

GSMA

MWC Barcelona 2025

GSMA Technology Event Guide



What's Happening at MWC25 Barcelona?



MWC25 Barcelona has a compelling agenda, from summits and exclusive roundtables to demo showcases and networking opportunities. The event brings together industry leaders to drive forward-thinking strategies.

Discover the latest innovations driven by the GSMA Foundry, Connected Industries, and cutting-edge technology solutions at MWC Barcelona.

This guide is your roadmap to the event, featuring key highlights, demonstrations, and resources. This includes:

Technologies

5G



IoT



SECURITY



POST-QUANTUM



Verticals

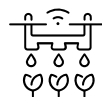
MANUFACTURING



FINTECH



SMART MOBILITY



SPORTS & ENTERTAINMENT



Technology Summits

Monday 3 March

Please note that all timings mentioned below are in Central European Time (CET)

EVENT	TIME	LOCATION	LEARN MORE AND REGISTER
Gen AI Summit	10:30 – 13:00	GSMA Summits Stage, Hall 6	
	The 2025 Gen AI Summit will explore the journey from testing to full-scale deployment of Generative AI in enterprise. While 2024 saw widespread adoption—81% of telecom companies tested Gen AI—scaling remains a challenge. This summit brings together CEOs, CTOs, and AI leaders to discuss practical applications, key implementation foundations, and strategies for moving beyond pilots. Join us to uncover how enterprises can harness the full potential of scaled Gen AI solutions.		
AI Networking Lunch	13:00-14:30	MWC Networking Hub, Hall 6	
	Join senior leaders at the AI Leaders Networking Lunch. This exclusive gathering offers a platform to exchange insights, discuss the transformative impact of AI on enterprises, and build strategic connections that drive innovation and business growth.		
Connect 5G Summit: Monetising 5G Networks and 5G-Advanced Technologies	15:00 – 18:00	GSMA Summits Stage, Hall 6	
	This summit explores the future of networks and devices, focusing on the critical advancements needed to drive cloud and AI transformation over the next decade. A key focus will be Open Gateway, which is unlocking 5G Standalone and 5G-Advanced by standardising APIs, enabling new revenue streams, and accelerating innovation. Industry leaders will share insights on why MNOs must embrace Open Gateway to stay competitive and how networks and devices must evolve together to power the next generation of seamless, high-performance mobile connectivity.		

Monday 3 March

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EVENT	TIME	LOCATION	LEARN MORE AND REGISTER
Manufacturing and Production Summit	10:50 – 17:30	Connected Industries Stage, Hall 4	
	Join us for a full day of manufacturing and production summit sessions, featuring keynotes, panels, and fireside chats with thought leaders from the fintech industry. Discussions will cover transforming ports and mines with advanced network technologies, unlocking the full potential of smart manufacturing beyond connectivity, and the catalysts of change for connecting the industrial ecosystem. The day will conclude with a networking drinks reception, offering a valuable opportunity to connect with industry experts and peers.		
4YFN25 Fintech Summit	11:00 – 17:30	Hall 8.1, Beta Lab Stage	
	Join us for a full day conference at 4YFN at MWC, where we'll explore the growing demand for seamless, user-centric digital experiences in banking and finance. As Gen Z consumers and digital natives drive the shift, the fusion of artificial intelligence and innovative design is revolutionising the fintech landscape. Discover how AI-enabled super apps, mobile financial services, robust fraud detection, and other solutions are shaping the future of fintech with outstanding user experience at their core.		



Tuesday 4 March

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EVENT	TIME	LOCATION	LEARN MORE AND REGISTER
Security Summit	09:00 – 17:30	GSMA Summits Stage, Hall 6	
	The 2025 edition of the Security Summit will highlight cybersecurity’s critical role in mobile networks, addressing current and future threats and showcasing the industry’s latest security advancements. We will explore both emerging and established security challenges, with audiences gaining insights into the mobile industry’s latest advances in security for the ecosystem. Sessions: • Digital transformation and the security imperative • Uniting against ecosystem threats • Secure emerging technologies • 6th Post-Quantum Network Summit • Mobile device security		
Fintech and Mobile Commerce Summit	10:00 – 17:30	Connected Industries Stage, Hall 4	
	This summit will explore key opportunities and challenges shaping the future of mobile and enterprise innovation. Sessions will cover capturing the opportunity in enterprise, collaborating to fight back against the global scam threat, and powering mobile-first commerce. Industry leaders will share insights on how businesses can leverage cutting-edge technology to drive growth, enhance security, and meet evolving consumer demands.		
AI Leaders Roundtable	12:00-14:00	Roundtable Room 2, North Protocol Rooms	
	The AI Leaders series routable, brings together 15 AI experts in a relaxed session to discuss “ Inference Across the network opportunities for growth’. A mixture of MNOs, Enterprise, Telecoms Vendors, and Start-ups, explore the opportunities and challenges arising as AI workloads move out of the datacentre and towards the end-users. The session will explore the key factors benefiting from distributed compute and deep dive into use-cases and implications for the industry.		

Wednesday 5 March

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EVENT	TIME	LOCATION	LEARN MORE AND REGISTER
5G IoT Summit: Expanding IoT Coverage Connectivity for Industries	09:00 – 11:30	Partner Theatre 4, Hall 8.0	
	As 5G Massive IoT adoption grows, the demand for seamless multi-bearer coverage—spanning public, private, passive, and satellite networks—is rising. Ensuring service availability, identity, security, and device management is critical to meeting customer needs. RedCap for IoT is emerging in some markets, while the new GSMA IoT SIM specification is set to enhance customer applications. Additionally, the need for automated operations and data management is increasing, creating opportunities for AI-driven efficiencies that save time and reduce costs.		
eSIM Summit: eSIM the Connection of the Future	12:30 – 14:30	Partner Theatre 4, Hall 8.0	
	As the mobile ecosystem evolves, GSMA eSIM ensures secure, interoperable, and high-quality connections across networks and devices. This summit brings together industry experts to explore eSIM’s impact on connected industries, its evolution in consumer and IoT markets, and the challenges ahead. Discussions will also address whether eSIM is ready to scale with emerging technologies like AI and quantum computing, meeting the diverse demands of connected devices.		
Gen AI Red Team: The Telco Prompt Engineering Challenge	12:30 – 14:30	MWC Networking Hub, Hall 6	
	The Gen AI Red Team: The Telco Prompt Engineering Challenge is a first-of-its-kind interactive competition at MWC Barcelona 2025, where participants will put a range of cutting-edge Large Language Models (LLMs) to the test. Challengers will attempt to uncover biases, hallucinations, and vulnerabilities in AI models through carefully crafted prompts. By engaging in adversarial testing, they will expose weak points in AI systems, helping the telecom industry build more robust and responsible AI solutions. A panel of expert judges will evaluate the submissions based on predefined criteria, and the best-performing participants will win prizes.		

Wednesday 5 March

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EVENT	TIME	LOCATION	LEARN MORE AND REGISTER
MVNO Summit: Unlocking the Potential of Mobile Virtual Networks	16:00 – 18:30	Partner Theatre 4, Hall 8.0	
	The MVNO Summit at MWC Barcelona 2025 will gather leading Mobile Virtual Network Operators (MVNOs), industry disruptors, and telecom innovators from around the world to explore the evolving landscape of mobile services and vertical applications. This summit will highlight the critical role of MVNOs in driving innovation, competition, and customer-centric services in the telecom space.		
Quantum Technologies Summit: Strategies for Telco Operators	15:00 – 18:00	Partner Theatre 5, Hall 8.0	
	With 2025 designated as the International Year of Quantum Science and Technology, this summit at MWC Barcelona 2025 will explore the strategic role of quantum computing, communication, and sensing in the telecom industry. Industry leaders will discuss key use cases, investment priorities, and the potential of quantum sensors for extended communication ranges, quantum computing for enhanced network performance, and quantum encryption for secure communications. Through keynotes and panels, attendees will gain insights into the latest advancements and connect with experts shaping the future of quantum in telecoms.		
GSMA SEC CON: Confronting Fraud – Securing a Safer Future	10:00 – 12:45	Lamarr Stage, Hall 6	
	This year we are set to delve into the world of fraud, exploring the universal challenge of scam messages and what impact this is having on the industry in trying to protect their customers. This upcoming event will host leading security and fraud experts who are on the front line, making decisions to defend and protect customers against fraud, they will be offering their invaluable insights on the threat and risk level posed to the industry and beyond.		

Wednesday 5 March

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EVENT	TIME	LOCATION	LEARN MORE AND REGISTER
Satellite and NTN Summit	10:00 – 13:00	GSMA Summits Stage, Hall 6	
	This summit will explore the strategic priorities and emerging opportunities of satellite networks in revolutionizing global connectivity through 4G and 5G integration. Industry leaders will discuss the addressable revenue across consumer, B2B, and IoT segments, the growing role of satellites in disaster response and emergency communications, and the evolving competitive landscape in direct-to-cell services. Key sessions will also cover technological advancements in satellites, chipsets, and devices, along with the regulatory considerations needed to scale satellite-enabled mobile connectivity.		
Mobile Identity Summit: Elevating Digital Trust through Mobile Identity	15:00 – 19:00	GSMA Summits Stage, Hall 6	
	As mobile connectivity expands, so do online threats, with identity fraud, misinformation, and impersonation posing growing risks to users and businesses. Digital identity plays a crucial role in establishing trust, balancing security with seamless user experiences. This inaugural summit will explore mobile solutions for digital trust, enterprise security, and identity innovation, highlighting how strategic partnerships and advanced technologies enhance user verification. Join industry leaders to uncover the future of mobile identity and trusted digital communications in 2025 and beyond.		
Smart Mobility Summit	10:00 – 17:00	Connected Industries Stage, Hall 4	
	This summit will explore how Intelligent Enterprise Networks, Private Networks, Non-Terrestrial Networks, IoT, and Edge Computing are shaping the future of mobility. Experts will discuss network requirements, real-time data processing, and security, providing insights into how 5G-ready networks drive innovation, efficiency, and safety across transportation and logistics.		
Sports and Entertainment Summit: Presentation and Drinks Reception	17:00 – 18:00	Connected Industries Stage, Hall 4	
	The summit kicks off with a networking event on Wednesday, a relaxed setting to connect with industry leaders, innovators, and peers. The event will feature an inspiring presentation by MatSing, providing invaluable insights to set the stage for the discussions ahead.		

Thursday 6 March

Please note that all timings mentioned below are in Central European Time (CET)

EVENT	TIME	LOCATION	LEARN MORE AND REGISTER
Sports and Entertainment Summit	10:00 – 14:00	Connected Industries Stage, Hall 4	
	Join industry leaders—including tower companies, MNOs, fibre providers, and investors—for insights into the evolution of tower and fibre infrastructure. This exclusive session will explore emerging network trends, strategic shifts, and business opportunities, while addressing key challenges shaping the industry’s future. Don’t miss expert perspectives on innovation, growth, and efficiency in this rapidly evolving space.		
Tower and Fibre Summit: the Evolution of Tower and Fibre Infrastructure	10:00 – 12:00	GSMA Summits Stage, Hall 6	
	This summit will explore how Intelligent Enterprise Networks, Private Networks, Non-Terrestrial Networks, IoT, and Edge Computing are shaping the future of mobility. Experts will discuss network requirements, real-time data processing, and security, providing insights into how 5G-ready networks drive innovation, efficiency, and safety across transportation and logistics.		



GSMA Pavilion Partner Technology Demos



Explore featured demos at MWC25 showcasing the latest advancements in connectivity, emerging technologies, and industrial innovation.

➔ Connected Industries demos

Innovations shaping the future of industry from smart manufacturing, fintech fraud solutions, smart mobility and aviation. Participating brands include Airbus, Atlas Copco, KPN, Nokia, KDDI, Yamaha, and the GSMA.

➔ Non-terrestrial networks (NTN) demos

Featuring European Space Agency (ESA), Sateliot and Skylo, who are highlighting the future of satellite and terrestrial network integration of satellite and terrestrial network integration.

➔ Emerging technologies demos

Cutting-edge advancements in cybersecurity, quantum encryption, healthcare, and AI-driven language development. Exhibitors include Quantum Dice, Veon, and Omniscope.

[Learn more](#)





AIRBUS

Atlas Copco

Airbus and Atlas Copco: 5G Smart Tools Revolutionise Manufacturing

» REAL-TIME DATA FOR SMARTER MANUFACTURING

Airbus and Atlas Copco are leading the way in transforming manufacturing processes through 5G-enabled smart tools. These tools provide real-time data at the push of a button, enhancing machine connectivity and allowing for instant validation from anywhere.

With 5G integration, remote monitoring is made seamless, improving efficiency, precision, and decision-making in the manufacturing process. Join us to see how Airbus and Atlas Copco are revolutionising the assembly line through the power of 5G. Experience smart tools and robotics that enhance manufacturing efficiency and safety through 5G connectivity. Interact with advanced tools and witness the future of smart manufacturing.



KPN Campus: Private 5G Digital Factory

» EXPERIENCE THE FUTURE OF SMART MANUFACTURING

Discover KPN's 5G Wireless Factory, where connected modular environments powered by 5G-enabled smart tools are transforming the production landscape. Visitors can experience hands-on interaction with AR devices like HoloLens 2 and helmets, while the centralized edge computing infrastructure enhances control over machine logic. Intelligent cameras further ensure operator safety by detecting proper equipment usage. This is the future of manufacturing—innovative, connected, and powered by 5G.

NOKIA

Nokia: Immersive Remote Inspections with RXRM

» REVOLUTIONISING HAZARDOUS SITE INSPECTIONS WITH 5G

Nokia's RXRM software, combined with 5G 360 cameras, enables immersive remote inspections of hazardous environments like mines, ports, and nuclear plants. A mobile robot equipped with the 360 camera provides real-time interaction, displayed on a large touchscreen or head mounted display. With ultra-low latency, RXRM offers an engaging, hands-on experience where users control the 360° view, ensuring safety while inspecting critical infrastructure from afar.

GSMA Fintech and Commerce:



GSMA Fintech and Commerce Community: Utilising Mobile Network Insights to Fight Fraud

Explore Scam Signal, a successful fraud prevention API solution developed in collaboration with UK operators, UK Finance, and GSMA. With support from partners like JT Global, we'll showcase this initiative with our interactive SCAM MAN game - our Pac-Man-inspired experience designed to engage and educate visitors about digital fraud. Discover how the GSMA Fintech Community and the wider ecosystem are working together to combat scams and protect consumers.



KDDI

YAMAHA

KDDI and Yamaha: The Smart Boating Revolution

» SIREN CONSOLE FOR THE CONNECTED BOAT

KDDI and Yamaha have designed the next level of smart boating with the Siren Console. This intuitive system includes a large touchscreen display for the Connected Boat app and a dedicated Telemetry Control Unit (TCU) for optimal monitoring and security. Coupled with a powerful 450hp outboard motor, the Siren Console offers both functionality and style, elevating the connected boating experience to new heights.



GSMA Forum Zone: Participate in 16 exclusive roundtables designed to foster meaningful discussions on topics like smart mobility, fintech, and manufacturing strategies. Full details can be found at [**MWC25 Roundtables**](#).

Please note some of these roundtables will be by invitation only.

Non-Terrestrial Networks (NTN)



European Space Agency (ESA): 5G/6G NTN & D2D: The Future of Global Connectivity

Explore the future of connectivity with 5G Non-Terrestrial Networks (NTN) and Device-to-Device (D2D) communication, revolutionising global connections. The European Space Agency (ESA) leads innovations that integrate terrestrial and non-terrestrial systems, shaping a new era of seamless, reliable communication.



Sateliot: 5G NTN Connectivity in Action

» REAL-WORLD DATA FLOW DEMONSTRATION: TN TO NTN TRANSITION

Get an exclusive look at Sateliot's live demonstration of seamless data flow between Terrestrial Networks (TN) and Non-Terrestrial Networks (NTN). Experience how IoT devices, livestock, and vehicles can switch effortlessly between networks, ensuring continuous coverage. Whether it's telecommunication towers, cows in the field, or ships at sea, Sateliot showcases how the hybrid TN-NTN solution guarantees always-on connectivity for mobile operators and users alike.



Skylo: Never Lose Coverage

» SATELLITE SMS & SOS POWERED BY SKYLO RELIABLE MESSAGING EVEN IN REMOTE AREAS

In areas with no cellular coverage, Skylo's satellite-powered messaging solution offers a lifeline with satellite-based SMS and SOS messaging. Witness a live demo using a Google Pixel 9 as it sends and receives messages via satellite, ensuring communication even in the most remote locations. This groundbreaking technology ensures reliable, emergency communication, no matter where you are.



Quantum Dice: Quantum Entropy-as-a-Service for Networks

» QUANTUM SAFE SECURITY WITH REAL-TIME THREAT DETECTION

Engage in live hacking attempts with Quantum Entropy-as-a-Service (QEaaS), powered by a self-certifying Quantum Random Number Generator (QRNG). Watch in real time as the system reacts to security threats and self-certifies its encryption keys. Discover how quantum encryption ensures unbreakable security through Quantum-Safe Distributed Quantum Key Distribution (DQKD), safeguarding connections and securing critical data across devices.

VEON

VEON: Bridging AI's Linguistic Gap & The Making of a Kazakh Language LLM

» QAZCODE: THE FUTURE OF LANGUAGE TECHNOLOGY

VEON presents QazCode, an immersive demo showcasing the development of Kazakhstan's Kazakh language model. Explore the country's rich culture through videos, key milestones, and collaborative efforts with organizations like the GSMA Foundry and the Barcelona Supercomputing Center. A simulated AI-powered classroom, integrated with Beeline's MyBeeline app, demonstrates the power of AI in education, tailored for the Kazakh language and culture.



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**BARÇA
INNOVATION HUB**

FC BARCELONA AND OMNISCOPE

Barça Innovation Hub and Omniscope are pioneering immune profiling and AI-driven strategies to enhance athlete health, performance, and recovery. By establishing each player's unique immune baseline during periods of optimal health, they can detect subtle shifts that signal risk of inflammation, illness, or injury. This proactive approach integrates blood-based biomarkers, wearables, and multiomic datasets, enabling early intervention, personalised rehabilitation, and data-informed return-to-play timelines.

Open Gateway Activities

GSMA Open Gateway Zone, Hall 4

Experience how GSMA Open Gateway and GSMA Fusion are transforming connectivity through immersive demos and real-world innovations. Connect with industry leaders, discover new opportunities, and be part of the next wave of global collaboration.



Join us at the Open Gateway Zone in Hall 4, GSMA Pavilion throughout MWC to explore the future of connectivity firsthand.

Open Gateway Events

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EVENT	TIME	LOCATION	LEARN MORE AND REGISTER
Open Gateway Hackathon (Hosted in Talent Arena)	Monday 3 March – Tuesday 4 March	Fira Montjuic	
	Talent Arena is proud to host the next edition of the Open Gateway Hackathon, a unique event where digital innovators and tech enthusiasts come together to create groundbreaking projects using telecom operator data. The hackathon challenges participants to design creative solutions that leverage a range of powerful data, made available through Nokia's Network as Code platform.		
China Unicom Open Gateway Innovation Challenge Awards	Monday 3 March	Gran Fira	
	GSMA and China Unicom are collaboratively organising the Open Gateway Global Use Case Innovation Challenge to align network capabilities with market demands. Eight semi-finalist teams will showcase their projects at China Unicom's booth (Hall 1, Stand 1A60). The award ceremony will recognise the top three winners with first, second, and third prizes.		

Open Gateway Events

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EVENT	TIME	LOCATION	LEARN MORE AND REGISTER
Open Gateway DevCon (Hosted in Talent Arena)	Tuesday 4 March 15.00 – 19.00	Fira Montjuic	
	The GSMA Open Gateway DevCon 2025 is a developer event for anyone involved in the creation, development, implementation or deployment of network API based services. The DevCon is primarily aimed at supporting the global developer community by sharing best practices, showcasing use cases and live services, as well as showing how easy it is to build new network API based services and how to monetize them.		



Featured Award Ceremonies

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EVENT	DATE	LOCATION	LEARN MORE AND REGISTER
GSMA Foundry Excellence Awards Ceremony	Tuesday 4 March, 16:30-18:30	Fira Gran Via, Networking Hub, Hall 6	
	Join us as we unveil the five award-winning 2024 Foundry Projects, celebrating innovation and collaboration. Meet the visionaries behind groundbreaking achievements, connect with industry leaders, and gain insights into the future of mobile technology. Don't miss this exclusive evening of networking, recognition, and inspiration.		
4YFN Awards Ceremony sponsored by GSMA Foundry	Wednesday 5 March, 17:00-18:15	Fira Gran Via, Banco Sabadell stage, Hall 8	
	The 4YFN Awards at MWC Barcelona celebrate the world's top digital startups, offering global visibility and industry recognition. In partnership with 4YFN, GSMA Foundry supports startups with resources, mentorship, and funding opportunities, including a 20,000 cash prize for the most groundbreaking startup. Join us for a fireside chat with Alex Sinclair, GSMA CTO, and Marta P Estarellas, CEO of Qilimanjaro and 2024 4YFN Awards winner, as they discuss innovation and startup success.		
GLOMO Awards 2025: Celebrating 30 Years of Mobile Excellence	Wednesday 5 March, 17:00 – 18:00	Fira Gran Via, Turing Stage, Hall 6	
	Join us for the prestigious 2025 Global Mobile Awards, celebrating 30 years of outstanding achievements and innovation in the mobile and digital industry. This milestone ceremony will recognise the pioneers, innovators, and thought leaders who are shaping the future of connectivity and digital transformation.		
GLOMO Awards Networking Reception	Wednesday 5 March, 17:00 – 19:00	Fira Gran Via, Turing Stage, Hall 6	
	Join us right after the GLOMO Awards Ceremony for an exclusive networking reception with drinks and canapés.		

Fira Gran via map

