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Enterprise & Telecom Technology Industry News

By: Pipeline Magazine



This month's industry news was defined by the build-out of AI infrastructure and the race to make it sovereign, secure and governable. Operators and vendors pushed fiber, satellite direct-to-device connectivity and early 6G forward, enterprises moved from AI pilots toward autonomous agents, security teams worked to put guardrails around those agents, and an active deal market reshuffled spectrum, fiber, communications and data center assets. Catch up on all the latest headlines from this month's news below. Across every segment, the same pattern repeated: AI demand is reshaping what networks, data centers and security stacks must deliver, and the companies that can pair capacity with trust, control and local ownership are winning the biggest commitments.

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.

Mobile & Networks News

Fiber and transport investment led the connectivity headlines. AT&T and Corning announced a multi-year, $3 billion fiber and cable supply agreement that supports AT&T's goal of connecting 60 million Americans by 2030 while strengthening the domestic supply chain. Kinetic partnered with STL Optical Connectivity NA to deploy the CONCAT solution, branded Kinetic QuickConnect, to simplify and accelerate aerial and buried fiber builds across an 18-state footprint. FirstLight extended its fiber network to a key western Pennsylvania site for hyperscale and neocloud operators, using 31 miles of new construction along an established corridor to speed site readiness, and ROHL Gateway Fiber announced a major investment in dark fiber across Western Canada, with physically separate routes and lit 400G wavelength services on a Ciena optical platform.

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Long-haul and subsea projects also advanced. In Australia, Telstra expanded its Aura Network with a Perth-Sydney route that adds capacity and route diversity between major cloud and data hubs. Arelion and Nokia completed a live trial on a 500-kilometer Amsterdam-London route, using Nokia's Super C/L open line system and 400G/800G ZR+ optics to expand usable optical spectrum by 21 percent for AI workloads. In Europe, Orange Business was selected as trusted network partner for TESTA-EIRIS, delivering a secure, isolated backbone for public administrations across EU Member States, while Orange, Equitix and MDM formed a joint venture to build the Pisces subsea cable, a 3,125 km, 16-fiber-pair system connecting Ireland, France, Spain and Portugal, with deployment expected in 2028.

Satellite and spectrum news was equally busy. The FCC adopted a Satellite Spectrum Abundance Order opening more than 1,000 megahertz in the 12 GHz and 42 GHz bands and exploring additional Ku-, Ka- and D-band spectrum. AT&T, T-Mobile and Verizon formed a joint venture, led by interim CEO Paul Roth, to expand satellite-enabled connectivity and nearly eliminate U.S. mobile dead zones. TELUS and AST SpaceMobile completed their first satellite-to-smartphone integration test covering data, voice and text, with customer availability expected within a year. ICEYE and Nokia will develop sovereign low Earth orbit broadband systems for governments and defense customers, with first launches planned for 2028, and Xoople selected Kongsberg Satellite Services' KSATlite ground-segment-as-a-service to run the ground network for its constellation.

Internet exchange traffic kept climbing. DE-CIX Frankfurt reached a new peak of 21.47 Tbps just 25 days after passing 20 Tbps, helped by UEFA Champions League streaming, and global traffic across DE-CIX exchanges topped 32.10 Tbps. DE-CIX Chicago crossed 1 Tbps as traffic grew almost 300% in 12 months, and DE-CIX New York interconnected the Hub Express System, a subterranean telecom corridor, to give New England networks a cheaper path around traditional carrier hotels. DE-CIX and Cabo Verde Telecom also plan a South Atlantic interconnection corridor linking Lisbon and Sao Paulo via Cape Verde to reduce reliance on traditional traffic hubs. Taken together, the traffic records and new corridors show how streaming, cloud and AI workloads are pulling interconnection closer to where users and data centers sit.

On the radio side, Verizon and Ericsson completed the first pre-standard 6G field call in the 7 GHz band from a commercial network site in California, moving 6G from the lab into a real-world environment. Aglocell reported that its AI-powered SpectraMax software delivered a 4.1% capacity gain across 60-plus sites for a Tier-1 U.S. carrier, adding one terabyte of daily throughput and avoiding $2.6 million in hardware costs. ZTE and Comsol strengthened their partnership to bring 5G and network AI to South African home broadband, Telit Cinterion and Commstar Radio teamed up to offer multi-network SIM connectivity to utilities and local governments, and Calnex and VIAVI expanded their partnership so teams can recreate real-world network conditions before deployment. The common thread was proving performance early, whether in the field, in live trials or in the lab, before capital is committed at scale.

AI News

Sovereign AI was the dominant theme. MeetKai announced a six-country rollout of its NVIDIA-built sovereign AI stack, reaching more than 700 million people across Brazil, Ukraine, Pakistan, Kazakhstan, Uzbekistan and Bangladesh, including Ukraine's first national-scale AI factory. Bell and Cisco signed an MOU on sovereign AI infrastructure so Canadian organizations can run sensitive workloads with strict security and local resilience. Singtel's RE:AI partnered with the Singapore Institute of Technology and the NVIDIA AI Technology Centre to speed enterprise deployments and strengthen Singapore's applied AI talent pipeline, while Sweden celebrated the launch of Sferical One, a sovereign NVIDIA DGX SuperPOD supercomputer that provides secure in-country capacity. The pattern is consistent: nations want the full AI stack, from infrastructure to models, to stay under local

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control, and operators are positioned as the natural builders and hosts.

Governments and hyperscalers also put money behind AI research and infrastructure. NVIDIA committed $1 billion over five years to U.S. science and super intelligence R&D, targeting quantum computing, healthcare, energy security and national labs in support of the Genesis Mission, and AWS pledged up to $50 million in cloud credits over three years to the expanded Genesis Mission through its Golden Age of Science Accelerator. Ericsson's CTO report on the path to an intelligent fabric argued that collaboration is crucial, with programmable, intelligent and autonomous networks meeting AI at scale. Huawei unveiled an AI-native core network architecture designed to manage an estimated 900 billion AI agents by 2035, and Oracle and Yucca Growth Infrastructure refined the Project Jupiter microgrid proposal to cut permitted emissions by 35% in response to regulator and public feedback. Power, permitting and community acceptance are increasingly part of the AI infrastructure story, not an afterthought.

Enterprise AI moved toward governed autonomy. Oracle announced Fusion Claw, a governed agentic execution runtime that combines AI reasoning with deterministic computation and powers 25 new applications, and separately applied agentic AI to financial crime investigations with Nexus Case Flow and Nexus Reach, helping institutions automate workflows while keeping humans in control. IFS launched IFS Intelligence to turn live operational data into insights that users can request in plain language, and AT&T began working with OpenAI on responsible, human-led legal workflows. DE-CIX released an open-source Model Context Protocol server so customers can discover, order and manage connectivity services with AI agents using natural language.

Governance and trust remained front of mind. An IBM study of 1,500 CFOs found that 62% say their role has expanded into technology or AI strategy leadership, and 56% expect to help design financial and ethical guardrails for AI by 2030. Veeam made Intelligent ResOps for Microsoft 365 generally available, giving customers visibility into how AI agents interact with data while cutting redundant storage, and Lean SuperIntelligence closed its pre-seed round and launched self-improving, air-gapped cybersecurity models, LSI-Offense-1 and LSI-Defense-1.

Security & Assurance News

Securing AI agents was the focus of this month's security announcements. NVIDIA launched the Open Agent Safety Platform, an open software and reference design for governance from agent testing to deployment, and pledged a $250 million compute donation over five years to UK agentic safety and security research. IBM research found that 80% of EMEA executives saw AI-related incidents reach their board or C-suite, yet fewer than half have updated their AI governance policies. AXON Networks introduced AXON Datum, billed as the first data governance and AI sovereignty layer for telecoms, and Akeyless achieved FedRAMP High certification for its identity platform, which governs AI-agent access to systems. Marvell, Microsoft and Oracle formed an Open Compute Project working group to standardize an integrated hardware security module, with an initial draft due in October 2026, and Credence Research forecast the threat intelligence market will reach USD 24.1 billion by 2032, a 19.52% CAGR.

Operators and partners expanded managed defenses. Deutsche Telekom and Cloudflare partnered to strengthen digital infrastructure security for European enterprises through direct network interconnection. BT and Microsoft launched a Security Operations Centre-as-a-Service for Microsoft Sentinel to counter AI-powered threats, and BT's Global Fabric platform now integrates Security Service Edge offerings from Cisco, Fortinet, Netskope and Zscaler. Contrivian created Contrivian Government Solutions for federal and defense connectivity, including post-quantum security, Gilat DataPath won more than $8 million in U.S. Department of War orders for SATCOM upgrades and field services, and the U.S. Army selected VIAVI's T/Rx transceiver system for range modernization

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supporting drone and counter-drone development.

Human and fraud risks stayed in focus. SentiLink reported that identity theft hit a record 6.12 percent of financial applications in the first half of 2026, with fraudsters targeting home equity and retirement accounts. Kaseya's report found human error is the top cyber concern for 68% of IT and security professionals, while 77% of IT departments feel under-resourced. ISC2 formed an Academic Advisory Council to align cybersecurity education with industry needs, and SonicWall launched SOCtoberfest for Cybersecurity Awareness Month, with new research and guidance on building daily habits of active protection. Together, the announcements suggest that as agents gain autonomy, identity, data governance and human behavior are becoming the decisive security layers.

Cloud News

Cloud news centered on managed services and regulated workloads. Oracle and NetApp announced a fully managed storage service that brings NetApp ONTAP capabilities natively to Oracle Cloud Infrastructure, aimed at simplifying migration and management of databases, enterprise applications and AI data pipelines. BT and UBS are rolling out one of the first live cloud-native trader voice platforms on Microsoft Azure, consolidating 20 trading systems into a single standardized global solution across 17 countries. Both deals show regulated, latency-sensitive businesses moving critical workloads to managed cloud platforms with governance built in.

IoT and Innovation News

Connectivity hardware advanced for IoT and AI. Iridium and Altair Semiconductor are integrating Iridium NTN Direct into Altair's ALT1350 and ALT1550 chipsets, combining terrestrial cellular and satellite connectivity on one chip for asset tracking, metering and telematics. U Mobile and ZTE proved a portable, fully off-grid 5G site powered by solar energy with satellite backhaul to reach underserved communities, and Gateworks introduced the GW16170 Wi-Fi HaLow module, which delivers up to +27.5 dBm transmit power to extend industrial IoT range and reliability.

In broadband and AI networking, Nokia introduced a flexible 50G/25G/10G PON line card on its Lightspan OLT platform with quantum security and redundancy. NVIDIA and Cisco unveiled Ultra-Dense Small Form Factor Pluggable optics at 400Gb/s per lane, promising four times the bandwidth density and 1.3 times the power efficiency of current optics for AI factories. At Network X 2026, Gemtek unveiled an AI-native Wi-Fi 8 gateway built with Qualcomm and gFiber, which will be the first operator to deploy it, with commercial launch targeted for 2027. The month's hardware launches point to a future in which edge intelligence, higher-density optics and multi-gigabit access are designed together for AI-era traffic.

CX/DX News

Customer experience stories tied network quality to trust. T-Mobile added new AI-powered intelligence and resilience to its 5G network, while an Arelion report found that 58% of enterprise leaders have delayed or scaled back strategic initiatives because of trust in network providers, and only 15% fully trust providers to resolve serious issues quickly. Nokia deployed Deepfield Cloud Intelligence across Zain KSA's network in more than 100 Saudi cities for real-time visibility and faster troubleshooting, and VIVA Bolivia adopted the Totogi Ontology to evaluate network investments by revenue and rank every site by the revenue it generates. For operators, the message is that data-driven visibility and provider transparency are now central to winning enterprise confidence.

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OSS/BSS News

OSS/BSS vendors leaned into agents and orchestration. Beyond Now launched an agentic revenue and ecosystem orchestration platform that lets CSPs create, sell and monetize their own, partner and AI-powered services, and ORO Labs partnered with SAP to offer procurement orchestration as an SAP Ariba extension with low-code workflows and agentic AI. Work4Flow and LogicMonitor added agent-to-agent capabilities that bring Edwin AI into ServiceNow incidents, and Connectbase announced that Bouygues Telecom Wholesale is adopting its Mplify API adaptor to automate quote data exchange.

Platform and testing launches rounded out the segment. Yeastar introduced NovoOne, an AI-native, Kubernetes-based multi-tenant communications platform for MSPs, ITSPs and carriers, Oscilloquartz and Iridium expanded their collaboration on resilient positioning, navigation and timing for critical infrastructure, and VIAVI unveiled the CyberFlood CF50, a compact platform for 100G application, security and AI inference testing with native post-quantum cryptography support. Together, these launches show OSS/BSS and test vendors preparing operators for AI-native, multi-party service delivery.

Digital Transformation and Automation News

Etisalat launched a strategic project to lift UAE international connectivity to more than 500 Tbps by 2030, a twenty-five-fold increase meant to support AI demand. Kyndryl's first global Modernization Report, based on a survey of 2,000 leaders, shows AI driving more mainframe, edge and network upgrades, with agentic AI accelerating results for early adopters. Deutsche Telekom outlined AI use cases targeting 800 million euros in AI-related revenue and 2.5 billion euros in cost savings by 2030, and Adtran launched Mosaic One Agents, a suite of AI agents that investigate issues and coordinate work across network management, customer care and operations. Modernization is increasingly a board-level decision, and agentic AI is emerging as the lever that helps organizations catch up on schedules slowed by complexity.

Market News

Consolidation continued across satellite, fiber and communications. Iridium stockholders overwhelmingly approved Rocket Lab's acquisition, with nearly 99.6% of votes in favor at $27 in cash and Rocket Lab stock per share. BRC Group will buy Sangoma Technologies for about $204 million, Rightfiber completed its acquisition of Fastwyre's Nebraska business, and Zhone acquired Tellabs Access to strengthen its broadband access portfolio. Rogers completed its buyout of Maple Leaf Sports & Entertainment for C$4.35 billion and formed a new Rogers Sports unit, Nokia agreed to sell its Enterprise Campus Edge business to AURELIUS, and Grain Management will sell its nationwide 800 MHz spectrum to SpaceX to support Starlink Mobile direct-to-device service, subject to FCC approval.

AI infrastructure spending drove the rest of the deals. Akamai announced an $11.6 billion, seven-year cloud agreement with Anthropic that could grow by $9 billion, and Dell'Oro Group reported that the data center physical infrastructure market grew 27% year over year to $14 billion in 2Q 2026, with siting and permitting now the biggest near-term risk. Submer's new company Corenix debuted to deliver modular AI data center platforms, 3C and Datalec merged to form 3C Datalec to build and operate liquid-cooled AI facilities, and Ericsson is relocating its global R&D headquarters for AI-enabled and autonomous network software to Athlone, Ireland. In New Mexico, Oracle proposed an energy service agreement with El Paso Electric that would deliver $155 million in utility cost offsets for Project Jupiter, and updated its analysis to project a $13 billion economic impact over construction and 17 years of operations.

Research and contract news rounded out the month. Juniper Research forecasts global retail roaming

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revenue will fall from $15.6 billion in 2026 to $11.3 billion by 2031 as travel eSIMs spread, CTIA found that 5G Home competition cut cable prices by 17%, saving remaining subscribers about $11 a month, and Ribbon is helping the MTA move from legacy TDM PBX to SIP-based services across North America's largest transportation network. Overall, the month's market activity shows capital flowing toward AI infrastructure, satellite-linked services and scaled fiber platforms, while legacy product lines and networks continue to be reshaped through divestitures and modernization.

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