Technology Industry News

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This month, our Pipeline news team has been searching for industry innovations in line with our issue theme of Innovation, as well as a variety of other exciting news from the technology industry. Liqid has developed the largest composable supercomputer to power the US Department of Defense, while NTT announced its successful orbital angular momentum (OAM) multiplexing high-capacity wireless transmission—the world's first. Meanwhile, Chia Network joins SpaceKnow to use blockchain for database development within the agro tech industry. And in robotics, Universal Robots and Denali, a top developer of collaborative robots, partner to offer top automation designs to customers. This month's top industry news stories are highlighted below. To view current breaking news, visit Pipeline's News Center or subscribe to receive our telecom industry news summary.

Innovation News

In innovation news, RedHat and ETAS are collaborating to accelerate cloud and application-independent software and analytics developments to accelerate time to market in the vehicle industry. Similarly, NXP and TSMC jointly released the first automotive embedded MRAM (Magnetic Random Access Memory) in 16nm FinFET technology to accelerate the rollout of new features, over-the-air (OTA) updates, and minimize production bottlenecks for car manufacturers. Meanwhile in Australia and New Zealand, Itron seeks to transform water utilities through AMI and integrated analytics. Bayana and Al Yah Satellite Communications Company are working together to build national satellite remote sensing and Earth Observation (EO)

capabilities within the UAE, hoping to target business opportunities across local and global EO markets. IonQ and FCAT are pushing quantum computing further through a scalable design to enable quantum computing applications to Monte Carlo methods. PsiQuantum and SkyWater are also working to expand the field by developing silicon photonic chips, which will play a critical part in the future of quantum computing systems. Salesforce is releasing Slack GPT, a conversational AI experience integration with Slack that will provide various language models and the ability to access secure customer data insights from Customer 360 and Data Cloud. A team of ex-Google, ex-Meta, and ex-AWS AI experts have created NinjaTech AI, a generative AI company devoted to building out the first real next-generation personal assistant since Siri to help working professionals optimize their administrative tasks. GeoTechnologies has created an AI-powered platform using H20.ai that identifies dangerous spots in the sidewalks and roads to add safety information to map data and minimize traffic accidents.

IoT News

In IoT news, Laird is partnering with Iridium Communications on the integration of low-powered sensors with the self-charging Iridium Edge Solar to deliver wireless connectivity for remote IoT operations. Additionally, Laird has announced the Canvas Device Manager to provide more effective IoT portfolio device management. Vodafone has launched DAB, a standalone business to further the advancement of the Economy of Things by enabling vehicles, devices, and machines to interact with each other securely without the need for human intervention. Sequans Communications released Taurus 5G NR as the first chipset platform designed for 5G broadband IoT devices, lowering costs for application support. WISekey and FOSSA announce launch of new satellites to expand an 80-satellite constellation that provides global and real-time IoT connectivity for industrial applications. For the gaming industry, Wearable Devices has achieved a seamless integration with Realwear and Nreal glasses for a natural way to control and operate devices that's more intuitive. Wearable Devices is also developing AI-powered touchless sensing wearables to enable gesture-based controlling for mobile gaming.

AI and Analytics News

IBM sets the tone for AI and Analytics News by announcing a new platform to help enterprises scale and improve AI impact via trustworthy data, while Klarity upgrades to the GenAI-based platform in order to deliver seamless workflow automations, integrating business data across the board. Adobe revealed Generative Fill in Photoshop, the world's first AI co-pilot in creative workflows, which will allow users to change content non-destructively through simple text prompts. TSUBAME 4.0, a next-generation supercomputer, will accelerate AI-driven scientific discovery across medical, materials science, climate research, and urban turbulence studies. Airgap Networks announced the debut of ThreatGPT, which will improve security team insight and productivity. And in the medical field, Hippocratic AI made its appearance as the first safety-focused AI model for medical professionals.

5G and Network News

In network news, key players T-Mobile, Nokia, and Qualcomm achieved uplink speeds over 200 Mbps in a 5G data call—the highest uplink speeds ever reached. In addition, Nokia and Chunghwa Telecom discovered that 25G PON is capable for small cell fronthaul. NETGEAR launches the Nighthawk M6 Pro 5G WIFI 6E Hotspot Router (MR6550), delivering ultra-fast Internet speeds and increased connectivity, which will be highly portable and will reach remote business sites. Inmarsat will launch three new I-8 small satellites in 2026 to provide crucial safety services and support advances in emergency tracking. Windstream announced its next-generation 400G wave services, offering point-to-point connections within multiple regional sites.Infinera and Sumitomo Electric have developed and revealed the first point-to-multipoint transceiver technology to help network operators keep up with 5G, high-speed broadband growth, cloud-based services, and data center interconnectivity.

Cloud News

In cloud news, Barracuda Networks announced a new SASE solution, SecureEdge, to secure hybrid and remote work across users, sites, and IoT devices. Lightbend's new Akka 23.05 helps businesses expand cloud-native applications across data centers while maintaining top performance, consistency, and reliability regardless of whether it is multi-region, multi-cloud, hybrid cloud, or on-premise. Lemongrass has enhanced its Lemongrass Cloud Platform (LCP) using multi-cloud data management and DevOps capabilities, providing enhanced agility for users while cutting costs.Cloudflare and Kyndryl announced an expanded strategic partnership to help enterprises modernize and grow their corporate networks with managed WAN-as-a-Service and Cloudflare Zero Trust.

Security News

In security news, AT&T and Trinity Cyber have jointly developed a Secure Internet Gateway, a novel, commercially managed cybersecurity system for the U.S. Air Force. Edgecore Networks and Wedge Networks are teaming up to offer customers a next-generation range of optimized Security-as-a-Service (SECaaS) features seamlessly integrated into their networks. Radware Bot Manager's advancements provide protection for both iOS and Android devices via new identity algorithms that allow organizations to defend themselves against distributed and targeted bot attacks. Aqua Security's new real-time CSPM pinpoints threats that evade agentless detection and dramatically reduces noise to allow practitioners to more efficiently identify, prioritize, and address top priority cloud risks in a way that saves time and money. BlackBerry Limited and Solutions Granted announced an extended partnership in order to provide improved cybersecurity services for small and medium-sized businesses (SMBs).

Market & Leaderboard News

Finally, in market and leaderboard news, Viasat and Inmarsat announce that the U.S. Federal Communications Commission (FCC) and the UK's Competition & Markets Authority (CMA) have approved Viasat's acquisition of Inmarsat. Cogent Communications announced the finalization of its acquisition of T-Mobile's Wireline Business, which was formerly called Sprint GMG. NEC Corporation has agreed to sell its Wireless Transport Business to Aviat Networks.

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