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## IT & Telecom Industry News

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As we move swiftly into the final months of 2023, tech and telco news is showing no signs of slowing down here at *Pipeline*. We've got exciting news from around the world firstly focusing on this month's issue theme of Security & Assurance. We're also covering stories in IoT, market activity, artificial intelligence, and more.

This 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 telecom industry news summary.



### Security & Assurance News

This month's news coverage begins with our current issue theme. There have been some exciting partnerships of cyber giants this month alongside interesting report findings about the future of cybercrime. Deutsche Telekom [expands its security portfolio](#) powered by Fortinet by integrating FortiSASE into its offering for enterprises. Radware is providing [DDoS protection](#) for one of the top 20 leading data center providers and operators in the world. Adtran collaborated with Orange on a lab trial of [quantum key distribution technology](#), marking a key step towards safeguarding real-world networks from the threat of quantum computer attacks.

[BT and Google Cloud](#) formed a new partnership focusing on an enhanced commitment to cybersecurity innovation. Enea's report finds that 76% of cybersecurity professionals believe the [world is very close to encountering malicious artificial intelligence](#) that can bypass most known cybersecurity measures. More than a quarter see this happening within the next year, and 50% in the next 5 years. Interface Systems has expanded its customer offering by integrating the [i3 International cloud-based video management and analytics platform](#) into its interactive Security Operations Centers.

A promotional banner for the Pipeline Innovation Awards. The banner features a red background with white and yellow text. At the top left, it says "Pipeline INNOVATION AWARDS" with a stylized logo. Below this, there are several images: a group of people on a red carpet, a person holding an award, and a close-up of an award trophy. The central text reads "Be Recognized as a Top Industry Innovator". At the bottom left, it says "ENTER THE AWARDS TODAY" and at the bottom right, there is a yellow button that says "CLICK HERE".

**Pipeline INNOVATION AWARDS**

Be Recognized as a Top Industry Innovator

ENTER THE AWARDS TODAY

CLICK HERE

Kyndryl announced a strategic global alliance with Palo Alto Networks to provide end-to-end network and cybersecurity services, including the launch of a new service offering, powered by [Prisma SD- WAN for enterprises and Industry 4.0](#) customers. Cloudflare announced that it helped lead the disclosure of a new novel zero-day vulnerability, dubbed “HTTP/2 Rapid Reset.” This global vulnerability gives attackers the ability to generate [attacks larger than anything the Internet has seen before](#). To help mitigate the impact of this new threat on the entire Internet ecosystem, Cloudflare developed technology purpose-built to automatically block any attack leveraging Rapid Reset for its customers.

## Network & 5G News

We’re always inundated with Network news here at Pipeline. This small sampling shows some of this month’s coverage from across the world. Adtran launched its next generation [Wi-Fi 6, 6E, and 7 service delivery gateways](#) for optimized in-home connectivity, the SDG 8600 and 8700 Series. Specifically designed as a revenue-generating vehicle for operators, the energy-efficient mesh routers combine a compact footprint with a processor twice as powerful as previous models, supporting over 250 devices simultaneously. Vodafone and Orange have successfully conducted a pilot with the first real-life experience of [4G calls over a cluster of shared commercial network sites in a rural area](#) near Bucharest, Romania, based on Open RAN technology. Nokia has established a [6G Lab at its global R&D center](#) in Bangalore, India. Tecnotree recently completed a go-live with MTN South Sudan for the completion of system upgrades of [BSS full stack](#). This digital transformation will enable MTN South Sudan to run business operations smoothly and utilize newly available functionalities to gain business benefits. Also, this will ensure business process alignment with day-to-day operations. Harmonic launched its new high-density Pier optical line terminal shelf, a significant addition to [Harmonic’s virtualized cOS broadband platform](#) and family of network edge devices.

NOS will use [OpenVault’s Profile Management Application technology](#) to drive improved experiences for broadband subscribers. iBASIS announced an agreement with Moov Africa Niger, a subsidiary of the MAROC TELECOM Group, to implement its [A2P messaging monetization solution](#). Sky Ireland and Virgin Media Ireland announced a wholesale network access deal that will [significantly enhance broadband services available to Sky Ireland customers](#) across the country. CommScope announced that it has reached a new milestone with Comcast in the development of its DOCSIS 4.0 Full-Duplex DOCSIS amplifiers. [Comcast](#)

[generated speeds exceeding symmetrical 4Gbps](#) in lab testing, using CommScope MiniBridger FDX amplifiers in a six-amplifier cascade to emulate a typical plant design.

## AI News

In AI News, IBM expanded its [relationship with Amazon Web Services](#) to help more mutual clients operationalize and derive value from generative artificial intelligence. TEOCO has introduced key network optimization features in its latest update to its Mentor Suite. TEOCO also continues to provide its global customer base with innovative tools for [optimizing RAN network performance](#) and the subscriber experience. Lakera's launch enables developers to instantly [secure generative AI applications](#) in the enterprise.

Cloudflare is collaborating with Microsoft to make it easier for companies to [run AI in the location most suitable for their needs](#). This collaboration will enable businesses to seamlessly deploy AI models across a computing continuum that spans device, network edge, and cloud environments, maximizing the benefits of both centralized and distributed computing models. Telia Sweden has chosen [Elisa Polystar's cloud-native data management platform and analytics tool](#), with an initial focus on network performance. SK Telecom and Deutsche Telekom signed a letter of intent to jointly develop a telco-specific LLM that enables global telecommunication companies to [develop generative AI models easily and quickly](#).

## Cloud News

In Cloud News, Palo Alto Networks released the industry's first integrated [Code to Cloud intelligence](#), introduced as part of the Prisma Cloud Darwin release. This marks a "Darwin moment" for cloud security as Prisma Cloud pushes organizations to evolve beyond single point solutions and adopt a holistic approach that provides a single source of truth. All connectivity elements of [Cloudflare's single-vendor SASE platform, Cloudflare One](#), are now generally available. Cloudflare's SASE offering addresses both security and networking transformation requirements without adding complexity, a crucial differentiator in protecting today's hybrid workforce.

Cohesity has selected Red Hat Enterprise Linux as the [foundational operating system of its Cohesity Data Cloud platform](#). Italtel's Fast-Shift cloud migration solution, developed together with Microsoft and Cisco, is now available on Azure Marketplace to offer small and medium-sized businesses a viable way to [speed and simplify application migration to the Microsoft Azure Cloud](#). Connectbase has [expanded planning and prospecting capabilities for network operators looking to grow](#) in the United Kingdom and Ireland.

Nokia and Elisa have successfully completed the [industry's first trial of Cloud RAN powered by In-Line acceleration](#). The successful trial took place at Elisa's headquarters in Finland and utilized its commercial 5G Standalone RAN and 5G Core. The trial builds on Nokia's anyRAN approach, which was introduced to ensure the feature richness, energy efficiency, and high performance of Cloud RAN compared to purpose-built RAN. Sysdig and Docker announced the integration of Sysdig runtime insights into Docker Scout to help developers prioritize

risk and move faster. [Docker and Sysdig will help customers reduce software supply chain noise, prioritize the insights that matter, and build leaner container images](#). Sysdig is the first runtime security integration into Docker Scout.

## IoT and Innovation News

In IoT and Innovation News, Quectel has unveiled six new antennas designed to provide robust connectivity performance for IoT devices. The new antennas cover a wide range of use cases from [5G to non-terrestrial networks](#) bringing new capabilities to customers. Hewlett Packard Enterprise has built a new [AI supercomputer, called Austral](#), based on HPE Cray supercomputers and the HPE Machine Learning Development Environment, for CRIANN (Centre Regional Informatique et d'Applications Numeriques de Normandie), a high-performance computing and AI data center located in Normandy, France.

Nokia, BT Group and MediaTek have successfully completed trials of 5G Reduced Capability technology with RedCap devices. It has the potential to [expand the IoT ecosystem](#) and accelerate its deployment within the industry. BT Group is evaluating RedCap to support new 5G use cases which could benefit both EE's business and consumer customer bases. Cisco and Bang & Olufsen released [new true wireless earbuds built with enterprise-grade features](#) customized for professionals on-the-go.

Breezeline has distributed [cyberbullying prevention resources](#) to more than 2,300 educators across 11 states: Maine, New Hampshire, Massachusetts, Connecticut, Pennsylvania, Ohio, Delaware, Maryland, Virginia, West Virginia, and Florida. Juniper Networks expanded its [Connected Security portfolio](#) with new products and capabilities that empower organizations to seamlessly extend security services and Zero Trust policies across distributed data center environments.

## Market News

As always, we'll finish with the changes that essentially drive the telco and tech industries' movement in the markets. In market news, Precision Optical Technologies signed a [multi-year strategic partnership with Charter Communications, Inc.](#) This partnership supports a pivotal moment in Charter's evolution of next-generation broadband services. DZS has successfully completed the first phases of a [live pilot solution deployment](#) of DZS' flagship Velocity fiber access portfolio within the operator's production network in Poland. Box and CrowdStrike formed a partnership to help [organizations of all sizes secure their data in the cloud and stop data-related breaches](#).

Netcracker Technology has reached the [significant milestone of 30 years since the company was incorporated in Massachusetts](#). As Netcracker celebrates this achievement, it looks back to where it started and, more importantly, how it has thrived, innovated, and delivered value to its global customer base over the past three decades. Cloudflare expanded into the Mexican market as part of furthering its commitments across Latin America. [Mexico represents a growing Cloudflare team presence](#), investment in Mexican infrastructure, and focus on customers and partners in the region. Cloudflare's Mexico-based team will help the company acquire and support customers, grow brand awareness, and recruit new talent.

Nokia has partnered with ZCorum which empowers small and medium-sized cable operators to easily deploy [Nokia's industry-leading PON solutions](#) in their access networks. Pax8 announced its partnership with [Blackpoint Cyber](#), a trailblazer in cybersecurity, offering a cutting-edge Managed Detection and Response platform.

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