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# Enterprise IT and Telecom Technology Industry News

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2023 is almost wrapped up but the festive season is still brimming with telco news. We've seen a plethora of 5G stories and some impressive collaborations in the markets, plus stories about AI helping to make advancements in the cybersecurity space.

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.

## Network & 5G News

We'll start 2024's news roundup on the theme of our current Mobile and Wireless issue. 5G news was abundant in 2023 with no signs of slowing down this year. Ericsson announced that Spain's B2B sector is set to receive a boost with a new 5G private network partnership between Orange Spain and Ericsson, marking a historic milestone in the country's digital transformation. Their collaboration, [the first of its kind in Spain](#), is set to revolutionize the market by offering B2B customers in Spain the opportunity to deploy their own private 5G networks.

Akoustis Technologies patented XBAW filters have been designed into a new [tri-band Wi-Fi 6E](#) consumer access point platform. VIAVI delivered industry-leading benchmarking and validation for [RAN Intelligent Controller testing](#) and training for AI-enabled applications at the 2023 O-RAN PlugFest, including energy efficiency, security testing and conformance, and end-to-end testing of new products. The company also improved testing efficiency with real-time analysis and automation. Nokia's 5G Standalone Core SaaS has been selected by Telia Finland as part of a European Union-funded innovation program to give the operator a fully automated and scalable software model for delivering greater business agility and faster time to value in [rolling out and monetizing 5G network services](#).

Deutsche Telekom, alongside Qualcomm Technologies and cetecom advanced, are preparing mobile networks for the next generation of [automatic emergency call systems in vehicles](#). The Ekinops360 optical transport platform has been selected by Deutsche Glasfaser in a multi-year



contract to modernize and unify its [optical transport network](#) infrastructure throughout Germany.

## Security & Assurance News

In Security & Assurance News, The Council of the European Union's presidency and the European Parliament's negotiators have reached a [provisional agreement on the proposed legislation regarding cybersecurity requirements for products with digital elements](#), which aims to ensure that products such as connected home cameras, fridges, TVs, and toys are safe before they are placed on the market. Arqit, BT Group, and Fortinet have launched a commercially available, integrated product for [quantum-safe virtual private network communications](#) using a Symmetric Key Agreement.

CrowdStrike opened a new office in Singapore that will serve as a central hub for the company in Asia. The [new office](#) highlights CrowdStrike's regional investment and will double the capacity of the previous facilities in Singapore. TransUnion's Telecommunications Consumer Report found that around one-third of consumers experience fraud attempts multiple times per week, if not daily. The most common attacks include social engineering schemes that try to [convince consumers to give sensitive information](#), like phishing, which typically occurs via email; vishing, which happens via phone calls and voice messages; and SMSishing, which occurs over text messages.

Radware is providing application and network security for a Latin American judiciary. Due to shifts in the geo-political landscape and a rise in the volume, complexity, and frequency of cyberattacks, the [judiciary turned to Radware to strengthen its cybersecurity posture](#) and mitigate risks on a national basis. The FCC's Privacy and Data Protection Task Force has issued a new [warning for mobile phone service providers](#) regarding their obligations to protect consumers against cybercriminals who use scams that commandeer their customers' cell phone accounts.

## AI and Analytics News

AI was one of the hottest topics of 2023 and will definitely continue as such into 2024 and beyond. NVIDIA launched a [generative AI microservice](#) that lets enterprises connect custom large language models to enterprise data to deliver highly accurate responses for their AI applications. Fujitsu announced that it successfully equipped its Virtuora Service Management and Orchestration offering for Open RAN with a power-saving application using [AI technology developed by Fujitsu](#). Vodafone Business is now delivering a new SD-LAN managed service built on its leading wired and wireless access solutions. With Juniper Networks as the underlying [networking solution for SD-LAN](#), Vodafone Business' global customers can leverage the unique benefits of Juniper Mist driven by Mist AI and the cloud.

Kyndryl has formed an agreement with Amazon Web Services to develop and deliver [generative artificial intelligence solutions](#) and advanced machine learning capabilities. Ericsson has become a partner in a flagship R&D initiative with Concordia University, the University of Manitoba, and the University of Waterloo in a successful application to the National Cybersecurity Consortium. The NCC leads the Canadian government's new [Cyber Security Innovation Network program](#) that will provide up to \$80M in funding to support cybersecurity initiatives across Canada. Ciena announced that in collaboration with KT they have successfully completed the construction of South Korea's first nationwide 600G transmission network. This project by the South Korean telecommunications company is an initiative to proactively address the rapidly increasing data traffic related to AI, cloud, and 5G, as well as to prepare for future services such as 6G.

## Cloud News

In Cloud News, T-Systems will offer and manage [Google Distributed Cloud Hosted for customers in Germany](#) with the highest sovereignty requirements. GDC Hosted is a disconnected cloud solution from Google Cloud. The platform runs on servers which are physically separate (“air-gapped”) from Google Cloud’s international backbone and the public internet. Fortinet formed an expanded strategic partnership with Digital Realty. This partnership accelerates the expansion of [Fortinet Universal SASE](#), which has already surpassed over 100 locations worldwide. Leveraging PlatformDIGITAL, Digital Realty’s global data center platform enables customers to secure their hybrid IT workflows across clouds and locations.

Kyivstar, VEON’s subsidiary in Ukraine, will partner with Amazon Web Services to [support Ukrainian businesses](#) with the next generation of cloud and cloud infrastructure services and expertise in data-processing. NVIDIA launched a cloud service for [medical imaging AI](#) to further streamline and accelerate the creation of ground-truth data and training of specialized AI models through fully managed, cloud-based application programming interfaces.

Nokia has completed a joint lab trial of Cloud RAN with In-Line acceleration with partners Arm and Hewlett Packard Enterprise at Nokia’s Open Cloud RAN Innovation Center in Dallas, Texas. The successful trial, which saw the completion of an [end-to-end Cloud RAN L3 data call](#), demonstrated the flexibility of Nokia’s Cloud RAN solution using In-Line accelerator architecture, which works seamlessly on multiple silicon architectures.

## IoT and Innovation News

In IoT and Innovation News, Singtel has successfully completed [Singapore’s first trial of 5G RedCap for IoT](#) on its live 5G network in collaboration with Ericsson and MediaTek. RedCap is specifically designed to support mid-tier IoT devices such as smartwatches and industrial sensors. Turk Telekom is reducing energy costs while also boosting performance and management of its data infrastructure through the deployment of [Hitachi Virtual Storage Platform solutions](#).

Advantest is collaborating with wireless solution provider Amarisoft to enable users of Amarisoft’s 4G and 5G AMARI Callboxes to leverage [Advantest’s Micro Line Tester test management software](#). Via their existing AMARI Callbox, Amarisoft customers can access the Advantest software’s enhanced user interface, designed for maximum ease of use, and operator-certified test plans developed through close collaboration with leading telecommunications network carriers. OQC has made OQC Toshiko publicly available as the world’s first enterprise ready quantum computing platform. OQC Toshiko is a powerful next generation 32-qubit platform, deployed to commercial data centers, enabling businesses to tap into ground-breaking technology from anywhere in the world seamlessly and securely.

## Market News

As we wrap up 2023, market leaders have been making strategic moves to make positive changes for the telco industry in 2024. Ericsson has signed a deal with Southeast Asia communications service provider Datastream Digital Sdn Bhd to elevate DST’s [customer interaction application to the Amazon Web Services cloud](#). The application is hosted as a cloud-native application on AWS. IBM has entered into a definitive agreement with Software AG, a company majority owned by Silver Lake, to purchase StreamSets and webMethods, Software AG’s Super iPaaS enterprise technology platforms, for [2.13 billion euros in cash](#).

Nokia is joining Orange in an initiative in Egypt under the UNIDO-run Switch to Circular Economy Value Chains initiative, co-funded by the European Union and the Government of Finland. [Egypt](#)

[has set ambitious targets to improve waste management systems](#), including e-waste, listed in Egypt Vision 2030. These targets involve increasing overall waste collection coverage and efficiency, with an objective of 80% and 90%, respectively, by 2030.

Palo Alto Networks has completed its acquisition of Dig Security, an innovative provider of Data Security Posture Management. The large volumes of data stored in the cloud require [data security solutions that are purpose-built to handle the complexities of cloud environments](#). Dig's cutting-edge capabilities, seamlessly integrated into Palo Alto Networks Prism Cloud platform, will provide organizations with near real-time data protection across the entire cloud estate. Ericsson has signed a Memorandum of Understanding with Telenor for a [three-year partnership](#) that aims to explore, develop, and test cutting-edge AI/ML solutions toward enhancing energy efficiency without compromising on the quality of connectivity in mobile networks.

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