog	Here

- We welcome third-party LTE-M and NB-IoT resources to be hosted on Mobile IoT Resources Library for IoT developers and solutions as reference materials
- Filtered by *Both Technologies, LTE-M and NB-IoT*
- Please submit the following materials to Eric Yu (eyu@gsma.com) for considerations:
 - The document in PDF format, if applicable
 - The source URL of the resources
 - A short blurb of less than 100 words



Mobile IoT Resource Library

Mobile IoT technologies are quickly taking over the world. Commercial deployments are happening across the globe, the ecosystem is growing at an unprecedented pace, numerous companies are producing commercially available modules and development kits, and a great number of IoT Labs have opened all over the world.

To help nurture innovation and further accelerate the growth of the market, the GSMA Internet of Things programme is curating a list of insightful resources from across the industry. These resources are meant to create value for the wider ecosystem and provide insight into the technologies, use cases, market developments, and more.

All content is carefully reviewed by an editorial board. If you would like your content to be considered for publication, please email miotinnovators@gsma.com

Filter Mobile IoT Resources by Area of Interest:

All

Development Guide: NB-IoT for Agriculture
October 5, 2018
The GSMA Internet of Things programme is an initiative to help mobile operators add value and accelerate the delivery of new connected devices and services...

LPWA Expert Panel: Answering Your Questions on Designing Low Power IoT Applications
September 26, 2018
This on-demand webinar addresses questions around 5G and LPWA, low power modes of LTE-M and NB-IoT, LPWA Technology Features, and data management / s...

Internet of Things

- About
- Mobile IoT (LPWA)
- Mobile IoT Innovators
- Mobile IoT Modules
- Mobile IoT Development Kits
- Mobile IoT Resource Library
- Ask the Mobile IoT Experts
- Mobile IoT Innovators Directory
- Remote SIM Provisioning for M2M
- IoT Security
- IoT Big Data
- Operator IoT Capability
- IoT Knowledgebase for Policy & Regulation
- Smart Cities
- Connected Vehicles
- Drones
- Intelligent Connectivity
- Industry News
- Events
- Resource Library
- IoT Newsletter

LATEST RESOURCES

INDUSTRY NEWS

UPCOMING EVENTS

GSMA IoT at Europol-ENISA IoT Security Conference
October 24 2018
The 2nd Europol-ENISA IoT Security Conference focuses on the cybersecurity of the entire IoT ecosystem, enabling a broad discussion by bringing together experts from cybersecurity...

NEWSLETTER CONTACT US

Email Eric Your Feedback

Apart from the current activities, what else do you like GSMA to do next year and drive the IoT market further?

Next Meeting: **Thursday, 31 January 2019**

THANK YOU!

GSMA IoT

<https://www.gsma.com/iot/>

GSMA IoT in MWCA18

<https://www.gsma.com/iot/event/mobile-world-congress-americas-2018/>

GSMA IoT on LinkedIn

<http://gsma.at/iot>

GSMA Guide to IoT

<https://www.gsma.com/iot/the-gsma-guide-to-the-internet-of-things/>

GSMA IoT Newsletter

<https://www.gsma.com/iot/sign-up-for-newsletter/>