IT & Telecom Technology Industry News

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Our monthly industry roundup highlights key advancements in network technology, mobile, AI, cybersecurity, and cloud innovation, including Nokia's mission to deploy the first cellular network on the Moon and new AI-powered security solutions. We also cover strategic partnerships, acquisitions, and technological breakthroughs shaping the future of enterprise and communications.

The month's top industry news stories are summarized below. To view current breaking news in real-time, visit *Pipeline*'s [News Center](#), follow *Pipeline* on [social media](#), or [subscribe](#) to receive our weekly industry enterprise and communications technology news summary.

Network and Mobile News

Nokia and Intuitive Machines announced the successful final integration of Nokia's Lunar Surface Communication System into the IM-2 mission lander, named Athena. Athena and the LSCS will voyage to the lunar south pole region in the upcoming IM-2 mission, where Nokia and Intuitive Machines intend to deploy [the first cellular network on the Moon](#). Nokia also shared that they are partnering on network APIs to support [StarHub's mission](#) to create new revenue opportunities for its customers and monetize its network assets. The companies will work together to help developers create 5G and 4G applications like device status and quality of service on demand for banking, finance, ports, and other enterprise verticals.

The State of Florida is investing in [critical connectivity](#) for public safety with FirstNet, by acquiring 50 mobile cell sites that they can self-deploy to boost connectivity during emergencies. Nokia and stc Group have successfully concluded the first-ever [1Tbps long haul field trial](#) in the Middle East and Africa regions. Rohde & Schwarz collaborated with Telia to drive [mobile network excellence in Norway](#), even in challenging environments shaped by Norway's unique geography. The Wireless Broadband Alliance released an introductory report on [6G's potential](#)

transformative role titled, "6G - WBA Vision Statement." The statement calls for greater collaboration between all stakeholders if 6G is to deliver on its promise, and details five key vision points for 6G, to achieve ubiquitous connectivity that comprises Wi-Fi, cellular, non-terrestrial networks, IoT LPWANs, and other wireless technologies at its core.

ZTE has successfully collaborated with Bitel, one of the Peru's top mobile network operators. This partnership aims to strengthen Peru's digital infrastructure and accelerate the delivery of advanced telecommunications services nationwide. Telxius has upgraded its Global Carrier Ethernet service with flexible bandwidth options for businesses in the Americas and Europe. The service enables enterprises and service providers to maximize their investments with more bandwidth flexibility when connecting to key global hubs and cloud service providers. DE-CIX reached a record-breaking milestone in the amount of global data traffic being exchanged at its locations in 2024. Ericsson, Telstra, and MediaTek have set a new benchmark in 5G connectivity by reaching a peak downlink speed of 9.4 Gbps on its live commercial 5G Standalone network. In the lab, Telstra drove the needle even higher, surpassing the 10 Gbps downlink speed threshold in a mobile network using a non-commercial setup.

Anritsu released enhanced software functions for its Signal Analyzers MS2830A/MS2840A/MS2850A. These enhancements enable the analyzers to extend the spectrum measurement frequency range to encompass the millimeter-wave band by connecting VDI or Eravant external mixers. Cerillion signed a major new contract with Ucom, one of the leading telecommunications providers in Armenia. Cerillion will implement its pre-integrated BSS/OSS suite as the digital foundation to power-up Ucom's quadruple-play services portfolio and enable the next phase of growth. Vocus launched 400G terrestrial intercapital services spanning Australia between the east and west coasts.

AI & Analytics News

McAfee launched AI-powered McAfee Scam Detector, the most comprehensive protection against text, email, and video scams. Smart Eye released AIS+, the latest evolution of its award-winning safety system for small-volume OEMs and aftermarket installation in vehicle fleets. Designed to improve driver safety, AIS+ introduces two game-changing features: real-time vibration alerts and secure video recording. NVIDIA has also made a contribution to AI in the automotive space with NVIDIA Cosmos, a platform comprising state-of-the-art generative world foundation models, advanced tokenizers, guardrails and an accelerated video processing pipeline built to advance the development of physical AI systems such as autonomous vehicles and robots.

Salesforce shared two AI-powered innovations for retailers: Agentforce for Retail and Retail Cloud with Modern POS, helping store associates, customer service representatives, and digital merchants boost productivity and sales, while delivering more personalized shopping experiences. Ericsson launched its generative AI-based NetCloud Assistant. This next generation of ANA is a virtual expert designed to further simplify enterprise 5G network administration. Cisco AI Defense was unveiled, a pioneering solution to enable and safeguard AI transformation within enterprises.

Microsoft got on the right side of AI ethics by going live with an AI for Good Open Call, a program that will award $5 million in grants and the opportunity to collaborate with Microsoft's leading

AI scientists. Organizations are invited to leverage the power of artificial intelligence to address pressing social and scientific challenges in Washington state.

Security & Assurance News

NTT DATA achieved the Amazon Web Services Security Incident Response Specialization. This Specialization recognizes that NTT DATA is validated for providing a streamlined incident response solution, backed by AWS security response experts through AWS Security Incident Response. Keysight launched AppFusion, a network visibility partner program that integrates third-party security and monitoring solutions directly into its network packet brokers. Cognizant and CrowdStrike formed a strategic partnership to drive enterprise security transformation by delivering cybersecurity services, powered by the AI-native CrowdStrike Falcon cybersecurity platform.

Palo Alto Networks is working with IBM and the UK Home Office's Emergency Services Mobile Communications Programme, to develop solutions for User Services for the Emergency Services Network. The company has also released a Quantum Random Number Generator Open API framework, empowering organizations to prepare for future quantum security threats. The framework, developed in partnership with six innovators across the QRNG field, addresses the need for multi-vendor interoperability across the industry and enables organizations to invest in and build QRNG-based systems that are resilient regardless of the underlying technology or company.

HP released its latest Threat Insights Report, highlighting how threat actors are using malware kits and generative artificial intelligence to improve the efficiency of their attacks. Such tools are reducing the time and skill needed to create attack components, enabling attackers to focus on experimenting with techniques to bypass detection and trick victims into infecting their endpoints, such as embedding malicious code inside images. Nokia has been selected by global Internet Exchange Point, the London Internet Exchange, to deliver advanced network protection capabilities against the latest and future generations of DDoS threats and attacks.

Cloud News

Ericsson have been selected by Three UK to build its next generation cloud-native core network, which will be the largest in Europe, more than tripling its core capacity to 9 terabits per second. IBM and SAP will soon release RISE with SAP on IBM Power Virtual Server, designed to help make it the fastest and easiest path for IBM Power customers to accelerate their ERP transformation. Oracle updated their Xstore Point of Service. The cloud application has been redesigned on a new architecture and features an intuitive user interface and workflows that fuel efficiency and support connected retail journeys for retailers of all sizes.

The Cloud Security Alliance and Whistic formed a strategic partnership to further the responsible and secure development, use, and management of artificial intelligence technologies. A key element of the partnership will be Whistic's participation and support of the CSA AI Safety Initiative, with a specific focus on the development of an AI-extension to STAR certification and the Compliance Automation Revolution, which will be unveiled later this month.

Roku launched [Roku Data Cloud](), which allows partners to access, analyze, and leverage Roku's proprietary TV data seamlessly. As investments in TV streaming media continue to grow, so does the need for enhanced accountability, and Roku Data Cloud makes planning, optimization, and measurement more transparent.

IoT and Innovation News

IonQ announced a [breakthrough]() that demonstrates a new approach to scalable quantum computing, resulting from a collaboration with Oak Ridge National Laboratory. The powerhouse of quantum also formed a landmark partnership with the University of Maryland and the State of Maryland with the aim to establish Maryland as the ["silicon valley" of the quantum computing industry](). The proposed initiative will aim to fuel the growing quantum economy of the U.S. capitol region, provide access to IonQ's cutting-edge quantum technology, and dramatically strengthen Maryland's workforce with new quantum-focused jobs.

monoZ and 1NCE have joined forces to simplify IoT deployments on a global scale. As a certified integration partner for 1NCE, one of the [fastest growing companies in IoT](), monoZ can now offer enterprise and SMB companies a streamlined, efficient and rapidly-scalable IoT deployment process. VIAVI contributed to [NASA's Europa Clipper mission](). Leveraging its decades of leadership in precision thin film optical coatings for mission-critical space applications, VIAVI supplied a precision order sorting filter for the Mapping Imaging Spectrometer for Europa on the Europa Clipper spacecraft.

Market News

Vodafone [completed the sale]() of its Italian operations to Swisscom for 8.0 billion Euros in cash. Nokia concluded the sale of [Alcatel Submarine Networks]() to the French State, represented by the Agence des participations de l'Etat. IonQ completed its acquisition of substantially all of the assets of [Qubitekk](), a prominent quantum networking company.

Keysight have signed a [virtual power purchase agreement]() with Southern Power, a leading U.S. wholesale energy provider and subsidiary of Southern Company, to acquire renewable energy credits produced by a 39 megawatt portion of the Phase III expansion at the Millers Branch Solar Facility. ServiceNow has signed an agreement to acquire [Cuein](), a leader in AI native conversation data analysis and insights.

IBM shared its intent to acquire Applications Software Technology LLC, a [global Oracle consultancy](). Applications Software Technology brings deep expertise driving business transformations with Oracle Cloud Applications, including for clients in the public sector such as local government and K-12 education.