



About Neutral Wireless

Neutral Wireless is an award-winning and Emmy-nominated private radio communications company based in Scotland. With our team's decades of signal processing, FPGA and Software-Defined Radio (SDR) experience, the company has a proven track record designing and deploying flexible high-performance private 5G standalone (SA) networks around the world, including for some of the world's largest live broadcasts and events. Neutral Wireless offers design and integration services, as well as public and private training courses. Our team of specialised FPGA engineers provide expert design and consultancy services for AMD RFSoc and FPGA based SDR systems.

Airport of the Future

The 'Airport of the Future' is a new, immersive exhibition at MWC showcasing futuristic airport concepts using connected technology, AI, and seamless wireless connectivity. Neutral Wireless and partners are exhibiting the airborne Private

5G (P5G) solution with a live network demo running from the Groppo plane. We are demonstrating how this can provide wireless connectivity in challenging environments to support Public Protection and Disaster Relief (PPDR) and live broadcasts, alongside new innovations such as 'Sidelink', which supports direct handset-to-handset communication.

The GSMA Private Network Community

At MWC Doha 2025, the GSMA launched the 'Private Network Community' to bring together operators, vendors, integrators, and enterprises to accelerate P5G adoption through collaboration, knowledge sharing, and problem-solving.

As part of this initiative, Neutral Wireless have worked with GSMA to produce a statement of requirements (SoR) document to highlight the necessity for network operators to implement open network APIs to support various verticals, including broadcast production and PPDR.

2021

World's first 5G SA live-to-air broadcast (MotoGP)

2024

Thirty-two cells, five venues, 200+ cameras (Paris Games)

2026

Wider adoption, continued innovation

2023

Eight cells, sixty cameras (Coronation of King Charles III)

2025

Airborne P5G for live production and PPDR

World-Leading Private 5G Solutions



Since 2021, Neutral Wireless have been world-leaders in utilising Private 5G to facilitate innovative live broadcast production at several high-profile and international events.

The company deployed a multi-cell Private 5G network on catamaran boats for Paris 2024 Games sailing events, followed by working with the IBC Accelerator Media Innovation Programme 2025 to operate one of our ultra-portable fully-featured private 5G SA networks integrated on a Groppo Trail ultralight aircraft to provide moving coverage from the air.

The system was trialled with France Télévisions at a cycle race in Brittany to provide connectivity for professional video cameras and live microphone systems - all at a fraction of the cost of traditional airborne RF relay systems and with significantly lower environmental impact via the very low fuel consumption of the Groppo.

Neutral Wireless have also been working with key technology partners, and partners in Ireland (including the Office of the CIO), to develop both 5G solutions and private network infrastructure for PPDR and mission-critical applications.

See it in Person

At the **Airport of the Future** exhibit, Neutral Wireless and partners are showcasing the airborne P5G solution live.

An ultra-portable, multi-core private 5G network integrated onto the eye-catching Groppo Trail ultralight aircraft will be running live, with off-the-shelf devices and handsets demonstrating low latency video links with real-time camera control; push-to-talk and MCX workflows; and 'Sidelink' for direct local device-to-device comms.

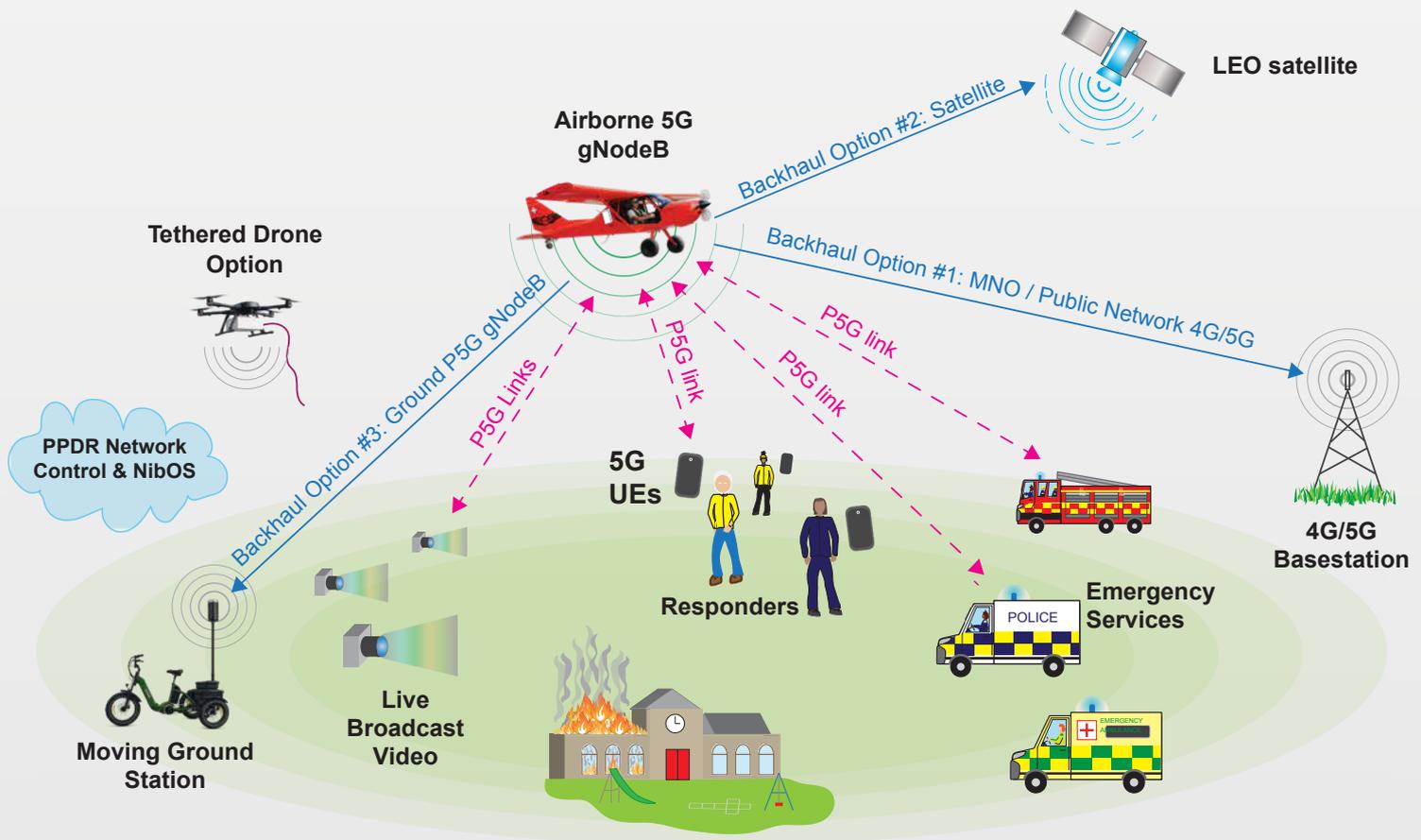
Come see us at stand SV.20 to learn more about the aircraft and integration, and speak with our solutions experts to explore how private 5G can support your wireless connectivity requirements for live broadcast production, PPDR and beyond.



Pop-Up 5G Pro

The complete, portable, Neutral Wireless Private 5G solution

Public Protection & Disaster Relief



Private 5G networks for PPDR

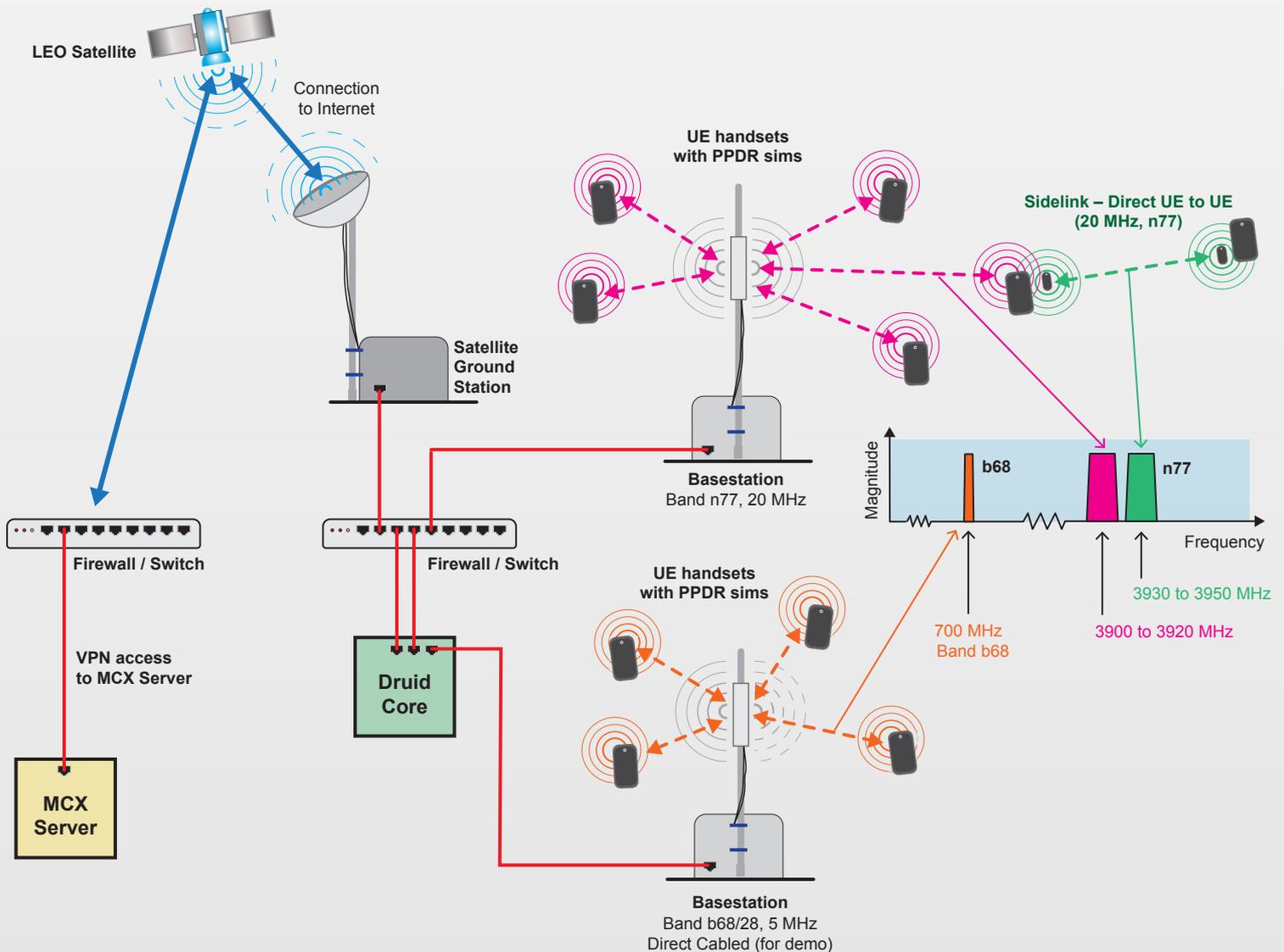
Neutral Wireless alongside Druid and the Department of Public Expenditure, Infrastructure, Public Service Reform and Digitalisation (Ireland) have worked to build nomadic Private 5G solutions, capable of tying into national cellular infrastructure to facilitate resilient connectivity for PPDR and adjacent mission-critical use cases.

These rapidly deployable platforms can establish secure, robust, and low-latency bubbles of connectivity wherever needed, whether across dense city centres, or in remote rural landscapes. Portable ground-based 5G gNodeBs, vehicle-mounted systems, and airborne or tethered drone cells provide uncontested coverage in minutes, creating an agile network footprint that moves with the demands of the use case.

Resilience is strengthened through flexible backhaul options, including integration with public 4G/5G mobile network operators and LEO satellite connectivity, ensuring service continuity even when terrestrial infrastructure is congested or impaired. High-bandwidth, low-latency links enable live video broadcast from body-worn cameras, drones, and vehicles, while secure data channels support mapping, telemetry, and coordinated command applications.

By intelligently prioritising traffic for emergency services, the solution safeguards mission-critical communications for ambulance, police, and fire responders. The outcome is a dependable digital ecosystem that enhances situational awareness, accelerates decision-making, and reinforces operational safety in the most demanding environments.

Demonstrating Mission-Critical Comms



At the 'Airport of the Future' stand, we are demonstrating a portable, multi-band solution to facilitate mission critical comms for PPDR applications, making use of low-bandwidth spectrum allocations.

Push-to-talk handsets will receive connectivity via portable b68/28 or n77 basestations, or via each other using a 20 MHz n77 'Sidelink' (direct UE to UE) channel. These basestations are then connected to the Druid Raemis™ 5G core, hosted locally on-site.

Backhaul is provided via Eutelsat LEO satellite, ensuring ubiquitous connectivity for the overall network. The Mission Critical Services (MCX) server is then hosted on the network edge via a VPN, providing the capability for secure push-to-talk or live-video communications between emergency services and first responders.

This workflow is flexible enough to be hosted in the back of a moving vehicle; such as a van, tricycle, or ultra-light aircraft. With alternative backhaul options such as public 4G/5G networks and ground-based secondary Private 5G networks also suitable.

amarisoft

 amarisoft.com

 [/amarisoft](https://www.linkedin.com/company/amarisoft)

 **Hall 5 Stand 5E31**

Building on its vRAN leadership, Amarisoft provides a comprehensive suite of 4G and 5G technologies, spanning core networks, UE simulators, and Software-Defined Radios. This end-to-end approach enables versatile, reliable, and adaptable solutions. Amarisoft serves two key markets. In test and measurement, its tools support device and network validation to ensure performance and reliability. For public and private network deployments, Amarisoft empowers partners to build and optimise networks that meet evolving connectivity demands. Through technological excellence and flexibility, Amarisoft is a trusted partner for industries navigating wireless communication, advancing the capabilities of modern 4G and 5G networks.

AMD

 amd.com

 [/amd](https://www.linkedin.com/company/amd)

 **Hall 2 Stand 2A12MR**

 **Hall 2 Stand 2M61**

The Zynq™ UltraScale+™ RFSoc platform is designed to support mobile wireless access (MWA) applications, enabling the development of advanced wireless communication systems. This platform integrates RF-sampling data converters and adaptable logic, allowing for rapid prototyping and deployment of solutions tailored to evolving 5G and 6G requirements. In combination with the AMD Ryzen powering the baseband DU/CU implementation, and AMD FPGAs in video encoders, AMD is enabling end to end design and deployment for the next generation AI enabled 5G and 6G deployments. The AMD University Program (AUP) is pleased to support StrathSDR and spinout Neutral Wireless design teams with software defined radio (SDR) RFSoc technology and design tools, alongside the sponsorship of the IBC Accelerator deployments of private 5G in 2025.



Ireland

**Department of Public Expenditure, Infrastructure,
Public Service Reform and Digitalisation (DPER)**

 nw5g.com/dper

 [/dper](https://www.linkedin.com/company/dper)

The Office of the Government CIO (OGCIO) within Ireland's Department of Public Expenditure, Infrastructure, Public Service Reform and Digitalisation leads the National Resilience and Recovery Plan, NextGenerationEU, on advanced 5G technologies to build a greener, more innovative Ireland. In September 2025, the Department coordinated a major three-day PPDR exercise in Westport. Police, Fire, Civil Defence, Ambulance, Customs and Coastguard services worked alongside technology partners to validate resilient, future-proof emergency communications. This work directly supports the vision of the European Critical Communication System (EUCCS) – the EU-wide initiative to establish a secure, interoperable mobile broadband communication system for public safety agencies.



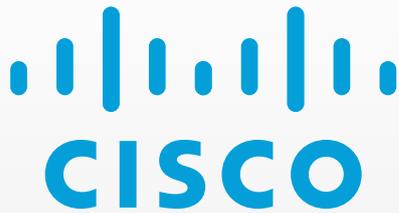
 aw2s.com

 [/aw2s](https://www.linkedin.com/company/aw2s)

 **Hall 5 Stand 5B61**

AW2S (Advanced Wireless System Solutions), a subsidiary of SERMA Group, is a French technology company specialising in the design and manufacturing of radio units (RUs) and complete Radio Access Network (RAN) solutions for 4G/5G wireless infrastructures.

By combining innovation, flexibility, and reliability, AW2S empowers its customers to accelerate digital transformation and unlock the full potential of private 5G.



-  [cisco.com](https://www.cisco.com)
-  [/cisco](https://www.linkedin.com/company/cisco)
-  **Hall 3 Stand 3D5**

Cisco delivers the critical infrastructure to help organizations thrive in the AI era. By fusing networking, security, observability, and collaboration, they power how people and technology work together.

Cisco's Mobility Services Platform connects people, things and spaces including over 284 million IoT devices. Having achieved early success with Private 5G in the sports media and broadcast market, Cisco has evolved its platform to address a wide range of use cases across Critical National Infrastructure sectors including healthcare, transport, energy, utilities and defence.



-  [druidsoftware.com](https://www.druidsoftware.com)
-  [/druid-software](https://www.linkedin.com/company/druid-software)
-  **Hall 6 Stand 6C40**

Druid Software is a global leader in private cellular core network technology, delivering secure, scalable 4G and 5G solutions for enterprise and mission-critical environments. Its flagship technology, Raemis™, is an enterprise-grade, 3GPP-compliant platform designed to simplify the deployment and management of resilient private networks across industries.

Designed with flexibility in mind, Raemis supports advanced capabilities including roaming, multi-operator core integration, and hybrid connectivity with public and non-terrestrial networks. With a low footprint architecture and extensive feature set, Druid empowers organizations to build high-performance private networks that meet demanding operational requirements while maintaining control, security, and cost efficiency.



eutelsat.com



[/eutelsat](https://www.linkedin.com/company/eutelsat)



Hall 6 Stand 6B20



Congress Square Stand CC7.12

Eutelsat is a global leader in satellite communications, delivering connectivity and broadcast services worldwide. Formed through the combination of the company and OneWeb in 2023, Eutelsat became the first fully integrated GEO-LEO satellite operator with a fleet of 33 Geostationary (GEO) satellites and a Low Earth Orbit (LEO) constellation of more than 600 satellites. Eutelsat addresses the needs of customers in four key verticals: Video, where it distributes around 6,300 television channels; and high-growth connectivity markets of Mobile Connectivity, Fixed Connectivity, and Government Services. Committed to delivering safe, resilient, and environmentally sustainable connectivity Eutelsat helps bridge the digital divide.



haivision.com



[/haivision](https://www.linkedin.com/company/haivision)

Haivision is a leading global provider of mission-critical, real-time video networking and visual collaboration solutions. Haivision's connected cloud and intelligent edge technologies enable organizations globally to engage audiences, enhance collaboration, and support decision-making. Haivision provides high-quality, low-latency, secure, and reliable live video at a global scale. Haivision open-sourced its award-winning SRT low-latency video streaming protocol and founded the SRT Alliance to support its adoption. Awarded four Emmys® for Technology and Engineering from the National Academy of Television Arts and Sciences, Haivision continues to fuel the future of IP video transformation. Founded in 2004, Haivision is headquartered in Montreal and Chicago with offices, sales, and support located throughout the Americas, Europe, and Asia.



[show.ibc.org](https://www.show.ibc.org)



[/ibc---international-broadcasting-convention](https://www.linkedin.com/company/ibc---international-broadcasting-convention)

The International Broadcasting Convention (IBC) is a leading global forum for the media, entertainment, and technology industries, recognised for driving innovation and collaboration across emerging network technologies, including Private 5G. Through the IBC Accelerator programme, The IBC encourages innovation and collaboration between broadcasters, technology vendors, and standards bodies to explore transformative connectivity solutions for live production, remote broadcasting, and next-generation media workflows. By curating thought leadership sessions, live demonstrations, and cross-industry partnerships, the IBC actively fosters practical experimentation and knowledge exchange, and has been pivotal in accelerating the adoption of resilient, low-latency Private 5G architectures across content creation and distribution ecosystems.



[logicalis.com](https://www.logicalis.com)



[/logicalis](https://www.linkedin.com/company/logicalis)

Logicalis is a global systems integrator delivering digital transformation and managed technology services with a presence in 29 countries and employing over 7,000 experts.

The organisation has a specialisation in the provision of managed Private 5G networks with experience across multiple sectors including ports, warehousing and logistics, oil and gas as well as utilities and security services. Its end-to-end service spans design, spectrum strategy, deployment, integration and lifecycle management, supporting use cases such as IoT, robotics, video analytics, push-to-talk and mission-critical operations.

Their solutions are built on Cisco Systems Private 5G technology and the leading providers in Radio Access Technology including Neutral Wireless. Logicalis skills extend beyond building 5G networks to include the integration of these networks into the enterprise LAN, SD-WAN, Data Centre and Security Architectures. As a Cisco Global Gold Partner, Logicalis combines deep networking expertise with capital and subscription-based delivery, helping organisations accelerate digital transformation through resilient, scalable and fully managed private cellular infrastructure.



sdr.eee.strath.ac.uk



[/strathcdr](https://www.linkedin.com/company/strathcdr)



South Village Stand SV.20

The Strathclyde Software Defined Radio (StrathSDR) group conducts research in advanced wireless communications and the flexible digital technologies which underpin them. With expertise in areas such as Dynamic Spectrum Access (DSA), Beamforming, Network Synchronisation, and AI Hardware Acceleration, our group is at the forefront of modern telecommunications research.

Central to our research is our breadth of experience in the use of FPGA and Adaptive SoC technologies, particularly the RFSoc. Using such devices, as well as our familiarity with modern FPGA workflows and hardware-software co-design techniques, we can rapidly prototype sophisticated real-time radio solutions. This hands-on capability allows us to translate our deep knowledge of DSP and embedded systems into practical wireless systems.



qualcomm.com



[/qualcomm](https://www.linkedin.com/company/qualcomm)



Hall 3 Stand 3E10

Qualcomm is a global technology leader, enabling the evolution of Private 5G and next-generation connectivity across enterprise and mission-critical sectors. Qualcomm innovations in 5G chipsets and reference designs provide the foundation for secure, high-performance networks that support advanced mobility, edge computing, and intelligent devices. By driving standards development and fostering a broad device ecosystem that forms the backbone of the Private 5G market, Qualcomm helps accelerate scalable Private 5G adoption, supporting reliable connectivity, enhanced situational awareness, and future-ready digital infrastructure across industries.



-  neutralwireless.com
-  [/neutralwireless](https://www.linkedin.com/company/neutralwireless)
-  **Hall 7 Stand 7A9**
-  **South Village Stand SV.20**

Neutral Wireless is a multi-award-winning technology company based in Glasgow, Scotland. Our team has over a decade of world-class expertise in Software-Defined Radio, Shared Spectrum, FPGA development, and wireless technologies.

We specialise in ultra-configurable, highly portable, private 5G networks for live-to-air content production, venues and stadiums, manufacturing, defence applications, and public-safety. We offer a range of private 5G products, for both pop-up and permanent installations across multiple frequency bands. Networks are available for purchase, short-term supply, or as a managed service through our partners.



-  nw5g.com/GSMA-Fusion
-  [/gsma](https://www.linkedin.com/company/gsma)
-  **Hall 4 Stand 4F30**

GSMA Fusion brings together enterprises, mobile operators, and technology innovators to unlock advanced network capabilities through programmable network APIs. These secure interfaces enable developers to access powerful features such as location, quality on demand, and device status, helping businesses build smarter, more responsive services.

By actively listening to industry requirements and elevating enterprise needs, Fusion turns real-world challenges into practical insights that inform and strengthen the GSMA Open Gateway framework. Through collaboration and shared understanding, Fusion empowers organisations to accelerate innovation, unlock new opportunities, and contribute to a more interoperable, scalable, and connected digital ecosystem.