IT and Telecom Technology Industry News

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As we enter Q4, tech companies around the world are fighting for first place to share the most innovative stories before the year closes out. At *Pipeline* we have sourced the most exciting stories ranging from surprising acquisitions to revolutionary moves in AI.

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

Orange Liberia and ZTE announced the successful completion of a project to build new communication sites, called **RuralPilot EcoSites**, across Liberia, significantly enhancing network coverage in rural areas. Arelion and Ciena successfully completed the world's first **1.6 terabits-per-second wavelengths data transmission** in a live network field trial. NEC will launch a new system using biometric authentication technology that is capable of **quickly authenticating largenumbers of people** at one time, even while they are in motion. The system is expected to accelerate admission and reduce congestion for busy events and infrastructure. NEC will begin providing the system globally in September 2024, initially focusing on Japan, the United States, and Singapore. EE launched the UK's newest mobile network, 5G standalone, **across fifteen major UK cities**.

Tishomingo Connect, a subsidiary of Tishomingo County Electric Power Association, has deployed Adtran's Mosaic One SaaS solution to enhance rural broadband access. Leveraging Adtran's full suite of fiber-to-the-premises and home networking technologies, Tishomingo Connect is ensuring that more households and businesses can benefit from its broadband service. Huawei and partners National and Kapodistrian University of Athens, and the start-up PROBOTEK, have successfully tested a forest fire prevention system in Greece. ZTE announced it has successfully passed the Common Criteria EAL4+ certification for its 5G RAN solution. This certificate, issued by TrustCB, represents the highest level of CC standard certification in the realm of wireless products.

Keysight released the InfiniiVision HD3 Series, a 14-bit analog-to-digital converter oscilloscope, delivering four times the signal resolution and half the noise floor of other general-purpose oscilloscopes. Newly designed and built from ground up with a custom application-specific integrated circuit and deep memory architecture, the HD3 Series enables engineers to quickly detect and fix signal issues in a variety of applications. SummitIG and Neutral Networks formed a joint venture, SierraIG, a pure-play dark fiber infrastructure provider in Mexico, committed to building purpose-built and underground dense fiber infrastructure in key data center markets throughout the country, starting with the Queretaro and Monterrey markets. EXFO released two new field test solutions that make EXFO-quality testing accessible to all technicians supporting today's expansive FTTH deployments. EXFO's FIP-200 Connector CheckerTM ensures trouble-free broadband activation in one click, while the AXS-120 mini-Optical Time Domain Reflectometer improves field testing of last mile FTTH access networks.

Cyta has chosen Netcracker to deliver a **full-stack IT deployment** as part of its large-scale digital transformation ageNDA. AST SpaceMobile **successfully launched its first five commercial satellites**, called BlueBirds, from Cape Canaveral, Florida. VIAVI introduced a **new optical connector inspection solution** for next-generation transceivers. Its FVAM-2000 is the latest addition to the company's bench-top microscopy line. Spirent announced significant enhancements to its **Octobox Wi-Fi testing solutions**, designed to address the evolving needs of Internet Service Providers and equipment manufacturers. Northrop Grumman has successfully demonstrated the MQ-4C Triton navigation system's ability to operate at high latitudes, **deep within the Arctic Circle**, delivering on its commitment to provide critical intelligence, surveillance, reconnaissance, and targeting capabilities in the High North.

AI & Analytics News

CBTS launched a new offering encompassing **advanced generative AI professional services** capable of redefining enterprise workplace dynamics and accelerating the adoption of Copilot for Microsoft 365. Salesforce released **Industries AI**, a set of foundational, pre-built, and customizable AI capabilities that tackle industry-specific needs and challenges to help customers start delivering value quickly. ZTE and Smartfren have successfully implemented a commercial deployment of **Native-AI-based RAN Computing**, achieving a 15 percent improvement in user experience and a 5 percent increase in network traffic. Alation formed a partnership with Salesforce to deliver trusted, governed data across the enterprise, providing a bidirectional integration that seamlessly delivers data governance and end-to-end lineage within Salesforce Data Cloud, enabling organizations to harness the power of metadata for faster, more confident decision-making while **maximizing the impact of their AI initiatives**. Jabra launched Jabra ClearSpeech, an AI-driven solution to **remove unwanted noise** for a better and clearer audio experience for contact center professionals. The quality of the audio experience is paramount to contact centers, and this innovative technology provides an AI-driven solution to mitigate distracting noise, enhancing speech on calls. Vonage is collaborating with SAP SE to **explore generative AI** and next-generation technology use cases using Vonage's Application Programming Interface platform and SAP Business AI. IBM has expanded its consulting services and solutions to help clients derive greater value from Oracle's cloud applications and technology and extend generative AI with an open, orchestrated approach. ServiceNow shared new AI powered, purpose built industry solutions in its Now Platform Xanadu release. The expansion of Now Assist into industry solutions for telecom, media, and technology, financial services, the public sector, and more allows organizations to recognize the value of GenAI, fast.

BlackRock, Global Infrastructure Partners, Microsoft, and MGX formed the Global AI Infrastructure Investment Partnership to make investments in new and expanded data centers to meet growing demand for computing power, as well as energy infrastructure to create new sources of power for these facilities. These infrastructure investments will focus chiefly in the United States fueling AI

innovation and economic growth, and the remainder will be invested in U.S. partner countries.

Parloa launched its AI Agent Management Platform. Bolstered by a $66 Million Series B investment led by Altimeter Capital, Parloa has just released its **industry-first generative AI-powered platform** for contact centers. AMP has the power to go beyond today's scripted conversation flows, with fully dynamic and autonomous agents. VIAVI announced VIAVI Automation Management and Orchestration System, an intelligent **automation platform** that incorporates AI/ML capabilities to enable wireless and cloud service providers, network equipment manufacturers and their ecosystems to reduce operational expenses and accelerate time-to-market. IBM released a new AI foundation model for a variety of weather and climate use cases, available in open source to the scientific, developer, and business communities. **Developed by IBM and NASA**, with contributions from Oak Ridge National Laboratory, the model offers a flexible, scalable way to address a variety of challenges related to short-term weather as well as long-term climate projection. Hitachi Rail is integrating **NVIDIA AI technology** to lower maintenance costs for rail operators, reduce train idling tim,e and improve transit reliability for passengers.

IoT and Innovation News

Ericsson joined the Mobile Satellite Services Association, an industry initiative aimed at progressing **Direct-to-Device and IoT services** through space-based networks. This effort brings together an ecosystem of Non-Terrestrial Network providers with the goal of extending mobile coverage globally. Ericsson also launched **two innovative routers**, the Ericsson Cradlepoint R980 and S400, designed to provide enterprises with seamless, secure, and scalable connectivity for enabling AI, computer vision, data analysis, and other advanced applications across IoT environments and vehicle networks. Huawei unveiled its **TruSense System** to the world. This innovation-driven system marks another milestone in bringing accurate, science-based health & fitness tech to users.

Indosat and Huawei finalized a **large core network consolidation project in Jakarta**. The completion of this work represents a milestone in their extensive cooperation and further propels Indosat's advancement and innovation in mobile communication technologies. Jitterbit announced the next era of integration, orchestration, automation, and application development with its unified AI-infused, low-code **Harmony platform**. Jitterbit Harmony future-proofs operations, simplifies complexity and drives innovation for organizations globally. Fortinet opened a new **Innovation Hub** in downtown Chicago. This is the latest Fortinet-owned facility to open this year and is part of the company's global expansion strategy to foster innovation and enhance collaboration for Fortinet's customers, partners, employees, and other key stakeholders. CrowdStrike shared new innovations that unify security and IT to stop breaches on the **CrowdStrike Falcon cybersecurity platform**. The single-agent, cloud- and AI-native Falcon platform consolidates point products to eliminate complexity and deliver better security outcomes.

Security & Assurance News

Radware signed a managed security service provider agreement with Cirion Technologies. Based on the agreement, Cirion Technologies, a more than 30-year veteran and leading provider of digital infrastructure, plans to invest in Radware's industry-leading Cloud DDoS Protection Service and offer it to customers across Latin America. The MSSP agreement represents an expansion of an existing channel relationship between Radware and Cirion. One of the world's most respected government defense ministries has awarded BIO-key over $500K in new orders for BIO-key's biometric user authentication solution, pursuant to a three-year purchasing agreement. CrowdStrike expanded their partnership with 1Password to simplify security for 150,000 customers, with a focus on small and midsize businesses. Through an easy-to-use bundle, customers of 1Password Extended Access

Management can now access the enterprise-grade protection they need to stop ransomware and data breaches with CrowdStrike Falcon Go. NL-ix deployed Nokia

Deepfield Defender across NL-ix's network, making it the [biggest anti-DDoS solution](#) for an internet exchange point environment rolled out across Europe to better protect customers and operations by stopping DDoS attacks. Keysight's device security research lab, Riscure Security Solutions, successfully worked with Autotalks to test the security of a [vehicle-to-everything communication solution](#) under the Common Criteria certification program. This achievement marks the first V2X chip set with an embedded hardware security module to receive Common Criteria certification.

CrowdStrike launched its second annual [Cybersecurity Startup Accelerator](#) with Amazon Web Services. NVIDIA is also supporting the Accelerator program, powering the next generation of artificial intelligence and cloud security startups. Targeting cybersecurity's next market-defining disruptors across the U.S. and EMEA, AWS and CrowdStrike with NVIDIA through its Inception program, will provide mentorship, technical expertise, funding and go-to-market opportunities.

Cloud News

ETSI Open Source MANO community announced **[OSM Release SIXTEEN](#)**, a Long-Term-Support release of ETSI OSM, which becomes the most innovative and feature-packed release shipped by OSM to date. Dryad Networks released its third-generation Silvanet border and mesh gateways, which include new features for optimal ultra-early **[wildfire detection and forest management](#)**. IBM will acquire Accelalpha, a global Oracle services provider with deep expertise helping clients digitize core business operations and accelerate adoption of **[Oracle Cloud Applications](#)**. This acquisition expands IBM's Oracle consulting expertise in supply chain and logistics, finance, enterprise performance management and customer transformation.

CrowdStrike unveiled AI Security Posture Management and the general availability of Data Security Posture Management as fully integrated components of CrowdStrike Falcon Cloud Security. These innovations make **[Falcon Cloud Security](#)** the only CNAPP to deliver comprehensive visibility and protection across cloud infrastructure, applications, data and AI models from a single, unified platform. Rizz Wireless has chosen the **[Amdocs connectX](#)** cloud-native SaaS platform to support its new digital offering that enables subscribers to enjoy uninterrupted US local connectivity while traveling internationally.

Market News

SAP has successfully completed its **[acquisition of WalkMe](#)** a leading digital adoption platform company listed on the Nasdaq Global Select Market. WalkMe's innovative technology enables seamless workflow execution across business software applications, improving user experience and adoption and supporting business transformation. Gilat Satellite Networks wholly owned US-based subsidiary, DataPath Inc, received contracts in support of the **[US Department of Defense](#)** for core terminal related services, technology insertion and upgrades to systems, cumulatively worth over $5 million. Munters and ZutaCore will integrate Munters SyCool systems with ZutaCore's advanced 2-phase liquid cooling technology. The aim is to tackle the challenges of managing **[AI-generated heat](#)** more efficiently and sustainably. The result will be a system that optimizes performance, from chip level dissipation to all parts of the heat rejection cycle. It also eliminates the risks associated with potential water leakage.

A newly released Juniper Research study predicts that **[communications services](#)**, such as rich media messaging and conversational AI, will represent 32 percent of operator revenue from network

application programming interfaces by 2027. ServiceNow shared plans to accelerate digital experiences for **nonprofit organizations** by expanding access to technology, knowledge, and opportunity. The company showcased its refreshed commitment to a better world during the United Nations General Assembly in New York, where it is also sponsoring activities and organizations, including the Concordia Annual Summit and the Diana Award, Goals House, the Devex Summit, the World Climate Summit, and the Global Africa Initiative.

Ericsson and Concordia are expanding their existing partnership, entering into a **10-year agreement** focused on advancing research and education in Information and Communications Technology. This new and innovative agreement builds on a longstanding research engagement, beginning in 2011, that has resulted in numerous technological initiatives, breakthroughs, and programs in network technology. Palo Alto Network completed the acquisition of IBM's QRadar Software as a Service assets. This transaction underscores Palo Alto Network's and IBM's commitment to secure customers with best-in-class threat prevention, **addressing ever-expanding attack surfaces,** with the complete platform approach that is required to simplify security operations.