

Dear member,

Industrial companies have been gradually progressing on digital transformation over the last few years with innovation in cloud, digital twins, industrial metaverse, IoT and AI driving new opportunities for cost saving, safety management, sustainability, and productivity. Increasingly, industrial enterprises are considering mobile private networks for their supporting infrastructure, and the market has responded with an explosion of private network propositions available.

**Joint Community Forum:  
Advancing Manufacturing with Private  
Networks across APAC and Europe**  
by the GSMA APAC 5G Industry & IoT community and the GSMA Digital Industries community

 <b>Hakim Achouri</b> GSMA Digital Industries Co-chair at GSMA, Airbus	 <b>Mirela Juravle</b> APJ Business Development Lead, Industrial IoT, Robotics & Digital Twin, AWS	 <b>Jo Gilbert</b> Technical Director, GSMA	 <b>Chris Li</b> Product Director, GSMA Services
 <b>Terence Wong</b> Market Development Director, Head of APAC 5G Industry & IoT Community, APAC, GSMA	 <b>Ender Jiangshutao</b> Founder, Hiverlab	 <b>David Smith</b> Head of Ecosystems, Huawei SPO Lab	 <b>Malini Ramalingam</b> Head of Digital Demand, MCMC
 <b>Alfredo Serret De Ena</b> Global Lead for Internet of Things, Telefonica Tech	 <b>Robert Franks</b> Managing Director, WM5G		

**Date:** 22 November 2023  
**Time:** 16:00 - 17:30 GMT+8  
**Registration:**  
<https://bit.ly/mftg-private-ntwk>

In this joint forum virtual workshop, we will bring together expert views from the manufacturer, operator, network vendors, technology providers, and government bodies including **Airbus, AWS, Hiverlab, Huawei, Malaysian Communications and Multimedia Commission (MCMC), Telefónica, WM5G**. We will discuss:

- What the manufacturer needs from network infrastructure to achieve their ambitions
- How 5G can support technologies like computer vision and enable a future Industrial Metaverse
- Deployment experiences, benefits and challenges
- Key considerations when looking to deploy a Private Network

**[Register](#)**



TO REGISTER



# HOLOMEDICINE AND 5G HEALTHCARE SUMMIT

## INTRODUCTION

The Holomedicine® Association (HMA) and the Infocomm Media Development Authority (IMDA), as well as the National University Health System (NUHS) and the Global System for Mobile Communication Association (GSMA) is planning an event to showcase the latest developments, innovations and considerations in the field of extended reality technologies and 5G in healthcare.

This event will aim to attract global tech innovators, experts and administrators in healthcare, and policymakers interested in integrating advanced technologies and new innovations in their healthcare systems.

Time	Day 1   Topic	Day 2   Topic
09:00AM	Arrival of Guests & Registration	Arrival of Guests & Registration
10:00AM	Welcome Remarks	Welcome Remarks
10:05AM	Opening Plenary	Opening Plenary
10:20AM	Session 1: Road to 5G	Session 1: Holomedicine Applications
11:40AM	Session 2: 5G Industries	Session 2: Mixed Reality as a Platform
01:00PM	Break for Lunch	Break for Lunch
02:00PM	Keynote Speaker	Keynote Speaker
02:20PM	Session 3: 5G and the Metaverse	Session 3: Applications of 5G in Healthcare
03:35PM	Break for Tea Symposium	Break for Tea Symposium
04:00PM	Session 4: What's next for 5G?	Session 4: Is 5G the way to go for Healthcare?
05:15PM	Closing Remarks	Closing Remarks

Join us in this first mobile and healthcare industry joint event about Holomedicine and 5G Healthcare event in Singapore. This is a hybrid conference for both physical and online attendance. APAC 5G Industry Community members can register with 'Holomed5G100' for complimentary pass.

[Register](#)

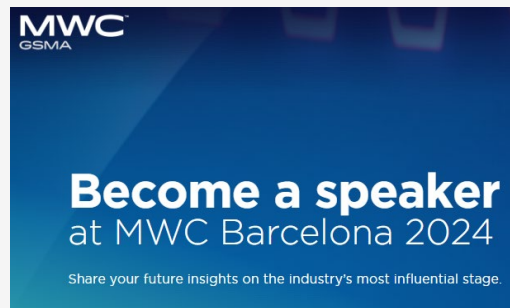
# APAC 5G Industry Community spotlight



## Digital Nations Summit in Jakarta on 6 Dec

Working Together Towards a Resilient Digital Nation. Join us to learn and networking with our Indonesia digital leaders.

[Register](#)



## MWC Barcelona - Smart Mobility and Manufacturing Summit call for speaker

Welcome to propose speakers who are interested to join us on stage at MWC.

[Submit proposal](#)



## CTM wins first prize at Special International Invitational of National "Blooming Cup" 5G Application Competition

"5G Smart Campus" project introduced the innovative smart 5G private network solution.

[Read More](#)

## Global MBB Forum 2023

The 14th Global Mobile Broadband Forum, hosted by Huawei in cooperation with GSMA, GTI, and the SAMENA Telecommunications Council, will be taking place on October 10 and 11, 2023, in Dubai, UAE. Mobile World Live will be covering all the news from the event and streaming the keynotes.

## MBBF23 Event Highlights

Global Mobile Broadband Forum in Dubai launched 5.5G Networks Pioneers initiative and the industry's first full-scenario, full-series 5.5G solutions.

[Learn More](#)

# Industry Interest group resources

## Manufacturing

- [Private 5G to Drive the Evolution of Smart Manufacturing](#)
- [Augmented Reality Adoption in Manufacturing is Transforming Processes](#)

## Logistics, Port and Transportation

- [Introduction to Computer Vision in Logistics- DHL - Global](#)
- [Aviation Report: Top 10 Asia Pacific Airports - 1H2023 insights and regional recovery prospects | CAPA](#)
- [Simulated digital twin airports chart course for stress-free air travel](#)
- [New White Paper on Data Management for Connected Vehicles \(aecc.org\)](#)
- [Telematics gateways: Driving the future and evolution of mobility](#)
- [Shaping the Future of Smart Mobility with V2X \(keysight.com\)](#)

## Healthcare

- [The 10 Biggest Trends Revolutionizing Healthcare In 2024](#)
- [Cross-border health data flows global report Roche HIMSS](#)
- [Powering the Future of Medical Imaging: Electronic Interconnect](#)

## Mining, Energy & Utility

- [Why meters matter – why smart meters are the best of IoT](#)
- [Private networks use cases: Oil and gas](#)

## Smart City & Public Sector

- [5G Network Technology for Sustainable and Efficient Cities](#)
- [How Smart Offices Utilize IoT for Optimization](#)

## Others

- [5G Advanced Deep Dive Editorial Report](#)
- [5G RedCap Performance for Mid-Tier IoT](#)
- [3GPP publishes 5G Broadcast specs](#)
- [3GPP 5G NTN Standards Set To Dramatically Boost Mobile Satellite Addressable Market](#)
- [What goes where – deconstructing critical 5G edge/cloud workloads](#)
- [Critical Edge IoT Editorial Report](#)
- [IoT Sensors: Millimeter Wave Radar Vs. Competing Technologies](#)
- [2023 State of IoT Adoption Report](#)
- [2023 Mid-Market Technology Trends Report](#)
- [Quectel IoT Device White Paper](#)
- [How to combat food insecurity with flexible deployment of 5G, AI and edge solutions in agriculture](#)



# 5G & IoT Market News

## Asia Pacific

- [Telstra buys cloud services company Versent for \\$267.5m](#)
- [Optus Connected Car](#)
- [Spark moves to control IoT company Adroit](#)
- [AIS and STC Kuwait establish 5G SA roaming via BICS hub](#)
- [T-Mobile US completes world's first 5G standalone roaming tests with AIS and Sunrise](#)
- [AIS, ZTE and MediaTek test RedCap at 2.6GHz in Bangkok](#)
- [Malaysia aims to cover 50% of rural areas with 5G by mid-2024](#)
- [TM, DNB claim SA 5G core first in Malaysia](#)
- [Petronas deploys first 5G private network in Malaysia](#)
- [CelcomDigi and DHL launch Malaysia's first 5G-powered autonomous warehouse](#)
- [Yinson's ChargEV, RydeEV, and DrivEV to utilise CelcomDigi 4G and 5G](#)
- [AWS selected by Telkomsel to accelerate digital transformation strategy and upskill workforce](#)
- [Singapore nearly doubles size of digital economy in five years](#)
- [Singtel launches new suite of network solutions for enterprises](#)
- [Globe deploys 356 new 5G base stations in the Philippines](#)
- [Nokia opens India 6G lab](#)
- [Docomo picks Nvidia for 5G and AI, but its plan is a head scratcher](#)
- [NTT and Qualcomm use 5G to bring AI to edge](#)
- [SoftBank Corp to Expand its Global IoT Business in Asia-Pacific Region](#)
- [SoftBank to sell 1NCE flat rate across Apac](#)
- [SoftBank finds 5G HAPS success in Rwanda](#)
- [SK Telecom, Mars Auto to develop autonomous truck technology](#)
- [SK Telecom and Deutsche Telekom collaborate over telco-specific AI](#)
- [Can SKT, SoftBank retain early AI lead?](#)
- [LG Uplus targets light 5G data users with varied plans](#)
- [India growth stands out in slowing APAC market](#)
- [Indian telcos need 2 GHz of spectrum for better 5G coverage: COAI](#)
- [Airtel latest to trial RedCap, with focus on IoT](#)
- [Airtel continues its 5G growth streak](#)
- [Chinese operators record profit, 5G gains](#)
- [China's VR Shipments Declined 56% YoY in H1 2023](#)
- [Shanghai leads China in 5G site density](#)
- [Smart technologies at Hangzhou Asian Games](#)
- [Self-Driving Smart Expressway Opens in China](#)
- [Huawei and Industry Partners Set Sail for Global RedCap Commercial](#)
- [Telco's 5G investments to be 'protected' in the 5G-A era: Huawei](#)
- [Transforming Connectivity with 5G in The Greater Bay Area | Ookla®](#)
- [Chunghwa Telecom, Ericsson use 5G network slicing for healthcare sector](#)

## Global

- [5G set to surpass 4G LTE by over 2 billion connections in the first decade](#)
- [Huawei, GSMA pin 5G hopes on open APIs, pricing](#)
- [GSMA Foundry 5G New Calling whitepaper 2023 - Future Networks](#)
- [AT&T puts 5G XR into a football helmet](#)
- [AT&T moves forward with open network APIs as industry standards](#)
- [Verizon mmWave network is now in every NFL stadium](#)
- [Drones a Key Part of New York City's Smart City Test Program](#)
- [How a 5G Network Makes Georgia's Leading Smart City Possible](#)
- [Private LTE specialist Ubiik signs with Canadian utilities group](#)
- [Gogo announces AirSprint as first Canadian 5G fleet customer](#)
- [BT launches testbed for XR development](#)
- [BT connects the skies with UK's first Drone SIM](#)
- [BT brings in Nokia and MediaTek for 5G RedCap trial](#)
- [Vodafone Introduces Drone-in-a-Box Solution Powered by FlytBase](#)
- [Vodafone supplies hybrid 5G private network to Italian energy company](#)
- [Vodafone lobbies for upper 6 GHz band to be reserved for mobile](#)
- [Orange's 5G SA rollout in Europe to support its private network push](#)
- [Deutsche Telekom offers a commercial 5G network slicing service](#)
- [Telefónica Germany joins the niche 5G SA club](#)
- [How 5G is making Spanish ports smarter](#)
- [Telia Norway prepares airport 5G use cases for take-off](#)
- [Telia to test-drive autonomous vehicles with 5G corridors](#)
- [IoT Case: Optimizing EV Charging with IoT | Telenor IoT](#)
- [FloLIVE and Kigen claim solution for permanent IoT roaming in Turkey](#)
- [Huawei and du claim world's first 5.5G villa in Dubai](#)
- [e& launches mmWave pilot to deploy 5G private networks in UAE](#)
- [John Deere to harvest private 5G network in Brazil](#)
- [Nokia gets private LTE/5G gig at Kingston Freeport Terminal, Jamaica](#)
- [Nokia goes after industrial SMEs with compact private 5G product](#)
- [Sateliot and Transatel deliver global connectivity](#)
- [Starlink plans satellite cellular voice, data and IoT services, starting in 2025](#)
- [OMRON bundles managed private 5G from Edzcom into AMR solution](#)
- [Siemens Offers Complete Industrial 5G Solutions](#)
- [Honeywell reorganises around "megatrends", puts bigger focus automation](#)
- [Amazon Expanding Drone Deliveries to Italy, the UK](#)
- [Honda Autonomous Work Vehicle Being Airport Tested](#)
- [AR player prepares slimmed-down glasses for US, Europe](#)

Best regards,

Terence Wong | Head of APAC 5G Industry & IoT, GSMA

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