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Enterprise & Telecom Technology Industry News

By: [Pipeline Magazine](#)

Trending industry news shows artificial intelligence moving decisively from pilot projects into production operations across telecom and the enterprise. Vendors focused on the trust, governance, and cost controls needed to scale AI safely, while operators pushed AI-RAN and agentic automation from the lab into live networks. Satellite connectivity gained ground as a mainstream extension of terrestrial networks, subsea and optical capacity expanded to keep pace with AI and cloud traffic, and security providers countered a new wave of AI-powered fraud. Meanwhile, sovereign AI emerged as a recurring theme, and analysts released a steady stream of forecasts pointing to strong growth in private networks, communications platforms, and data center infrastructure.



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 enterprise and communications technology news summary.

AI News

The AI News segment made clear that enterprise AI is shifting from experimentation to operational discipline, with vendors racing to address trust, governance, and cost. [Red Hat](#) released Red Hat AI 3.5, adding safety and observability capabilities that include EvalHub for model verification and comprehensive dashboards for real-time insight as organizations scale AI workloads. Taking aim at what it calls the biggest barrier to enterprise AI adoption—confidence—[Cisco](#) introduced new Splunk innovations that let customers scale AI safely and cost-efficiently wherever their data resides. These include an expanded partnership with NVIDIA to bring self-managed AI to on-premises environments, new Tokenomics solutions for real-time visibility into AI spending and agent usage, and a multi-year agreement with AWS to co-develop security solutions. Cisco also released [new research with Omdia](#) showing that 95% of organizations say their current AIOps tools can't keep pace with rising network complexity. The result is a rapid move to AgenticOps, with more than half of enterprises already deploying agentic AI systems that actively manage production environments. On the application side,

[Salesforce and NVIDIA](#) unveiled Koa, the first CRM reasoning model for Agentforce. Powered by NVIDIA Nemotron and drawing on 27 years of Salesforce CRM intelligence, Koa helps agents navigate complex, multistep enterprise workflows within Salesforce's trust boundary while matching or exceeding leading models with fewer errors.

For network operators, AI moved deeper into the radio access network. [Nokia](#) reported growing global momentum for AI-RAN, with operators across North America, Europe, Asia-Pacific, and the Middle East advancing from early evaluation to lab and live field trials alongside partners such as NVIDIA. The platform has already delivered spectral efficiency improvements of more than 20%, underscoring how quickly AI-RAN is moving from industry vision toward commercial reality on the road to AI-native 6G. [Ericsson and Vodafone Egypt](#) announced the commercial deployment of Ericsson's AI-powered RAN Processor 6672, which enables AI-native operations directly at the radio site with up to four times higher processing capacity and more than 50 percent lower energy use, preparing Vodafone Egypt's network for 5G Advanced. Nokia also [extended its partnership with Microsoft](#) to build an agentic, unified data foundation for telecom providers. By integrating Nokia Data Suite with Microsoft Fabric, operators can access high-quality, trusted data in minutes and scale autonomous, AI-driven operations across multi-vendor, cross-domain environments.

AI-driven observability also gained traction. [Unryo](#) delivered agentic observability for telecom through TM Forum Open APIs, with AI that correlates multi-vendor network alarms into diagnosed, root-cause incidents. The solution uses TMF642 for inbound alarm management and TMF724 for outbound incidents, while TMF915 keeps Unryo's AI agents governable and auditable to support regulatory compliance and operator control. In broadband, [Harmonic](#) launched cOS SensAI, a vendor-agnostic intelligence fabric that unifies network data from diverse sources into actionable insights, helping providers manage operations proactively, improve subscriber experiences, and lower costs. Analysys Mason estimates the market for SensAI at \$2.2 billion.

AI also extended into field operations and vertical industries. [Nokia](#) introduced Cognitive Operations, a platform that combines mission-critical communications, accelerated edge computing, and operational AI for sectors such as mining, public safety, and defense, where operational failure is not an option. It provides real-time insights, 3D digital twins, video analytics, and predictive maintenance to boost resilience and reduce downtime. [Amazon Web Services](#) launched Agentic Grid Planning on AWS, giving utilities access to AWS-managed AI agents that streamline data preparation and analysis for complex interconnection studies. [ZaiNar](#) joined the Arm Total Design for Physical AI ecosystem as a founding location partner, optimizing its algorithms and signal processing for Arm-based compute to turn existing wireless networks into sensors that give robots and autonomous machines shared, real-time location awareness. And for small and medium-sized businesses, [Deutsche Telekom](#) launched Voice AI Notes Mobile, which automatically summarizes phone calls using Mistral Small 4. Available from October 5, 2026, the sovereign European service processes data in European data centers and does not use customer data for model training; it is set to evolve into Voice AI Actions by 2027, automating tasks based on call outcomes.

Mobile & Networks News

Mobile & Networks news spanned 5G core modernization, in-building coverage, fixed access, satellite, and subsea capacity. [Ericsson and VodafoneThree](#) activated VodafoneThree's upgraded cloud-native 5G Core, part of a SEK 12.5 billion partnership. Built on Ericsson's dual-mode 5G Core, it forms one of Europe's largest mobile packet cores with 9 Tbps of capacity and lays the foundation for network slicing and differentiated connectivity for 28.6 million UK customers. To help operators and enterprises get hands-on with emerging capabilities, [Nokia](#) launched Mobile Core Early Access, an industry-first live hosted environment for exploring and validating the latest mobile core use cases in the AI era. In China, [ZTE and China Mobile Jiangsu](#) deployed a 5G-Advanced Agentic E2E solution at

the Donghai Crystal Livestreaming Hub, delivering multi-fold uplink rate improvements and zero buffering for livestreamers—and a 14% year-on-year increase in local crystal e-commerce sales.

Indoor connectivity saw new options as well. [Antevia Networks and Ontix](#) demonstrated public MNO and private 5G running simultaneously over the same radio access network using Ontix's Nexus MOCN gateway, improving economics for building owners and operators by eliminating separate radio deployments. [SOLiD](#) signed a distribution partnership with North American reseller Alliance Corporation to expand availability of its BARS platform for multi-carrier indoor coverage in small to mid-sized "Middleprise" buildings. On the test front, [Rohde & Schwarz and Microwave Factory](#) enabled fast, fully automated SAR measurements on 5G NR and LTE devices by integrating MWF's MATEOS software with SPEAG's cSAR3D vector array system and the CMX500 one-box signaling tester. Regulators weighed in too, as FCC Chairman Brendan Carr [announced votes](#) on proposals to unlock more than 1,000 MHz in the 12 GHz and 42 GHz bands for satellite broadband and to modernize Ultra-Wideband rules to enable new IoT and AI-enabled sensing applications.

In fixed networks, [ZTE and Antel](#) completed Latin America's first validation of symmetric 50G PON at Antel Summit 2026, showcasing a three-generation convergence solution that lets GPON, 10G PON, and 50G PON coexist. [Empire Fiber Internet](#) launched its 100% fiber network in Berwick, Pennsylvania, backed by a \$1.4 million local investment that brings symmetrical speeds to more than 2,800 homes and businesses. [Bell](#) launched Bell On-Demand Network, Canada's first Network-as-a-Service platform. Built on Bell's fibre network, powered by Cisco infrastructure, and aligned with Mplify's seven NaaS customer experience attributes, it launches with On-Demand Internet in Ontario and Quebec. Interconnection continued to grow: [AzerTelecom and DE-CIX](#) launched AZE-IX, Azerbaijan's first neutral Internet Exchange, which keeps local traffic in-country, supports NEQSOL Holding's Digital Silk Way corridor between Europe and Asia, and marks DE-CIX's entry into Western and Central Asia. [DE-CIX Frankfurt](#) also reached a record 20 terabits per second, while its global network surpassed 30 terabits per second during UEFA Europa League matches—a 140 percent traffic increase since 2020 driven by streaming, cloud, gaming, and AI.

Satellite connectivity was a major thread this month. [AT&T Business](#) integrated Amazon Leo satellite broadband, becoming the first U.S. telecom provider to extend its fiber and 5G architecture this way and giving enterprise and public sector clients resilient, fully managed connectivity through a single platform. [Orange and Telesat](#) commissioned Europe's first Telesat Lightspeed Gateway at Orange's Bercenay-en-Othe teleport in France, a key ground station for the next-generation LEO constellation. [Eutelsat Network Solutions and G&S SatCom](#) launched an Online Management Tool that digitizes planning, provisioning, and management of government OneWeb LEO services, while [ST Engineering iDirect](#) powered Datacom with its cloud-native Intuition ground system, enabling multi-orbit services across Asia-Pacific with a bring-your-own-hardware architecture that avoids vendor lock-in. [AccelerComm](#) was selected for a European Space Agency-funded program to move full 5G base station functionality onboard LEO satellites, delivering a regenerative 5G NTN gNodeB demonstrator at Technology Readiness Level 5. In defense, [Gilat DataPath](#) secured an order exceeding \$32 million from the U.S. Department of War for multi-band DKET Systems supporting mission-critical communications across Ku, Ka, and X-band networks.

Subsea capacity rounded out the section. [Ciena](#) is upgrading the 17,000 km Africa Coast to Europe cable system with WaveLogic 6 Extreme to deliver more than 30 Tb/s for over 500 million people, and FLAG has deployed Ciena's Waveserver with WL6e on its ECHO cable to enable 400GbE and 800GbE services between Asia and North America, scaling subsea infrastructure for AI, cloud, and enterprise traffic.

Security and Assurance News

Security and Assurance news centered on AI-powered fraud, sovereign security operations, and preparation for the quantum era. [Mobileum](#) partnered with Apate, an AI-powered scam disruption platform whose conversational AI engages scammers directly, gathering real-time intelligence and disrupting fraud before it reaches customers—shifting CSPs from reactive to intelligence-driven prevention. [Mavenir](#) launched NetAIShield, a multi-layered, AI-native fraud protection framework that correlates network telemetry, subscriber behavior, and threat indicators in real time and extends protection to individual subscribers through a personal AI assistant. [Mutare](#) added Custom Rules to its voice security for Webex Calling, giving administrators tailored inbound call screening for critical endpoints such as reception and executive lines. At the network edge, [ESpanix](#), Spain's largest internet exchange point, deployed Nokia Deepfield Defender and now offers an optional DDoS protection service to more than 200 connected national and international networks.

Protecting data in the agentic era was another focus. [F-Secure and AMD Silo AI](#) demonstrated an approach that combines F-Secure Trust technology with AMD Silo AI's model routing, dynamically deciding where data is processed and which model handles it based on sensitivity, cost, and capability to protect consumers as AI agents act on their behalf. In Canada, [Bell and Cohere](#) deployed a domain-specific cybersecurity large language model within Bell Cyber's Autonomous Security Operations Centre. Running on Bell AI Fabric infrastructure, the model accelerates threat investigations while keeping AI processing and sensitive data in a Canadian-hosted environment. Looking ahead to quantum threats, [Oracle](#) released Java 27, which advances post-quantum cryptography with hybrid key exchange for TLS 1.3, and [Qunnect](#) released new research on quantum security applications beyond encryption keys, along with collaborations with DARPA, In-Q-Tel, AFRL, NIST, and DOE to protect critical communications against quantum threats and AI-powered impersonation.

Investment in security capacity continued as well. [Fortinet](#) opened a company-owned Innovation Hub in New York City, a 40,000-square-foot facility representing more than \$60 million in investment that triples its previous NYC office, and followed with a [\\$30 million Cybersecurity Innovation Hub](#) in downtown Calgary to advance innovation, education, and customer engagement across Canada. [Nokia Defense and C3IA](#) signed an MoU to accelerate the digital transformation of UK Defense operations, combining Nokia's connectivity expertise with C3IA's systems engineering and security services for tactical communications, C2, and edge computing. Finally, [Telenor](#) disclosed that it has been informed of an investigation and charges relating to suspected breaches of the Sanctions Act and complicity in crimes against humanity, stemming from the Telenor Group's former operations in Myanmar. The company stated that its employees faced severe risks if military orders were not followed and that it is cooperating fully with authorities.

Cloud News

In the Cloud segment, providers expanded the infrastructure and control points that AI and enterprise workloads depend on. [Spark Wholesale](#) is launching a new Data Centre Interconnect service in New Zealand that uses Ciena's WaveLogic 6 Extreme technology to enable connections of up to 800G across Auckland, laying a foundation for the country's growing cloud and AI ecosystem. [Mavenir and Neysa](#) formed a strategic partnership to deliver AI-native GPU infrastructure for operators, enterprises, and neoclouds, integrating Mavenir's AI orchestration with Neysa's AI cloud platform to provide a sovereign, production-ready path to build, deploy, and monetize AI. [365 Data Centers and Megaport](#) expanded their partnership into nine new markets, bringing Megaport Points-of-Presence to 15 365 Data Centers facilities nationwide for on-demand access to major public cloud providers. Addressing data residency, [Ericsson](#) launched NetCloud Private, which provides cellular lifecycle management within customer-controlled environments so that government agencies and critical

infrastructure operators can manage their Wireless WAN infrastructure while meeting strict regulatory requirements.

IoT News

IoT news highlighted satellite-backed coverage, simpler multi-carrier management, and secure onboarding at scale. [Deutsche Telekom IoT](#) partnered with Iridium to add its global LEO satellite network to Deutsche Telekom IoT's multi-orbit roaming portfolio, providing 24/7 satellite IoT connectivity for standard 5G devices when terrestrial coverage is unavailable. In a live demonstration with Toyota, a voice message was sent from a vehicle equipped with a Nordic Semiconductor board and Deutsche Telekom IoT SIM over Iridium NTN Direct, with commercial availability for eligible customers expected in Q4 2026. [Granite Telecommunications](#) launched SIM360, a multi-carrier platform for IoT and fixed wireless deployments that places carrier-direct profiles from all three major U.S. wireless providers on a single SIM. Developed with Thales on the GSMA SGP.32 eSIM architecture, it lets customers remotely manage carrier selection and activation and provides automated multi-carrier failover. In the Nordics, [Netmore Group and Cibicom](#), Denmark's largest LoRaWAN operator, partnered on unified Nordic LoRaWAN roaming, with Cibicom replacing its network server with Netmore's ThingPark Platform to support cross-border transport, logistics, and environmental monitoring applications. And the [Wireless Broadband Alliance](#), with the FIDO Alliance, published an OpenRoaming for IoT Trials Report validating a standards-based approach that combines OpenRoaming, Passpoint, and FIDO Device Onboard so factory-provisioned Wi-Fi IoT devices can automatically connect and securely transfer ownership at first power-on.

Innovation News

Innovation news ranged from AI infrastructure and sustainability to record-setting transmission and new ways to deliver services. [Tech Mahindra](#) launched its Zero Gravity Telco Architecture, a framework to help CSPs overcome the "Legacy Gravity" that impedes AI ambitions by simplifying technology estates, centralizing business rules, and establishing trusted foundations for autonomous operations. [NVIDIA](#) is working with Australian cloud and AI infrastructure partners to target up to a 2-gigawatt buildout of NVIDIA DSX AI factories by 2027, expanding access to accelerated computing and Nemotron open models for startups, universities, and enterprises building regional AI. Powering that kind of infrastructure, [DIMAAG and Toshiba International Corporation](#) are integrating Toshiba's SCiB LTO battery with DIMAAG's active-flow, immersion-cooled battery architecture as part of the ZettaWatt Power Platform, supporting continuous 10C charge and discharge cycling over ten years for load smoothing, grid ride-through, and backup power.

Sustainability featured in several announcements. [Oracle](#) committed up to \$1 million to fund carbon capture and sequestration research at its Project Jupiter site and across New Mexico, aiming to capture carbon dioxide from Bloom Energy fuel cells, establish permanent storage pathways, and develop a viable commercial model. [Ericsson and Beyon](#) extended their sustainability MoU after an initial two-year collaboration that delivered up to a 30 percent reduction in network energy consumption and the responsible recycling of 54 metric tons of e-waste.

Optical and transport networks set new benchmarks. [Telstra and Ciena](#) transmitted 1.6 Tb/s over 1,100 km on a live production network between Melbourne and Sydney, a world first achieved using WaveLogic 6 Extreme and L-band spectrum. [Nokia and Orange France](#) completed the world's first live service provider network tomography trial, using Nokia Bell Labs algorithms to give near real-time visibility into the health and performance of Orange France's optical transport network. [XKL](#) enhanced its MediaLight products for AI and high-performance computing workloads, providing sub-5µs optical transport for data center interconnects to prevent latency and GPU idle time across regional compute clusters. In Peru, [ZTE](#) deployed its CoMP SD solution to achieve a 110-kilometer microwave link in the

Amazon with 99.999% availability while reducing hardware requirements and capital expenditure.

Several firsts pointed to new service possibilities. [T-Mobile and Jio](#) announced the world's first 5G Standalone roaming connection, made possible by Syniverse's global mediation platform. [Vodafone and Ericsson](#) demonstrated real-time noise cancellation and language translation running directly within the mobile network, integrating Vodafone's AI platform with Ericsson's core so the features work on any mobile phone without specialized apps. [SoftBank and Sceye](#) completed a world-first laser ranging demonstration in which SoftBank's ground team continuously tracked Sceye's stratospheric platform, advancing free-space optical communications between ground, stratosphere, and space. And [BT Business and British Transport Police](#) launched the UK's first national routine Beyond Visual Line of Sight drone operations, using BT's Drone SIM and EE's mobile network to deliver real-time intelligence for faster, safer responses to incidents across Britain's rail network.

CX/DX News

In CX/DX, [Netcracker and C Spire](#) deepened their long-term partnership by integrating agentic AI into C Spire's revenue management and customer experience operations, aiming to further automate customer interactions, enhance digital bill presentment, and reduce operating expenses. [Kapwork](#) introduced Growth Suite, a free platform that helps small businesses find infrastructure work and access capital. It includes a tracker for the \$42.45 billion federal BEAD broadband program and free invoice certification that verifies receivables and matches businesses with credit providers, with trackers for data center fit-outs and federal contract awards to follow.

Market News

Finally, the Market section featured a wave of forecasts, research, and deal activity. Juniper Research projected that [global spend on private LTE and 5G networks](#) will reach \$84.7 billion in 2031, a nearly 400% increase from 2026, driven by the connectivity needs of scaling AI systems, and named Nokia, Huawei, Samsung, HPE, and Ericsson as leading vendors. Juniper also forecast that [omnichannel payment platform revenue](#) will grow 57 percent to \$108 billion by 2031, ranking Stripe, Worldpay, PayPal, Square, and Adyen as top platforms. [Aragon Research](#) unveiled the Intelligent Communications Experience market, which unifies UC and contact center platforms with human employees and AI agents and is forecast to reach \$251.83 billion by 2031, with endorsements from Intermedia, Mitel, RingCentral, and Vonage. [MarketsandMarkets](#) expects the data center energy storage systems market to grow from \$5.17 billion in 2026 to \$10.48 billion by 2032, and [Market Research Future](#) projected that the Visible Light Communication market will reach \$130.19 billion by 2035, growing at a 37.5 percent CAGR on smart city and LED lighting deployments.

Access and consumer research added further perspective. [Dell'Oro Group](#) reported that global broadband access equipment revenue fell 3% to \$4.5 billion in 2Q 2026, even as North American PON spending rose 26% year over year and residential Wi-Fi 7 router shipments grew 62%. The [GSA FWA Forum](#)'s annual survey forecast double-digit growth in fixed wireless access CPE shipments by the end of 2026, with 5G devices expected to make up nearly 70% of shipments and North America leading at 28%. The [Mobile Ecosystem Forum](#) found that Europeans spent US\$14 billion on carrier billing in 2025, more than 10% of the region's digital goods and services revenue, with subscription bundling growing twice as fast. [Ericsson ConsumerLab](#)'s "An agentic life" report predicted that agentic AI will transform network traffic by 2030, finding that 38 percent of smartphone users expect to use agentic AI for daily tasks. Striking a note of caution, the [GSMA](#) warned of an emerging AI divide, as more than 3.4 billion people remain offline despite mobile broadband coverage and rising component costs fueled by AI infrastructure demand push entry-level smartphones out of reach.

On the deal front, Grain Management completed the combination of Ritter Communications and Great

Plains Communications to form [Rightfiber](#), which serves more than 400 communities across 20 states with over 300,000 FTTH passings and has secured a \$1.6 billion credit facility for growth. [Trimble](#) acquired Terasat Japan, expanding its centimeter-level VRS positioning services across Japan for geospatial, construction, automotive, and agriculture customers. And [Lightera](#) announced a major capital investment in submarine optical fiber manufacturing in Denmark and the United States that will nearly triple capacity by 2029, positioning the company for AI-driven subsea demand and the commercialization of multicore fiber.

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