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Enterprise and Telecom Technology Industry News

By: [Pipeline Magazine](#)

The telecom and digital infrastructure landscape is undergoing its most significant structural shift in decades. Capital, power, silicon, security, and connectivity are no longer separate domains. They have fused into a single system that will determine which operators, vendors, and nations capture the next decade of growth.



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.

AI News

[NVIDIA has mobilized more than \\$500 billion in third-party capital](#) through partnerships with Apollo, BlackRock, Blackstone, Brookfield, Goldman Sachs, and KKR to finance AI factories and compute infrastructure at global scale. Building on that momentum, [Energy Concepts introduced Plato5X](#), a modular self-sufficient data-center platform that generates its own power, cooling, water, and food-grade CO₂ while capturing 90 percent of emissions. At the same time, [Longsys unveiled its Storage Foundry Model for edge AI](#), featuring HLCache, iSA plus AISSD, and AIDIMM innovations that address DRAM cost, capacity, and bandwidth limits. [NEC and UrbanChain, meanwhile, launched an AI parking demonstration in Fukuoka](#) that combines image-recognition exit detection with automated payment for safer surface lots.

In Southeast Asia, [Indosat, Ooredoo, Nokia, and NVIDIA launched Zankore](#), targeting one gigawatt of NVIDIA DSX AI Factory capacity with 200 megawatts planned for the first half of 2027.

Complementing those efforts, [DIMAAG introduced the ZettaWatt 800 VDC platform](#) that meets ERCOT large-load requirements, smooths AI loads to less than one percent, and reduces both footprint and cost. On the security side, [Vectra AI launched Vectra AI Pro](#), delivering trusted cross-domain signal intelligence for the agentic SOC, while [Cloudflare has given AI agents identity and wallets](#) so they can transact safely with spending limits and merchant controls. [Marvell further advanced its AI memory portfolio—including Bravera SC6, Structera CXL, and Photonic Fabric](#)—to boost token efficiency for agentic inference.

[Red Hat opened the asago community](#) to automate AI governance from policy to production-ready controls with full audit trails. In parallel, [ZTE and SKY47 inaugurated Sky47 Karakoram-01](#), Pakistan's largest purpose-built AI-ready Tier III data center with 8.5 megawatts of capacity. [Marvell is also investing \\$250 million to expand its Bangalore AI R&D facility](#) and double headcount over three years. [SK Telecom unveiled A.X K2](#), a 688-billion-parameter foundation model plus specialized variants for manufacturing, defense, and bio applications, while [NVIDIA and KAIST launched a joint AI research lab](#) focused on agentic models optimized for Korea.

[CrowdStrike and Cerebras partnered to run Falcon AIDR models on the world's fastest inference hardware](#). [Sabey Data Centers reached a "going vertical" milestone at SDC Umatilla](#) in Oregon's Columbia Cloud Corridor. Looking at longer-term adoption challenges, [mEinstein examined the bear case for personal AI adoption](#), highlighting hardware, economic, trust, and distribution hurdles. [China, for its part, pledged to expand open-source models, meteorological systems, and capacity-building for the Global South](#) under an AI-for-shared-prosperity framework. [Agility opened a new Fremont Physical AI facility](#) to accelerate Digit humanoid robot capabilities, [Parallel partnered with Google Cloud to bring agentic web search to the Gemini Enterprise Agent Platform](#), [Nokia Defense and NestAI integrated AI with 5G for resilient military command in denied environments](#), and [LF Networking added StratoWeave, contributed by Deutsche Telekom](#), for open, AI-native transport network automation.

Market News

[The data-center cooling market is projected to reach \\$37.62 billion by 2033 at a 16.1 percent CAGR](#), driven by AI and hyperscale demand with liquid cooling in the lead. Reflecting that demand, [HD Hyundai Heavy Industries won a \\$673.8 million U.S. data-center power deal](#) for 1,000 megawatts of HiMSEN engines. [An Ezee Fiber report quantified New Mexico's fiber impact at \\$77 million in added home values, hundreds of jobs, and the nation's first open-access quantum network](#). [NEC, meanwhile, transferred its overseas network-equipment resale and certain IT services businesses to a consortium led by Assist Group](#). [Dell'Oro reported that cable operators are accelerating outside-plant spend, with record amplifier investments expected as DOCSIS 4.0 upgrades peak in 2027](#).

On the regulatory front, [the FCC added foreign-produced advanced humanoid and quadruped robots along with power inverters to the Covered List on national-security grounds](#). [Juniper Research named Syniverse, BICS, and iBASIS the 2026 IPX market leaders](#), emphasizing 5G Standalone roaming readiness. [The network detection and response market is projected to grow from \\$4.34 billion in 2026 to \\$7.29 billion by 2031 at a 10.9 percent CAGR](#). [Zayo's Bandwidth Report showed long-haul fiber demand doubled and metro dark-fiber demand rose as much as twenty-fold in 2025 as AI redefines network needs](#). [TELUS consolidated its telecom businesses under returning executive David Fuller while Navin Arora takes a global platform role](#).

[Contrivian completed its merger with Big Network](#), creating a vertically integrated multi-modal fiber, wireless, and LEO mission-critical connectivity platform. [Ericsson named Christophe Van de Weyer Head of Business Area Global Communications Platform and CEO of Vonage](#). [MarketsandMarkets forecasts the event-management software market to grow from \\$18.6 billion in 2026 to \\$36.8 billion](#)

[by 2031 at a 14.6 percent CAGR](#). [The FCC released its tentative August 6, 2026 open-meeting agenda](#) covering unlicensed device-to-device spectrum, USF reforms, television ownership rules, and Rural Health Care Program updates. [CrowdStrike appointed AJ Shipley, formerly of Splunk, as Chief Product Officer](#) to accelerate Falcon platform innovation for the agentic era.

[Parks Associates reported that major U.S. cable providers lost approximately 280,000 broadband subscribers in the first quarter of 2026 while cable MVNOs added roughly 830,000 mobile subscriptions](#). [The FCC summarized first-year progress under its Build America Agenda](#) on spectrum, broadband deployment, supply-chain security, and permitting. [Airties acquired Aprecomm](#) to expand AI-driven connectivity experience management solutions into high-growth emerging markets. [Ericsson and Transsion settled global patent litigation](#), with all ongoing lawsuits to be withdrawn and financial benefits expected from the third quarter of 2026. [Juniper Research forecasts digital identity verification checks to reach 175 billion globally by 2030](#), with biometric verification the fastest-growing modality. [Lumen completed its acquisition of Alkira](#), combining its network infrastructure with Alkira's on-demand networking software for AI-era hybrid environments.

Security & Assurance News

[OpenAI expanded its Daybreak Cyber Partner Program](#), placing frontier cyber models with Accenture, IBM, CrowdStrike, Palo Alto Networks, and others for faster vulnerability discovery and remediation. [Gilat demonstrated patent-pending AI-based interference detection and cancellation technology for satellite links](#) that delivers up to tenfold improvement in contested spectrum. [Salesforce Agentforce 360 received IL5 authorization for Missionforce National Security](#), enabling autonomous AI agents for Department of War logistics, recruiting, and decision support. [Corero Network Security's SmartWall ONE powers TierPoint's new Adapt DDoS Protection](#), reducing mitigation times from minutes to seconds.

[ArmorCode expanded its Agentic Control Plane with a Context Risk Graph and four new Anya AI agents](#) for prioritized, cost-efficient vulnerability remediation. [FirstNet launched the first nationwide 5G Standalone core dedicated exclusively to public safety](#) and physically separate from commercial traffic. [AT&T Business and Palo Alto Networks launched fully managed Dynamic Defense and SASE offerings](#) that embed AI-powered security directly into the enterprise network. [Leidos introduced Parcata](#), a model-agnostic AI platform that autonomously finds and patches software vulnerabilities, including zero-days, in real time. [SAS and Swiss Re partnered to integrate CatNet catastrophe intelligence](#) into the SAS Insurance Life Cycle Accelerator for real-time underwriting and portfolio risk steering.

[Bell became the first Canadian carrier to deploy AI-powered spoofed-call detection](#) as an automatic enhancement to Suspicious Call Detection. [Cogent Security launched VR-1](#), a Mythos-class frontier AI model trained specifically for cybersecurity that proves twice as many enterprise attack paths at roughly one-quarter the cost. [PLDT Enterprise advanced digital and cyber resilience thought leadership](#) focused on preemptive defense and Agentic AI operations across Philippine industry forums. [Knowledge Grid launched the KG Cognitive Data Platform](#), a Cognitive Data Layer that transforms cybersecurity telemetry into AI-ready data at ingest. [The FCC adopted proposals to strengthen the Robocall Mitigation Database](#) and prevent bad actors from gaining access to U.S. voice networks.

[Radware's 2026 Cyber Survey](#) showed that 83 percent of organizations already use generative AI or large language models and 96 percent plan to deploy AI agents within twelve months, yet only 17 percent have full visibility into those agents.

[Leidos and DHL formed the Logistics & Mission Support Alliance](#) to bid on the UK Ministry of Defence's

Future Defence Support Services programme. [Arelion's 2026 DDoS report found the Aisuru botnet responsible for approximately one-third of global attack traffic](#), with peaks reaching 31.4 terabits per second. [CrowdStrike and Schwarz Digits expanded their partnership](#) to deliver the Falcon platform on STACKIT sovereign cloud and acquired XM Cyber intellectual property for Exposure Management. [Cloudflare launched Precursor](#), a continuous behavioral bot-defense engine that analyzes full user sessions without interrupting legitimate traffic.

[ValorC3 launched fully managed immutable Backup as a Service](#) for Microsoft 365, Entra ID, Salesforce, and on-premise data. [Fortinet expanded FortiEndpoint](#) with AI visibility and control, native data-loss prevention for AI applications, risk scoring, and FortiAI-assisted operations. [VIAVI joined the EU-funded SHIELD-6G consortium](#) with \$1.1 million to develop AI-driven security testing digital twins for 6G networks. [Vijilan Security and HaloPSA launched a bi-directional integration](#) that automatically creates enriched security tickets inside the MSP service desk. [Cyolo launched CPS Segmentation](#), extending its secure remote privileged-access platform into microsegmentation for critical infrastructure and operational technology. [Palmetto launched the Energy Backup Plan](#), a no-upfront-cost subscription whole-home battery service with automatic outage backup and twelve-year maintenance.

Cloud and IoT News

Oracle OPERA Cloud is powering [Minor Hotels' global digital transformation](#) across 106 properties in 59 countries, enabling centralized operations and faster openings. Meanwhile, [DE-CIX research](#) found that the average IT team still spends 11.5 hours per week troubleshooting cloud connectivity despite 96 percent of organizations claiming readiness for AI workloads, underscoring the ongoing gap between perceived preparedness and day-to-day operational reality.

Soracom launched its [Automotive Suite for full-lifecycle connected-vehicle connectivity management](#) with remote eSIM profile switching and split billing. Building on the push toward smarter connected devices, Identiv expanded its [ID-Tiny HF/NFC tag portfolio for ultra-compact applications](#) such as jewelry, surgical instruments, pharmaceutical vials, and luxury goods. In the automotive space, Verizon was named the [U.S. connectivity provider for newly manufactured BMW Group vehicles](#) through a KDDI partnership, delivering 5G Standalone and LTE for Connected Drive services. Completing the set of edge-focused advances, Supermicro, Red Hat, and Everpure launched [validated Kubernetes Edge AI appliances](#) that combine OpenShift and Portworx for distributed AI inference.

Innovation News

BTQ Technologies and ITRI completed the first milestone validating [Quantum Compute-in-Memory architecture for post-quantum cryptography](#) covering FIPS 203, 204, and 205. In parallel, SAMRI and CAS released the [Polymer Frontiers report](#) mapping nearly one million publications to identify global polymer innovation trends. On the software side, Amazon Aurora Serverless now [scales faster for AI workloads](#), reaching up to 12 ACUs within a second and continuing to 256 ACUs with automatic scale-down to zero. Meanwhile, Moustierian Corporation and Samsung Heavy Industries signed an engineering contract for the [first U.S. floating data center](#), with each unit delivering 50 megawatts of critical IT capacity.

Extending the infrastructure theme, Sophia Space and Caltech secured a U.S. patent for [space-based data centers](#) that use solar power and passive radiation cooling into deep space. Ericsson is supplying its [next-generation AI-powered RAN Compute platform](#) to NTT DOCOMO for Japan networks, delivering up to twice the capacity at less than half the energy consumption. In Europe, Orange and Morrison entered exclusivity to create a [50/50 data-centre joint venture in France](#) targeting 400 megawatts of capacity with a €3 billion investment programme. Separately, NVIDIA and Ilya Sutskever's Safe

Superintelligence Inc. formed a [long-term strategic partnership](#) in which NVIDIA is investing and providing Vera Rubin systems to expand SSI's compute by an order of magnitude.

Siemens expanded its partnership with NVIDIA to deliver [self-verifying agentic AI workflows for semiconductor and PCB design](#) by integrating the Fuse EDA AI Agent with NVIDIA AI infrastructure. Complementing those advances in secure computing, Terra Quantum and Apex.AI successfully demonstrated [NIST-standardized post-quantum cryptography for secure edge-to-cloud communication](#) in robotics and software-defined systems. On the policy front, Virgin Media O2 published the ["Net Fatality" report](#) calling for reform of net-neutrality rules to unlock 5G innovation, prioritisation for agentic AI, and hundreds of millions in economic value. Intel and Fortinet expanded their collaboration to develop [Fortinet Security Processor 6](#), combining Fortinet's ASIC expertise with Intel's design, packaging, and manufacturing capabilities.

At the national level, the Japanese government, industrial leaders, and NVIDIA launched the [world's first national AI infrastructure for physical AI](#), with Noetra building a Vera Rubin AI factory delivering 140 megawatts. Nokia launched the [industry's first commercial AI-native RAN platform](#), built on anyRAN software and NVIDIA Aerial, targeting more than 100 percent spectral efficiency gains by 2028. Rounding out the innovation wave, NEC developed the [world's first proprietary AI technology that rapidly generates highly detailed 3D models](#) solely from general-purpose camera footage while automatically removing unnecessary subjects.

CX/DX News

Sunrise is modernizing its CRM with [Amdocs aOS](#), the agentic operating system designed to help frontline staff work more efficiently through smarter, governed workflows. In the retail space, Granite was named preferred communications infrastructure provider for Simon properties, deploying [Granite Grid](#) to deliver next-generation connectivity across more than 200 premier retail destinations. Meanwhile, Hub One selected [Ribbon's PSX Policy and Routing Engine](#) to unify voice traffic routing across its applications, enabling seamless policy control and resilience.

On the enterprise applications front, Oracle introduced an [AI-native builder experience](#) that allows customers and partners to create and run agentic applications natively inside Oracle Fusion Applications, complete with governance, security, and auditability. Rounding out the segment, Insygnia published a white paper on [managing AI agents as an extended workforce](#), outlining a practical framework for HR, Finance, and Procurement leaders as organizations scale toward tens or hundreds of thousands of agents.

Mobile & Network News

Cloudflare added an [AEO Visibility Dashboard](#) to its Answer Engine Optimization suite, giving brands clearer insight into whether AI assistants are recommending them. On the regulatory side, the FCC proposed [expanded direct-to-device satellite connectivity](#) for unlicensed wireless devices and later advanced a related [proposal for D2D satellite broadband](#). Meanwhile, AT&T selected Ericsson to supply [600 MHz dual-band radios](#) and closed its acquisition of [low- and mid-band spectrum licenses from EchoStar](#), adding approximately 50 MHz nationwide.

In the venue space, Boldyn Networks deployed a [neutral-host DAS system](#) at The O2 Belfast. Across the Middle East, e& UAE is building a [future-ready DWDM network](#) powered by Ciena and also activated the [highest 1024QAM modulation on its live 5.5G network](#), reaching 4.58 Gbps. In Japan, Adtran and TOHKnet completed the country's [first live 50G PON trial](#), while NTT DOCOMO became the first to deploy [Nokia's AI-powered MantaRay AutoPilot](#) for automated network optimization.

AZIO AI signed a master services agreement with AT&T for [enterprise fiber interconnectivity](#) at its first 500 MW AI data campus. AccelerComm partnered with Eclipse Space to power [5G NTN physical-layer technology](#) for sovereign satellite constellations. Lightpath reported that [IP backbone traffic grew 32%](#) as enterprises adopt AI. Ericsson was selected for the [5G-enabled Digital Radio System](#) supporting Queensland Rail ahead of the Brisbane 2032 Olympics. In Morocco, inwi and Huawei commercially deployed a [dual-band 8T8R solution](#) along major transportation corridors.

Comcast broke ground on a [broadband network expansion in Napavine, Washington](#). Telefónica Deutschland and Blue Planet demonstrated how [AI agents can accelerate 5G network slicing service design](#). Taara launched the industry's [first link planner for wireless optical communications](#). Cambium Networks introduced a [high-density Wi-Fi 7 solution](#) for large venues. TIM Brasil partnered with HCLTech to enable [South America's first cross-platform eSIM transfer capability](#).

Silo Communications is expanding [fiber connectivity in rural Illinois with Adtran](#). HPE expanded its [self-driving networking strategy](#) across edge, campus, data center, and AI factories. Vodafone Albania and Nokia demonstrated [5G network slicing powered by Agentic AI](#). Nokia and Taiwan Mobile extended their [5G partnership to advance AI-powered networks](#). euNetworks launched the most [direct long-haul fiber route between Paris and Milan](#).

Mimosa Networks and Viaero Wireless demonstrated [scalable 5 GHz and 6 GHz fixed wireless broadband with AFC](#). Tele2 secured [new spectrum in Lithuania](#) to strengthen 5G connectivity. Mercantile Space partnered with Rivada for [secure LEO connectivity](#) via the Outernet. Cisco was named Official Network Supplier for [The R&A's major golf championships and new headquarters / The Open and AIG Women's Open](#). Race Communications unveiled a multiphase [all-fiber network expansion into Fresno, California](#). Finally, DE-CIX and South Front Networks partnered to [reduce latency for Upper Midwest ISPs](#) by extending access to DE-CIX Chicago.