GTI

Industry Briefing

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Table of Content

Industry News

GTI Event Recap

GTI

Appendix

Qualcomm and E& Team up for Some AI at the Edge

Qualcomm and e& have announced they will collaborate on tinkering with 5G and edge AI technologies in the pursuit of digital transformation contracts for government, enterprise and industrial sectors in the UAE.

A strategic collaboration between Qualcomm and UAE-based telecom giant e& to jointly develop 5G edge AI gateway solutions and advanced edge computing technologies for industrial and enterprise sectors, **aiming to drive digital transformation across key verticals by enabling the deployment of AI and other technologies at the network edge**. The partnership focuses on edge AI devices ranging from PCs to XR devices powered by Snapdragon platforms, which will integrate large language models (LLMs) and support on-device generative AI capabilities. Additionally, the collaboration encompasses smart mobility and safety solutions designed to enhance road safety, as well as connected industrial IoT solutions for enterprises.

Qualcomm will leverage its newly established Qualcomm Engineering Centre in Abu Dhabi to support the collaboration by evaluating new use cases for 5G and edge AI adoption in sectors such as energy, manufacturing, logistics, retail, and smart mobility.

Cristiano Amon, President and CEO of Qualcomm Incorporated, stated that the cooperation will drive significant collaboration in transformative technology areas like 5G, next-generation computing, and edge intelligence, accelerating innovation and technology advancement across e&'s ecosystem of enterprise and government customers in the UAE and beyond. ***Hatem Dowidar, Group CEO of e&***, emphasized that the new agreement builds on their historical partnership to significantly advance enterprise digital transformation, enhance the UAE's role in the global technology landscape, and bring powerful AI to the edge—across smart industrial gateways, wearables, mobility, and infrastructure—to deliver faster, more reliable, and secure experiences in sectors like manufacturing, transport, and government, driving real-time intelligence, operational efficiency, and future-ready public services in the UAE.

Meanwhile, Qualcomm announced its new Snapdragon 7 Gen 4 Mobile Platform on the same day, promising advancements in camera capabilities, gaming features, and on-device AI. Compared to the previous Snapdragon 7 Gen 3 Mobile Platform, **the new SoC delivers a 27% increase in CPU performance, 30% faster GPU graphics rendering, and a 65% improvement in AI performance**. Together, the collaboration and new product launch highlight Qualcomm's strategic focus on driving the convergence of 5G and edge AI to empower digital transformation across industries globally.

UK's AI Energy Council Tasked with Fusing Clean Energy with AI for Economic Growth

The newly formed AI Energy Council is holding its first round of talks at Whitehall relating to the UK Government's ambitions around AI and power, which it says is "central to delivering growth, jobs and opportunity."

Recently, UK launched the **AI Energy Council**, co-chaired by the Secretaries of State for Science and Energy as part of the broader **AI Opportunities Action Plan**. The council is tasked with collaborating with energy and tech firms to assess and address the energy demands arising from the surge in AI activity across the UK, ensuring that AI development is pursued in a responsible and sustainable manner. The inaugural meeting of the council will focus on agreeing its core objectives, bringing together attendees from the energy sector—such as NESO, EDF, Scottish Power, Ofgem, and National Grid—and major tech companies like Microsoft, ARM, Google, and Amazon.

Peter Kyle, Secretary of State for Science, Innovation, and Technology, emphasized that the AI Energy Council will ensure the UK not only powers its AI needs to unlock new waves of opportunity nationwide but does so sustainably. He said this requires the broad expertise of industries and regulatory bodies to propel the UK's economic engine to adapt to the AI era and achieve the economic growth.

Ed Miliband, Secretary of State for Energy Security and Net Zero, added that as the UK aims to become a clean energy superpower, AI can play a crucial role in building a new era of clean electricity. The council will help secure a sustainable scaling of AI to benefit businesses and communities across the country.

A key objective of the council is to **address how the government's clean energy goals and its commitment to advancing AI and compute infrastructure can work together to deliver economic growth**. It will also focus on enhancing energy efficiency and sustainability in AI and data centre infrastructure and ensuring the secure adoption of AI across the UK's energy network. Nowadays, the energy demands of AI data centres contributes to global concern. The UK is addressing this challenge by setting up AI Growth Zones. These are "dedicated hotbeds of AI development" in areas which can access at least 500MW of power (the equivalent of enough energy to power roughly two million homes, we're told) which the government hopes will spark private investment and create local jobs.

Alison Kay, Vice President of AWS in the UK and Ireland, stated that Amazon is committed to meeting future energy needs sustainably and aligns with the government's goal of carbon-free energy for AI, noting its status as the world's largest corporate purchaser of renewable energy.

Jonathan Brearley, CEO of Ofgem, emphasized the need for fair, secure, and consumer-focused AI adoption in energy systems, ensuring that infrastructure planning and customer service prioritize public benefits.

Ericsson and CelcomDigi Team up on Autonomous Networks in Malaysia

Ericsson and Malaysian operator CelcomDigi have signed a Memorandum of Understanding (MoU) to collaborate on autonomous network operations.

The collaboration between CelcomDigi, a leading telecommunications company in Malaysia, and Ericsson aims to optimize network operations using AI-driven analytics, particularly in preparation for mass 5G adoption. While the growing number of connected devices and diverse use cases have increased network complexity, the need for advanced solutions prompts. The partners aim to jointly develop **intent-driven autonomous networks** that leverage AI and automation to deliver high-quality, differentiated connectivity services, enhance network efficiency, and improve operational sustainability.

Ericsson will contribute its **AI Intent-Based Operations (IBO)** technology to accelerate the development of autonomous network operations, supporting CelcomDigi's ongoing network integration and modernization efforts. The collaboration focuses on three key areas: **using AI to optimize network performance, creating differentiated 5G services for enterprises and consumers, and enhancing service quality through autonomous solutions**. Together, the companies seek to set new benchmarks in network efficiency, service differentiation, and customer satisfaction.

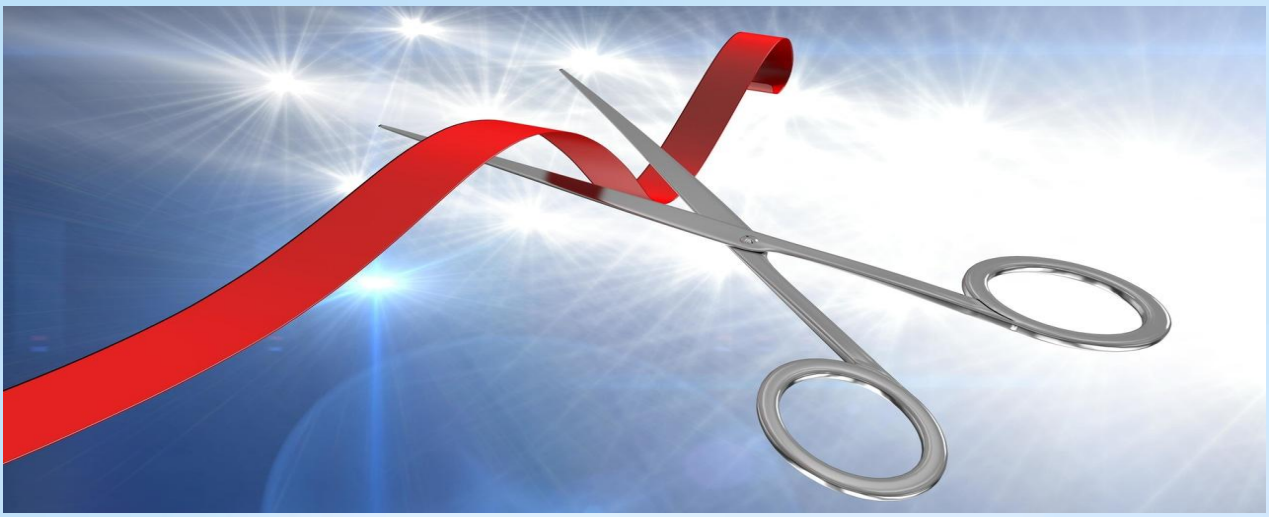
CelcomDigi's CEO, Datuk Idham Nawawi, emphasized the critical need to evolve network capabilities amid Malaysia's accelerating 5G adoption, stating that the partnership with Ericsson will harness AI and automation to transform network operations, optimize performance, and improve sustainability.

David Hägerbro, President and CEO of Ericsson in Malaysia, Sri Lanka, and Bangladesh, called the collaboration a "strategic leap forward" in Malaysia's digital transformation, highlighting the potential of AI in autonomous networks to boost efficiency and user experiences while helping CelcomDigi remain at the forefront of digital innovation.

A separate partnership last month between CelcomDigi and local payments provider PayNet leveraged open network APIs for SIM-based authentication in PayNet's DuitNow P2P transfer service and collaborated with Malaysia's National Scam Response Centre via PayNet's fraud portal, showcasing CelcomDigi's broader strategy to expand digital solutions across diverse sectors.

Overall, the collaboration with Ericsson underscores CelcomDigi's commitment to leveraging AI and autonomous technologies to manage network complexity, enhance service quality, and drive sustainable growth in Malaysia's evolving 5G landscape.

UK Government Pledges £23 Million for Telecoms R&d and Promises to Cut Red Tape



The UK government has allocated another £23 million for telecoms research and development, some of which will go to a handful of 5G-based projects across the country.

Peter Kyle, Secretary of State for Science, Innovation, and Technology, made announcements at the techUK event during a future-focused speech highlighting AI, quantum technologies, drones, and other emerging fields, with an underlying message centered on reducing regulatory bureaucracy. "Too often...British businesses trying to bring technologies like these to market face a mountain of red tape," Kyle stated in his speech transcript, citing examples such as climate-resistant crops, medical quantum scanners, semiconductors, and telecoms technologies aimed at expanding connectivity nationwide.

The UK government established the Regulatory Innovation Office (RIO) in October 2023 to a**lleviate regulatory burdens and accelerate new technology adoption.** Kyle announced Lord David Willetts, a former science minister, as RIO's new chairman. " The Regulatory Innovation Office has an exciting opportunity to shape regulatory approaches that empower new technologies, and I look forward to working alongside the team to deliver real change and support the UK's position as a global leader in science and technology," Willetts said in a statement.

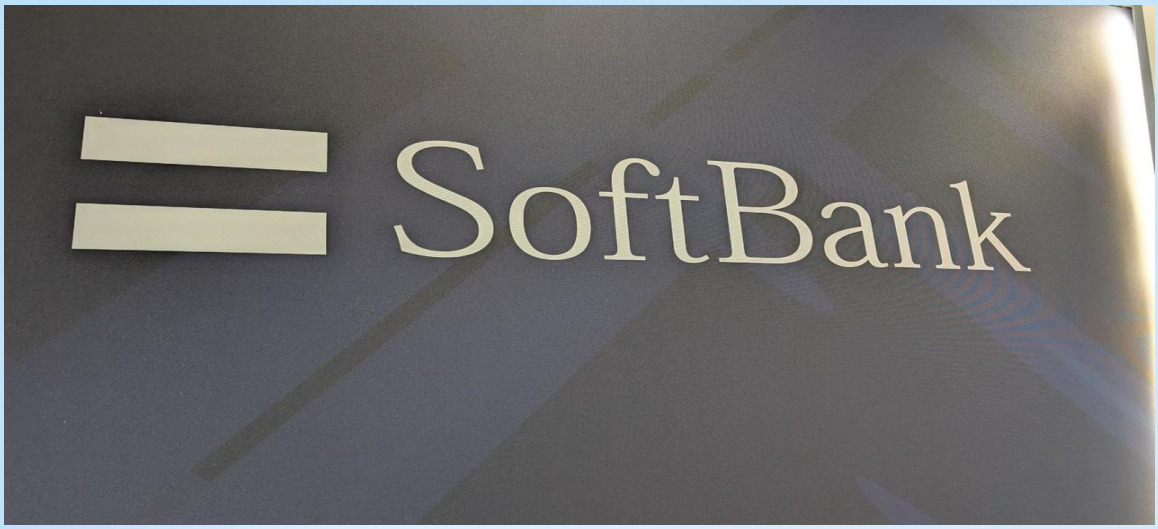
A key case study highlighted was Guy's Hospital's trial using drones to deliver blood samples to St Thomas' Hospital, reducing delivery time from up to 30 minutes by road to just two minutes—a potential life-saving improvement. Kyle welcomed the Civil Aviation Authority's decision to extend the trial but warned of regulatory risks: "Even for this trial, my officials were told that if a single noise complaint was made – the whole thing could be blown off course," he said, emphasizing challenges in balancing innovation with overregulation.

The speech focused on UK competitiveness in tech, acknowledging the rapid pace of technological change. "Imagine if you'd published a ten-year plan for AI the day before ChatGPT was released. You may as well rip it up and start again," Kyle noted, underscoring the need for agile regulation. Despite the "unpredictable nature of research," **the UK announced £23 million in AI funding, though questions remain about its allocation and impact compared to global investments.**

Kyle also highlighted regional 5G projects, such as smart sensors to combat damp in Glasgow social housing and 5G-enabled vineyard monitoring in Sussex, part of the £36 million 5G Innovation Regions scheme. **While some projects have secured additional funding (totaling over £7.4 million), details on AI and quantum R&D investments remained sparse.**

The speech combined concrete announcements with aspirational rhetoric about leading innovation, reflecting the tension between regulatory reform and technological ambition. "We don't know what 2035 will look like...but we know that tech will have a pivotal – and positive – role to play," Kyle concluded, emphasizing sectors like engineering biology, AI, semiconductors, and quantum technologies in the government's 10-year investment plan.

SoftBank Shows off a 'Generative AI Foundation' for the Telecom Industry



Japanese telco SoftBank has put together a Large Telecom Model (LTM), which it says will yield advanced cellular network operations.

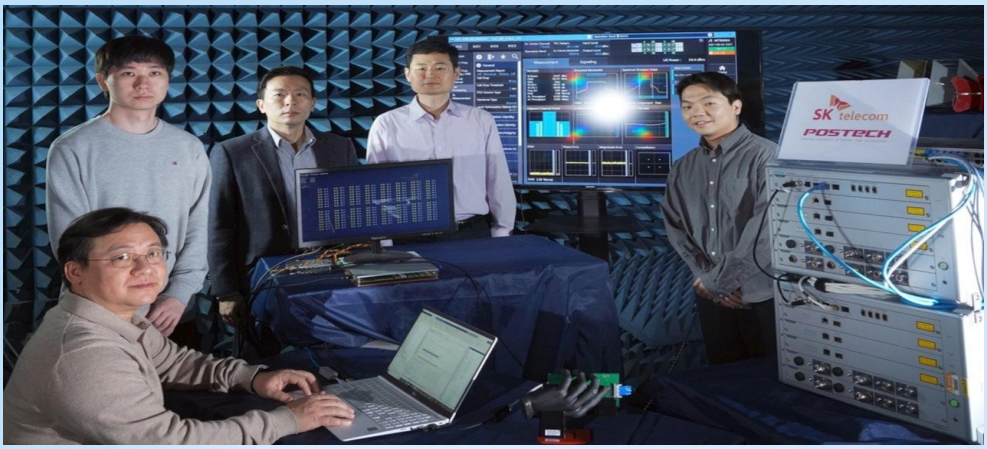
Two significant initiatives by SoftBank in the realms of artificial intelligence and telecommunications are introduced: ***its collaboration with NVIDIA on the Large Telecom Model (LTM)*** and ***its $6.5 billion cash acquisition of silicon design company Ampere Computing.***

Developed in partnership with NVIDIA, SoftBank's LTM is trained on diverse datasets, including the company's network data and decades of accumulated expertise in network design, management, and operations. The model aims to deliver "advanced inference" for cellular network design, management, and operation, with plans to implement it into SoftBank's operations following further research. **By fine-tuning LTM, SoftBank has created specialized AI models optimized for base station configurations, which achieved over 90% accuracy in predicting configurations for actual base stations excluded from the training phase after human verification.** Compared to manual or partially automated workflows, LTM reduces the time to make network changes from days to minutes while maintaining similar accuracy, offering substantial operational time and cost savings and minimizing human error. This innovation serves as a foundation for SoftBank's "AI for RAN" initiative, **which seeks to enhance radio access network (RAN) performance through AI and transform base stations from cost centers into revenue-generating assets.** Ryuji Wakikawa, Vice President of SoftBank's Research Institute of Advanced Technology, emphasized that LTM enables the creation of specialized AI models for various operational processes, while Nvidia's Chris Penrose noted that such models set a global example for telecom operators to streamline network operations with AI.

In a separate strategic move, SoftBank announced its plan to acquire Ampere Computing, a company focused on cloud-native computing and "sustainable AI compute," with a product portfolio spanning edge to cloud data center workloads. Ampere will operate as a wholly owned subsidiary under its existing name. SoftBank Group CEO Masayoshi Son stated that the acquisition aligns with the vision of advancing artificial super intelligence, as Ampere's expertise in semiconductors and high-performance computing accelerates breakthroughs in computing power. Ampere's Founder and CEO Renee James highlighted the shared commitment to AI innovation, expressing enthusiasm about driving forward Ampere's roadmap for high-performance Arm processors and collaborating with SoftBank's portfolio of technology companies.

Together, **these initiatives reflect SoftBank's dual strategy to leverage AI for optimizing communication network operations and strengthen its AI computing capabilities through hardware acquisitions**, positioning the company at the forefront of technological convergence in telecom and artificial intelligence.

SK Telecom Pits Its AI Wits Against Transmission Fix



While smartphone AI tries its best to turn every mundane task into a protracted conversation with a chirpy robot, one operator is trying to make it do something actually useful.

SK Telecom (SKT) is enhancing smartphone transmission speeds by combining on-device artificial intelligence (AI) with a larger number of physical antennas. According to the Korean telco, under normal circumstances, integrating extra antennas into a smartphone's compact form factor can cause interference and degraded performance.

Collaborating with researchers from Pohang University of Science and Technology (POSTECH), SKT overcame these challenges by using AI to actively manage antennas based on user posture and changing environmental conditions. SKT claims this approach "significantly" improved transmission speeds by doubling the number of antennas in a smartphone from four to eight without compromising its design. The team tested the technology in a lab simulating over a million real-world usage scenarios, providing confidence in its real-world effectiveness.

"Although antenna count is critical for communication competitiveness, technological advancements have been hindered by practical constraints," said POSTECH professor Hong Won-bin. **"By integrating on-device AI with antenna expansion, we can overcome these limitations and create diverse added values."** SKT's next steps include commercializing the technology with chipset, component, and smartphone OEM partners and pushing for its standardization at 3GPP.

"This achievement confirms that on-device AI can further enhance smartphone performance and communication technology," said Ryu Tak-ki, head of SKT's infrastructure technology division. "We will continue developing core 6G and AI infrastructure technologies to boost customer satisfaction and global competitiveness through innovative research."

This isn't SKT's first breakthrough in on-device AI. Last year, in partnership with MediaTek and AI startup Nota AI, it developed an app to extend smartphone battery life by predicting data transmission needs and disconnecting from base stations when unnecessary, saving power. Such practical innovations often go overlooked compared to flashier uses of AI, like editing friends out of photos or recommending gifts.

Meanwhile, SKT has joined the MIT GenAI Impact Consortium, a generative AI (GenAI) partnership led by MIT researchers and including Coca-Cola, Tata Group, Analog Devices, and TWG Global Holdings. The consortium aims to steer GenAI development toward maximizing positive impacts on industry and society through cross-disciplinary research.

"MIT is thrilled to bridge academia and global leaders like SKT," said Anantha Chandrakasan, MIT's chief innovation officer and consortium leader. "The GenAI Impact Consortium will break down academic silos and ensure AI reshapes global society positively." Addressing real-world challenges like antenna and battery performance, SKT's work arguably aligns more closely with this mission than energy-intensive "glorified search engines."

Spain Trumpets 6G Research Progress

The EU's Enable-6G project has concluded, delivering a batch of breakthroughs that it claims will contribute to the development of next-gen mobile tech.

A Spanish-led initiative coordinated by Madrid-based research institute IMDEA Networks, Enable-6G welcomed participation from Telefónica, NEC Europe, tech consultancy BluSpecs, and LED research outfit PI Lighting. Backed by the NextGenerationEU recovery fund and Spain's Recovery, Transformation and Resilience Plan (PRTR), the project focused on specific features set to be integrated into the 6G standard, some more niche than others.

These include low-power communication and sensing—two areas frequently highlighted in detailed 6G discussions. **The ability of radio networks to function as spatial sensing networks while maintaining energy efficiency ranks highly on the 6G wishlist. Enable-6G also addressed reconfigurable intelligent surfaces (RIS)**—retrofitting walls and windows with smart devices and materials to aid signal propagation—and **privacy-preserving machine learning** (PPML), which aims to deliver machine learning benefits without compromising data privacy.

From its launch in 2022 to its conclusion this week, **Enable-6G produced no fewer than 20 research outputs and tangible developments,** including **a testing platform to improve location-tracking accuracy in 5G networks and wireless sensing algorithms for real-time monitoring in applications like precision agriculture.** It also proposed advancements in radio antennas and MIMO technology to enhance spectral efficiency and network scalability.

"Enable-6G has been critical in positioning Spain as a leading contributor to European 6G development," IMDEA declared. "Its final outputs provide a foundation for exploring and deploying advanced 6G use cases, reinforcing Europe's competitiveness in the global race for next-gen digital infrastructure."

However, tracking Europe's myriad 6G research efforts and their interconnections remains challenging, complicating assessments of individual projects' significance—Enable-6G included. The initiative was divided into two sub-projects: RISC-6G (focused on RIS and low-power communications) and MAP-6G (centered on sensing and PPML).

IMDEA noted that Enable-6G aligns with the EU's Smart Networks and Services Joint Undertaking (SNS JU), though functionally separate; the latter is a public-private partnership funding diverse 6G initiatives, while Enable-6G emerged from EU and Spanish COVID stimulus packages. It remains unclear whether Enable-6G's outcomes will influence the recently launched 6G-Leader initiative, an EU-backed project under the Horizon research programme.

For all its diligent work over the past years, the practical trajectory of Enable-6G's insights remains uncertain.

"Breakthrough" New 5G Satellite Technology Demonstrated in Japan

Five organisations have jointly developed and conducted a live demonstration of a new 5G non-terrestrial network (NTN) satellite technology for mobile connectivity in remote areas.

The Singapore University of Technology and Design (SUTD), SKY Perfect JSAT, TMY Technology, Rohde & Schwarz, and VIAVI Solutions jointly developed end-to-end cross-country 5G New Radio (NR) Non-Terrestrial Network (NTN) technology, demonstrated live at the World Expo 2025 Singapore Pavilion in Osaka, Japan. The demo showcased a 5G signal transmitted from a Singaporean communication device via a satellite antenna to JSAT's geostationary (GEO) satellite, then relayed to a Japanese ground station connected to a 5G base station and core network emulator. This marked the first feasibility demonstration of NTN-to-terrestrial network communications between Singapore and Japan, verifying that existing GEO satellites can support 3GPP-defined 5G NR standards.

The achievement lays groundwork for 6G networks, which are expected to converge terrestrial networks (TN) and NTN for global coverage and resilient connectivity, with p**lans to extend to medium earth orbit (MEO) and low earth orbit (LEO) satellites**. The collaboration also represents one of the first global integrations of an electronically steered antenna (ESA) for 5G NTN GEO communications. **This ESA technology, derived from phased array radar principles, enables real-time beamforming and dynamic satellite tracking, making NTN particularly suitable for maritime navigation (e.g., vessel-to-shore communication in remote seas) and autonomous vehicles requiring high-speed, low-latency data transmission. Additionally, it paves the way for seamless integration with LEO/MEO satellites, which move faster than GEO counterparts.**

Key technical contributions include TMY Technology's advanced millimeter-wave antenna packaging and beamforming systems, which optimize signal transmission efficiency; Rohde & Schwarz's role in validating IoT NTN radio frequency compliance through its test equipment; and VIAVI Solutions' expertise in 5G NTN test and validation, including RedCap device simulation for industrial IoT applications.

Looking ahead, the Universal NTN platform aims to create a unified network architecture that bridges GEO, MEO, and LEO satellites with terrestrial 5G/6G networks, ensuring continuous connectivity for maritime fleets, autonomous logistics systems, and disaster response operations. This aligns with global trends, such as China Telecom's successful 5G NTN maritime trials and MediaTek's 3GPP-compliant satellite communication chips for smartphones, **showcasing the rapid evolution of NTN from experimental to commercial stages.**

European Telcos and Cable Firms Encourage More Cooperation on Subsea Cable Security

A gang of Europe's operators and cable companies have signed an open letter to EU, UK and NATO decision makers calling for closer cooperation when it comes to securing subsea comms cabling.

Nine European telecom and infrastructure companies, including Alcatel Submarine Networks, Orange, and Vodafone, have jointly addressed a letter to the EU Commission, UK government, and NATO, urgently calling for enhanced security for Europe's cross-border communication networks—particularly subsea cables—in the wake of suspected sabotage incidents, such as the February 2025 investigation by Swedish police into alleged deliberate damage to Finnish operator Cinia's subsea telecom cables in the Baltic Sea. **The joint letter emphasizes that subsea cables, as the backbone of Europe's connectivity, competitiveness, defense readiness, and economic stability, carry over 90% of international data traffic and must be prioritized as a core component of infrastructure protection.**

The letter proposes a coordinated strategy under the EU's "Action Plan on Cable Security", urging renewed collaboration among the EU/EEA, UK, and NATO to establish a "24/7 threat monitoring coalition" involving governments, enterprises, and research institutions. It calls for designating the entire subsea cable ecosystem—encompassing manufacturing, installation, and maintenance—as "critical infrastructure" with rigorous security screening and protection standards. The companies advocate for investing in advanced technologies such as satellite radar monitoring, sonar early-warning systems, and AI-driven fault prediction models through funding mechanisms like the EU's Connecting Europe Facility (CEF) and European Defence Fund, with the goal of reducing threat detection time in high-risk areas like the Baltic Sea from hours to minutes. Additionally, they demand increased budget allocations for digital security in the EU's future Multiannual Financial Framework (MFF), supported by complementary funding from the UK government and NATO.

To enhance network resilience, the letter proposes building redundant terrestrial and subsea communication routes, such as a new Baltic-to-Mediterranean subsea corridor, which companies estimate could improve disaster resistance by over 40%. It also calls for streamlining permit processes and governance structures to reduce bureaucratic hurdles and accelerate the deployment of security measures. Furthermore, the letter stresses the need for deepened public-private partnerships, including real-time intelligence sharing and joint monitoring initiatives, to develop shared strategies against hybrid threats.

In response, **Magnus Brunner, EU Commissioner for Home Affairs and Migration, announced that the EU plans to invest nearly €1 billion to strengthen subsea cable monitoring systems in the Baltic Sea and integrate cable protection into member states' defense strategies.** He highlighted that the *Action Plan for Better Security of Submarine Cables* focuses on enhancing threat prevention, detection, and response capabilities, positioning cable security as a core element of the EU's future *Internal Security Strategy*.

This joint appeal underscores the shift of subsea cable security from a technical issue to a strategic imperative amid escalating geopolitical risks. As the "digital lifeline" supporting critical sectors like financial transactions, energy management, and public communications, subsea cables require multi-layered defense through cross-regional coordination, technological innovation, and institutional reform to lay the foundation for global connectivity and network resilience in the 6G era.

Nokia Deploys 5G for Military Exercise in Norway

Nokia and partners tested 5G technology during Joint Viking 2025, a Norwegian military exercise involving more than 10,000 soldiers, to boost situational awareness and help the military units cooperate.

Nokia recently deployed its 5G AirScale radio products and 5G Standalone Core technology at the biennial Joint Viking multinational military exercise in Bardufoss, northern Norway, above the Arctic Circle. The defense-optimized 5G communications platform provided real-time battlefield intelligence for over 10,000 soldiers from Belgium, Canada, Finland, France, Germany, the U.S., the UK, the Netherlands, and Norway, enhancing situational awareness, operational efficiency, and safety throughout the exercise. Designed to strengthen NATO's northern flank cooperation and test Norway's capability to receive allied reinforcements, the exercise highlighted Nokia's 5G solutions, which feature advanced software enabling operations in GNSS-denied environments and next-generation radio equipment engineered for reduced size, weight, and power—critical for rapid deployment in extreme Arctic conditions. Kennet Nomeland, Radio Architect and Norway's Ministry of Defense liaison for the 5G COMPAD program, stated: **"Nokia's technology was instrumental in the exercise's success, preparing the Norwegian Armed Forces for complex joint operations in challenging environments."**

In Northern Europe, **Nokia entered a strategic agreement with Norwegian energy and telecom group Lyse to develop innovative tactical communication solutions for Norway**, leveraging commercial technologies to address the unique challenges of Arctic communications. **Concurrently, Nokia expanded its global defense footprint by delivering its Banshee tactical private wireless systems to the U.S. Marine Corps Tactical Systems Support Activity (MCTSSA), which is modernizing its communications infrastructure**. Banshee offers high-speed, long-range, and secure connectivity for rapid deployment in demanding environments. MCTSSA acquired multiple units in early 2025 for evaluation and integration into exercises, with **Nokia providing hands-on training in network operations, setup, troubleshooting, and live demonstrations**.

"5G's scalable, secure, and reliable connectivity is reshaping tactical communication capabilities for defense forces," said Giuseppe Targia, Head of Space and Defense at Nokia. **"The successful trial at Joint Viking underscores Nokia's leadership in defense communications and the Norwegian Armed Forces' proactive adoption of advanced technologies for tactical operations."** This deployment exemplifies the crossover of commercial 5G innovations into military applications, offering NATO a resilient framework for addressing hybrid threats and strengthening collaborative defense networks in the 5G and future 6G eras.

T-Mobile US Claims Another 5G Advanced Uplink Record

Blistering download speeds are all well and good, but T-Mobile US reckons upload is where the real action is.

T-Mobile has set a new 5G uplink speed record of 550 Mbps in the sub-6GHz spectrum with the help of Nokia and MediaTek, achieved through a combination of 100 MHz of TDD (time-division duplex) spectrum and 35 MHz of FDD (frequency-division duplex) spectrum alongside the 5G feature "uplink Tx switching." This technology enhances a device's transmission capabilities by merging uplink carrier aggregation with uplink MIMO, dynamically combining the TDD spectrum when it switches from downlink to uplink with the FDD uplink spectrum to create a broader transmission pipeline. **The telco highlights the growing importance of uplink bandwidth for emerging applications like 4K video sharing, real-time extended reality (XR) apps, and online gaming,** with T-Mobile President of Technology Ulf Ewaldsson stating, "Everyone obsesses over download speed, but at T-Mobile we see what's coming, and uplink is the next big thing."

Nokia President of Mobile Networks Tommi Uitto emphasized the technical challenge of boosting uplink speeds compared to downlink, calling the achievement "impressive" as demand rises for AI, XR, and video uploads. MediaTek's General Manager of Wireless Communication System and Partnership HC Hwang praised the collaboration, **noting that the 550 Mbps milestone—demonstrated using a test smartphone with MediaTek's M90 modem—marks a significant leap for immersive VR and AR experiences.**

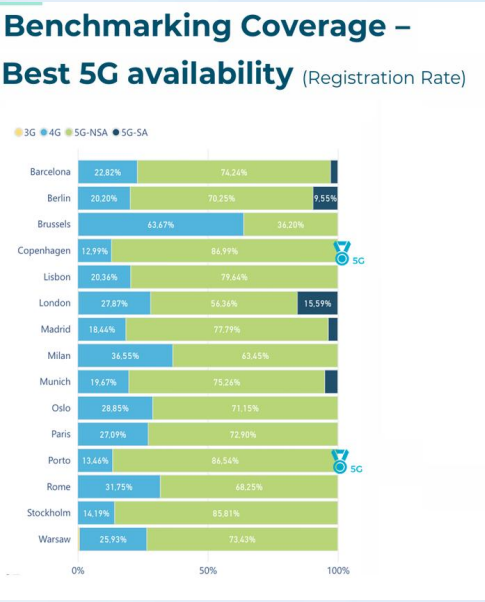
This builds on T-Mobile's previous uplink Tx switching breakthroughs: 275 Mbps in 2022 and 345 Mbps in 2023, with Vodafone having demonstrated 273 Mbps in a January 2024 trial. **However, one unresolved question is the impact of such high uplink speeds on device battery life.** While the M90 modem includes power-saving features for idle states, T-Mobile has not disclosed how effectively these offset the increased consumption during sustained high-speed uplink transmission—a critical factor for practical user experience, as a drained battery would undermine the benefit of rapid 4K video uploads.

The achievement underscores the industry's shift toward prioritizing uplink performance to support future-facing applications, though commercial deployment will require addressing spectrum coordination, terminal compatibility, and power efficiency challenges. **As 5G evolves toward 6G, the collaboration highlights how partnerships across the ecosystem are driving innovations that bridge technical milestones with real-world connectivity needs.**

London Still Struggles in 5G Benchmarking

London is one of a couple of major Europe cities to fall short on 5G performance, according to a new benchmarking report published this week.

Testing firm MedUX's latest European 5G quality of experience (QoE) report ranks Porto and Stockholm highest (4.78/5) for 5G performance, driven by strong availability, speeds, and reliability, **while London lands last among 15 cities due to "subpar 5G availability, sluggish speeds, and reliability issues across services**." Brussels also underperforms, hindered by lower speeds and streaming inconsistencies. **The report highlights a stark divide: while Nordic and Iberian cities excel, major hubs like London lag**, with the UK capital's poor showing mirroring its 2023 ranking (only EE slightly improves among UK operators).



A key bottleneck identified is the near-absence of 5G Standalone (SA) networks across Europe. MedUX notes that 5G SA "remains largely unavailable," with residential SA plans offered by only a handful of operators (e.g., Orange Spain, Vodafone UK/Germany) and SA registration times averaging under 3% in major cities, crippling potential for IoT, autonomous tech, and real-time applications.

Despite bright spots, all cities fail to meet EU "Digital Decade" 2030 targets, prompting MedUX to urge operators to "accelerate 5G transformation now." The report stresses SA deployment, spectrum optimization, and infrastructure investment as critical for digital innovation and economic growth. In the UK, the recent Vodafone-Three merger sparks hopes for connectivity upgrades, but its impact on London's lagging network—and broader EU alignment—remains uncertain, hinging on tangible infrastructure improvements rather than structural changes alone.

The findings underscore Europe's uneven 5G progress, with leadership in some markets countered by stagnation in others, as the bloc races to bridge gaps before 6G transitions reshape global tech competition.

Ericsson Lands 5G Upgrade Deals in Malaysia and Qatar

Kit vendor Ericsson has been drafted in to upgrade Digital Nasional Berhad's (DNB) network in Malaysia with 5G Advanced, and RAN and microwave backhaul deployments in Qatar.

Ericsson's strategic deployments in Malaysia and Qatar are driving 5G Advanced innovation, leveraging AI and next-gen technologies to address enterprise and consumer needs. In Malaysia, the national 5G network operated by Digital Nasional Berhad (DNB) **has activated 5G Advanced capabilities**, supported by Ericsson's AI intent-based operations that automate network adjustments to deliver premium services like low-latency remote surgery and immersive education. **This upgrade integrates RedCap technology**, which extends battery life and reduces complexity for wearables and industrial sensors, enabling cost-effective IoT deployments in sectors like manufacturing and healthcare. **By December 2024, Malaysia achieved 18.2 million 5G subscriptions (53.4% adoption), with 5G Advanced positioned to fuel economic growth through enhanced connectivity.**

In Qatar, Ericsson is partnering with Ooredoo to deploy advanced Radio Access Network (RAN) and microwave backhaul solutions, including Massive MIMO radios and multi-band microwave systems that combine E-band (70/80 GHz) with traditional frequencies to deliver up to 25 Gbps backhaul in fiber-scarce regions. This initiative includes nationwide 5G expansion at 2.3 GHz, NR 700 deployment for rural coverage, and mmWave upgrades for urban hotspots, supported by AI-driven RAN optimization to reduce interference and improve outdoor positioning. **Ooredoo aims to solidify Qatar's 5G leadership while unlocking enterprise use cases in logistics and smart infrastructure.**

Technologically, **Ericsson's multi-band booster solution—tested in Malaysia—combines microwave and E-band frequencies to double coverage reach and boost capacity fivefold**, critical for 5G Advanced's latency-sensitive applications. **The Automated Energy Saver, part of Ericsson's efficiency suite, further optimizes network power consumption, aligning with sustainability goals**. Financially, Ericsson reported 2% organic sales growth in Q4 2024, driven by North American network investments, with global RAN market growth projected at 2% for 2025.

These collaborations highlight Ericsson's dual focus on infrastructure modernization and AI-driven service differentiation, positioning clients like DNB and Ooredoo to meet evolving digital demands while supporting broader regional economic strategies.

UK Autonomous Driving AI firm Wayve Gets $1 Billion Investment

Wayve has received $1.05 billion in a series C investment round led by SoftBank Group, alongside Nvidia and existing investor Microsoft, as it looks to develop 'embodied' AI for autonomous driving.

Founded in 2017, UK-based autonomous driving startup Wayve is redefining the global self-driving landscape with its groundbreaking Embodied AI technology. Co-founded by Cambridge University computer science PhD Alex Kendall, the company has attracted massive investments from tech giants like SoftBank Vision Fund, NVIDIA, and Microsoft—though exact figures remain undisclosed, the UK's Department for Science, Innovation and Technology (DSIT) confirmed it as the largest AI funding in British history. This reflects capital confidence in its "data-driven autonomy" approach, where vehicles learn through real-world interactions to tackle unstructured scenarios like sudden pedestrian movements or unconventional traffic behaviors, **aiming to upgrade autonomous driving from "eyes-on" Level 2 assistance to "hands-off" Level 4/5 full automation**.

Wayve's technological edge lies in its end-to-end (e2e) neural network systems, which mimic human driving learning by directly mapping sensor data from cameras and radars to steering and braking commands without relying on pre-programmed, modular rules. This "black-box" learning mechanism allows its systems to adapt to diverse environments, from London's congested streets to Stockholm's icy roads, and even handle unexpected scenarios not explicitly trained in data sets. The company's "Autonomy Foundation Model," inspired by large language models, continuously evolves through real-time data from its global fleet, enabling a "collective learning" effect where one vehicle's experience with, for example, a rain-induced skid is shared across all connected vehicles to enhance safety collectively.

Commercially, Wayve is focused on developing **mapless autonomous driving solutions** that eliminate reliance on high-precision maps, crucial for markets with restricted map access or dynamic urban environments. Its test vehicles have already demonstrated autonomous navigation in complex cities like London and Singapore without pre-programmed routes. Additionally, the company is creating **embedded AI products for consumers**, including the LINGO voice interaction system that adjusts driving styles based on passenger commands and the GAIA multimodal model that integrates in-cabin sensors with environmental data to create personalized smart cabin experiences. **The UK government backs Wayve as a cornerstone of its "AI superpower" strategy, providing test corridors and regulatory support, with projections that the country's self-driving industry will reach £42 billion in value and create 38,000 jobs by 2035.**

However, Wayve faces significant challenges, including **the lack of causal reasoning in its deep learning models**, **which could lead to unpredictable decisions in extreme scenarios**, and the need for new safety validation frameworks to address the complexity of e2e systems. **Data privacy concerns also arise from its global data collection practices, requiring strict compliance with regulations like GDPR**.

EU Launches Long-awaited Merger Consultation

The European Commission has launched a public consultation to review its merger guidelines, a move with significant implications for the telecoms industry and other strategic sectors.

1. Objective of the Review

- The EU aims to modernize its merger assessment framework, particularly the horizontal merger guidelines (2004) and vertical merger guidelines (2008), to reflect post-2000s changes like digitalization, geopolitical shifts, and the need for sustainable and resilient economies.
- Key focus areas include giving "adequate weight" to innovation, efficiency, resilience, investment intensity, sustainability, and defense/security considerations in merger evaluations.

2. Telecoms Industry's Stake in Consolidation

- European telcos have long lobbied for easier mergers, arguing consolidation is critical to achieve scale for investments in 5G, 6G, and digital infrastructure—essential to compete globally against U.S. and Asian rivals.
- This aligns with recommendations from former Italian Prime Minister Mario Draghi's report, which called for shifting from ex ante regulation (preventing mergers) to ex post regulation (punishing anti-competitive practices post-merger), alongside harmonizing rules on spectrum and cybersecurity.

3. Lobbying and Industry Engagement

- In 2024, telecom leaders like Ericsson's Börje Ekholm and Nokia's Pekka Lundmark met with EU Commissioner Henna Virkkunen at the "New Industrial Ambition for Europe" summit in Brussels, highlighting the investment gap between Europe and other regions.
- The European Competitive Telecommunications Association (Ecta) also pressed the EU to relax merger rules to enable "much-needed consolidation."

4. Consultation Details and Key Themes

- The EU released seven thematic papers covering topics like competitiveness, market power, innovation, decarbonization, and defense, seeking public input on how to integrate these into merger reviews.
- Executive Vice President Teresa Ribera emphasized the need to "ensure merger control serves innovation and Europe's resilience," inviting feedback from businesses and consumers.

5. Implications and Challenges

- A more lenient framework could accelerate telecom mergers (e.g., reducing the number of national operators from 4 to 3), boosting investment but risking reduced competition.
- The EU must balance pro-growth policies with preventing monopolies. For example, past cases like Orange-MásMóvil (2024) showed conditional approvals with spectrum-sharing commitments.
- Globally, the move reflects Europe's strategy to counter U.S. and Chinese tech dominance by fostering consolidated, innovation-driven industries.

GTI Summit 2025 (Barcelona)

The GTI Summit 2025, with the theme of **"5G-A × AI"**, was held on March 4 in Barcelona. It has attracted over one thousand insightful leaders, innovators and creators from operators, vendors and verticals to share inspiring views, explore more on how 5G-A × AI shaping future connectivity, as well as unlock more potential opportunities for greater value-creation and cooperation. At the summit, 5G-A × AI Report was released and a Campaign Launch was also held to accelerate the commercialization of 5G-A × AI.

Keynote Takeaway

Craig Ehrlich, GTI Chairman

GTI was founded in 2011 with the initial mission of TD-LTE and LTE FDD integration, which was accomplished within 5 years. Then there was a discussion about whether to disband, but many companies supported continuing the work, leading to version 2.0 and 3.0. The organization had light governance to stay flexible. After 14 years, with the organization's growth, they decided to focus on governance and proposed changes for feedback.

Mats Granryd, Former GSMA Director General

In the face of rapid communication technolo18gy change and significant revenue pressure, the telecom industry should expand 5G coverage, identify new business opportunities, and optimize spectrum management, emphasizing API-driven business models and long-term spectrum resource guarantees for sustainable development. Global regulators should reduce spectrum fees and operator taxes to support rapid 5G deployment and ease monetization pressures.

He Biao, China Mobile CEO

Promoting the deep integration of 5G-A and AI is a global project needing joint efforts from the industrial community. First, We should promote cutting-edge technologies like 5G-A, 6G, and AI, and speed up the formulation of global unified standards to boost their integration and mutual empowerment. Second, we should develop new AI+ products for various fields and explore new scenarios such as low-altitude transportation, to enable 5G-A × AI to empower numerous industries. Third, we need to advance platform collaboration and ecosystem prosperity.

Carl R. Cruz CEO Elect, Globe Telecom

The telecom industry, blending tech and FMCG traits, has driven the 5G penetration rate in the Philippines from 1% to 15% via AI, achieving phased operational efficiency and revenue growth. Covering 7,100 islands, it sustains social trust through inclusive finance (GCash) and anti-fraud measures. Collaborating with the government and peers (PSAC, Smart), it overcomes geographic isolation via localized innovation (learning from Singtel without replication) to build a sustainable tech-inclusive ecosystem supporting the nation's digital goals.

Gao Tongqing Chairman, GTI

Partner with 100 global entities (enterprises, research bodies, startups) to spur 5G-A+AI innovation. Launch 100 APIs for tech sharing and ecosystem building, collaborating with GSMA on Open Gateway standards. Deploy 100 benchmark 5G-A+AI projects across smart cities, industry, healthcare, etc. Roll out solutions to 100 global cities, driving digital transformation and value creation.

Ali Taha Koç CEO, Turkcell

AI is propelling global industries from "digital transformation" to "intelligent transformation," anchored in a "fully connected society" with "human-machine symbiosis," requiring solutions for technical synergy (5G-A and AI mutual empowerment, e.g., 30% traffic efficiency via dynamic allocation, Turkcell's 40% complaint reduction), ethical governance (transparency standards for AI decisions, e.g., Room X's federated data balancing fairness), and business model reconstruction (expanding to "machine clients" via self-optimizing ecosystems like Jet Eye and human-centric services like XR/real-time translation).

Akash Palkhiwala CFO & COO, Qualcomm

Driven by "connectivity + AI," Qualcomm's three-layer strategy fuses edge intelligence and wireless tech: integrating 5G-A, Snapdragon, and Hexagon AI for edge inference (70% local privacy, <10ms latency, 5x SMS AI); embedding AI in 5G-A for 40% network efficiency (dynamic spectrum) and hybrid AI for 1ms V2X/autonomous driving; and defining AI-native 6G for self-optimizing networks, with 30+ labs targeting 10,000x energy efficiency by 2030.

GTI 5G-AxAI 100 Commercial Campaign

To accelerate the integration and commercialization of 5G-Advanced (5G-A) and Artificial Intelligence (AI) technologies, the GTI is proud to launch "5G-AxAI 100 Commercial Campaign", aiming to cooperate with global operators and industry partners to achieve the following goals within the next 2-3 years

Engage 100+ Partners:

Collaborate with leading enterprises, research institutions, and innovative startups worldwide to drive innovative applications of 5G-A and AI.

Open 100+ APIs:

Foster technology sharing and ecosystem co-construction by opening 100+ APIs, accelerating the integration and innovation of 5G-A and AI technologies.

Develop 100+ Lighthouse Projects:

Implement 100+ exemplary 5G-A and AI integrated application projects globally, spanning smart cities, industrial internet, healthcare, and more.

Expand to 100+ Commercial Markets:

Facilitate commercialization 5G-A and AI technologies in 100 markets worldwide, promoting digital transformation and value creation.

Panel: 5G-A and AI Integrated Innovation Application Cases and New Business Models





Lee seok young Vice President, Mobile AI LGU+

"AI Reconstruction of Communication Essence" strategy upgrades traditional voice services via device-side AI (STT, NLP) and privacy computing, solving pre-call, in-call, and post-call pain points with a "perception - decision - sedimentation" system.

Magnus Frodigh Vice President, Head of Ericsson Research

AI and AR integration reshapes human - computer interaction, requiring networks to evolve into computing platforms. A "perception - decision - action" closed - loop ecosystem drives society towards value creation.

Mikael Rylander, Vice President, Head of Technology Leadership Nokia Global

The "Network Cloud Continuum" reconstructs the ICT industry's value creation paradigm. With "cloud - defined networks and network - carried intelligence", it focuses on edge computing, multi - cloud interoperability, and network cloudification for a future architecture where computing and intelligence adapt to demands.

Muhammad Adeel Israr, Chief Technology and Information Officer, Smart Axiata

AI helps build a triangular value loop of "energy - efficiency optimization, intelligent O&M, and manpower efficiency improvement" for 5G, addressing high power consumption, low traffic growth, and 4G/5G coexistence.

GTI Breakthroughs and Achievements in 2024

5G

GTI White Paper on IMT System Operating in 6GHz Band Coexistence with Incumbents
This white paper will investigate the coexistence of IMT and existing 6GHz band services, such as FSS/FS, by exploring the models, parameters and technologies based on ITU-R agreement, and timely carry out the relevant simulation to verify the theoretical analysis.

GTI AI-Based Autonomous Security Protection System White Paper
This white paper aims to pave an innovative path for next-generation communication network security protection, providing theoretical guidance for building network security and laying foundation for deepening and expansion of AI technology in diversified application scenarios.

GTI 5G-A Wireless Network Intelligence Evaluation System White Paper
This white paper introduces "1-4-1" architecture, a pioneering framework for evaluating how intelligent a 5G-A wireless network is, and provides evaluation systems for typical scenarios that outshine traditional indicator-based systems.

GTI Metrics and Test Methods Towards AI Device White Paper
This white paper aims to promote the formation of objective and unified AI device evaluation indicators for industry, propose an evaluation system for intelligence capability of 5G-A devices, and provide evaluation scheme examples based on typical applications in some industries.

5G ENS

GTI Passive IoT Typical Scenarios White Paper
This white paper focuses on typical application scenarios of passive IoT, categorizes scenarios based on the characteristics and capability requirements of the full life cycle of the marking object, and elaborates business pain points of each scenario.

GTI Advanced Sensing Technology White Paper
This white paper proposes the advanced sensing technology trends of "Five New and Four Integration", focusing on new mechanisms, new materials, new processes, new structures and new algorithms of sensing frontier technologies, and technical directions of sensor technology.

GTI Orchestration Framework for Secure Access Service Edge (SASE) White Paper
This white paper proposes a solution to achieve the integration of network and security orchestration in the building of SASE orchestration framework, which includes a reference framework diagram, an overview of the main functional modules, and a process description.

GTI 5G-A Ambient Power-enabled IoT Positioning Technology White Paper
This white paper starts with typical positioning application scenarios of 6G AIoT, analyzes end-to-end key technologies for AIoT positioning, introduces practical cases of positioning, and provides references and guidelines for the industry to explore 6G AIoT applications.

Joint Report

GTI Report - 5G-A x AI: New Era, New Opportunities, New Value
This report focuses on business models and value expansions of 5G in three markets: Individual, Household, and Industrial. It analyzes new opportunities and values brought by the collaborative development between 5G-A and AI.

Scan to *download*

GTI Milestone (1/2)

2011

Kick-off of GTI by China Mobile, SoftBank, Vodafone and other operators

2012

Release of world's first TDD/FDD Multimode chips

2013

Release of world's first MMMB smart phone

2014

World's first TD-LTE VoLTE phone call was made

2015

Release of 5-Mode Low Cost Device Solutions

2015

Release of Native RCS Devices

2016

Launch of **GTI 2.0** by China Mobile, Bharti Airtel, KT, SoftBank and Vodafone to promote 5G development and cross-industry innovation

2016

Release of HPUE on Band 41 to promote Massive MIMO commercialization and improve systematic performance

2018

Release of GTI 5G S-Module Industrial Cooperation Plan to promote wide application of 5G devices and expand the scale of application

2018

Joint release of ***5G in China-the Enterprise Story*** by China Mobile, GTI and GSMA

GTI Milestone (2/2)

2019

Debut of 5G 2.6GHz End-to-end Products to accelerate maturity of 2.6GHz industry chain and promote 5G commercial process

2020

Release of ***Supportive Policies for a Sustainable Mobile Industry in the 5G Era*** with GSMA to promote sustainable mobile industry

Release of GTI 5G Global Device Initiative to promote maturity of multi-mode, multi-band and multi-form devices

2021

Unveil the joint "2.3GHz Band Industry Statement" to promote efficient use of TDD 2.3GHz spectrum and accelerate commercial launch by global operators

2023

GTI 3.0 was launched to promote continued global cooperation, accelerate 5G-A tech and products, foster integration of DICT, and empower 5G monetization to create greater value

2023

Release of ***Unleashing New Value with New 5G Technology***, to develop and strengthen 5G industry, and stimulate 5G-enabled economic and social transformation

2024

Release of ***GTI Report – 5G-A × AI: New Era, New Opportunities, New Value*** to promote full potential of 5G A², and create a much broader value space for the entire industry

Launch of GTI ***5G-A ×AI Development Program*** to promote integration of 5G and AI in technology, business, ecology, and commerce, and two-way empowerment

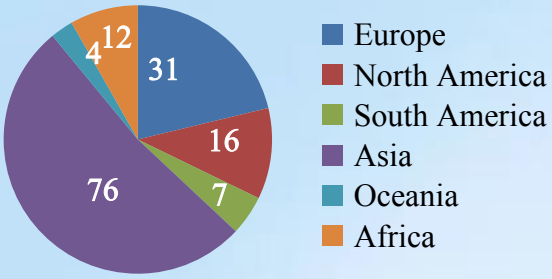
2024

GTI and GSMA signed cooperation agreement on 5G-A × AI to jointly explore potential collaboration opportunities and drive innovative integration in 5G-A and AI.

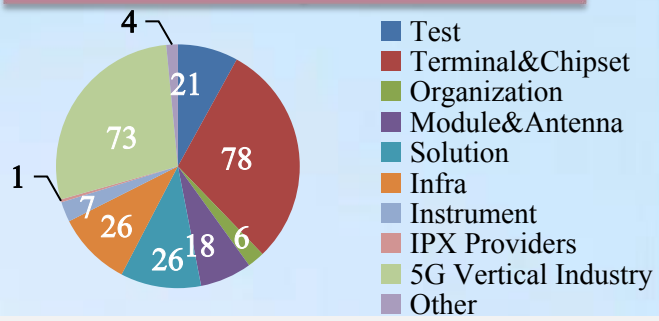
GTI Members Updates and 5G-A × AI Development Program

147 Operators and 272 Industry Partners Joined GTI

147 Operators



272 Industry Partners



International Cooperation

GSMA · ITU · 3GPP A GLOBAL INITIATIVE · NGMN · GCF Global Certification Forum · 5GAA Automotive Association · 5G ACIA · KHRONOS GROUP

GTI 5G-A × AI Development Program

Objectives **Build industry consensus, gather industry taskforce, and promote integrated innovation of 5G and AI, support digital intelligence in economy and society, and create new revenue space for industrial development**

➢ 3 Core Tasks

Build Open Labs: Building open labs around the world, which helps conduct technical tests for verification;

Build an Open Collaborative Innovation Community : Establishing an open platform for knowledge sharing and supply & demand matching;

Explore Innovative Use Cases: Providing 5G and AI integration solutions to promote commerical applications.

➢ 4 Technical Projects

Network Intelligence
Improving the wireless and core network capabilities with AI intelligence

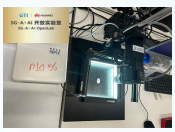
Digtal Twin Network Intelligence
Building a network digital twin that reflects the real network state

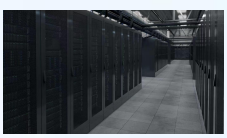
Application Intelligence
Building an AI-based open new calling ecosystem

Sustainable Intelligence
Exploring intelligent ways to promote the sustainable development of 5G systems

➢ Latest Progress

- **GTI 5G-A×AI Open-Lab**
  - **GTI-China Mobile OpenLab (Beijing)**
  - **GTI-Huawei OpenLab (Shanghai)**
  - **GTI-ZTE OpenLab (Shanghai)**
  - **GTI-Ericsson OpenLab (Stockholm)**
  - **GTI-Intel OpenLab (Chandler (U.S.), New Mexico, Beijing, Taipei, Penang)**






- **Innovation Community**
  - **The New Calling Challenge**
    Opened in October 2024
    Winners to be announced: June 2025
  - **Wireless Network Intelligence Challenge**
    Opened in November 2024
    Winners to be announced: September 2025

If you are interested in this program, please Click Here to register.

GTI Upcoming Events

GTI Summit (Shanghai) 2025

The GTI Summit . Shanghai 2025, with the theme of "Envisioning the FutureFrom 5G-A to 6G'" is set to take place at MWc Shanghai, which will be aninvaluable opportunity to not only explore strategies, technologies and business models that will redefine and shape the future industries and societies, but alsobring together the world's leading insightful leaders, innovators and creators fromoperators, vendors and verticals to discuss more on the path from 5G-A to 6G.share thoughts on 6G scenarios and new applications that will transform industries and daily life, as well as bring a more connected, intelligent, and immersive digital future.

Time: 15:00-17:40,June 18,2025 (Local Time, UTC+8)

Venue: Grand Shanghai Ballroom Room 2+3, Kerry Hotel Pudong, China

If you would like to attend this summit in-person and request a MWCPass, please Click Here to fill out the Registration Form and send it back to GTISecretariat (admin@gtigroup.org) by June 17, 2025.

GTI Forum 2025: Inclusive AI Powered by Intelligent Network

The GTI Forum 2025, with the theme "Inclusive AI Powered by IntelligentNetwork" will take place at AI for Good Global Summit 2025 in Geneva, Switzerland. The forum will bring together insightful leaders and experts from organizations, global operators, industry partners, universities and research institutions to share views on the integration of network and AI, the cutting-edge theories, technologies and innovative applications, explore the inclusive useof AI in various industries such as manufacturing, agriculture, healthcare and education, as well as discuss the development trends in the era of digital intelligence and their impactful role in achieving the UN SDGs.

Date: 14:00-16:30, July 10,2025 (Local Time, UTC+1)

Venue: Room T, Palexpo International Exhibition and Convention Center, Geneva

The way on how to register the GTI Forum will be open soon, please stay tuned

Welcome to Join GTI 3.0

*GTI is an international platform for industry cooperation. It was kicked off in 2011 by China Mobile, SoftBank, Vodafone and other operators. After years of joint efforts, GTI has developed **147** operator members and **272** industry partners. In 2016, GTI 2.0 was officially launched, aiming to further promote 4G evolution, 5G development and cross-industry innovation. In 2023, GTI 3.0 was launched to promote continued global cooperation, accelerate 5G-A tech and products, foster integration of DICT, and empower 5G monetization to create greater value.*

How to Join GTI

Join as GTI Operators

1. Click Here to download and fill out the Application Form, then return it to GTI Secretariat: admin@gtigroup.org;

2. Sign the GTI Letter of Intent (LOI) documents and mail the signed hard copies to GTI Secretariat;

3. Once the participation process finishes, a GTI website account and associated password will be assigned to the new participant.

Join as GTI Partners (GTI Partner Forum)

1. Click Here and fill out the Application Form, then return it to GTI Secretariat: admin@gtigroup.org;

2. Sign the Declaration Form and return the signed hard copy to GTI Secretariat;

3. Once the participation process finishes, a GTI website account and associated password will be assigned to the new participant.

CONTACT GTI:

If you have any questions, comments, and suggestions regarding 5G/5G-A or general enquiries regarding GTI, please contact: **admin@gtigroup.org**

Welcome to Join GTI 3.0

Continued Global Cooperation on 5G-ADVi
Toward Greater Commercial Success

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