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Volume 19, Issue 3

Technology Industry News

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This month, the FCC has proposed rules that will result in better wireless call routing and faster response times during emergencies in the United States. Nokia's 5G solutions will support four automated train lines that link 200 kilometers of Paris. Sophos' Intercept X endpoint security detected and stopped real-world cyberattacks with 100 percent accuracy. This is just a small sample of our top headlines as we enter 2023.

The top telecom industry news stories from the month are summarized below. To view all the news as it breaks, check out Pipeline's [News Center](#) or [subscribe](#) to receive our telecom industry news summary.



Innovation news

This month has given us a lot of positive stories showing examples that technology has significantly benefited both humanity and the environment. Ericsson has established a [Green Financing Framework](#) to enable the company to issue green bonds and other green financing instruments. It is designed to enable the financing of investments in energy-efficient technologies, such as 4G, 5G, future 6G, and renewable energy.

Orange has taken steps across its European footprint to reduce its energy consumption over the coming months. The [Orange Group is confirming its commitment](#) to supporting efforts to reduce stress on energy networks across Europe.

Rural areas in the U.S. struggle to provide residents with broadband Internet access and the computers needed to maximize the benefits of online educational and economic resources.

Digitunity has [released a commissioned report](#) on the potential causes and solutions to the rural digital divide.

[Vodafone Foundation's Zachranka app](#) is helping people in the Czech Republic, Hungary, Slovakia and Austria connect directly to emergency services and is using location tracking to speed up how quickly they are found. Vodafone has also zero-rated more than 770 institutions and over 1,400 URLs in [South Africa](#), including government institutions such as the National Department of Health, National Department of Home Affairs and the National Department of Education.

Nokia and Etisalat UAE, branded as e&, have demonstrated the [fastest passive optical network \(PON\) speed in the Middle East and Africa region](#). In the trial, Nokia Bell Lab's PON proof of concept achieved speeds up to 100 gigabits per second (Gb/s) on a single wavelength, four times faster than the most advanced networks available today.

T-Mobile announced it will provide connectivity for [VinFast's electric vehicles in North America and Europe](#). These vehicles will come with built-in capabilities that power connected services such as remote vehicle services, streaming media and gaming on-the-go.

Market news

There's been more market movement as 2022 came to a close. Hexatronic US signed a [4-year Strategic Partner agreement](#) with Montana's Grizzly Broadband while [Xtel Communications has acquired Global Telecom](#). With this acquisition, Xtel can enable businesses across this key market with secure, smart telecommunications and cloud solutions that are agile and adaptable to today's evolving workforce and landscape.

Wireless Telecom Group announced it entered into a definitive agreement to [sell its radio, baseband and software segment, CommAgility LTD.](#), to global space company, E-Space. The purchase price is \$14.5 million, inclusive of \$13.75 million in cash consideration and a \$750,000 note payable, subject to agreed-upon reductions.

The announced partnership between [TECNO and Google will bring an optimized user experience](#) for TECNO smartphones, where TECNO mobile devices will be at the forefront of delivering the latest Android updates, as well as power more seamless cross-device experiences.

Results of [Nokia and GlobalData market research](#) show a high level of confidence in private wireless and industrial edge, particularly in integrated solutions to achieve enterprise cybersecurity, cost, efficiency, and sustainability goals. Two giants collide as Ericsson and Apple reached a [multi-year, global patent license agreement](#). The agreement includes a cross-license relating to patented cellular standard-essential technologies and grants certain other patent rights.

Cybersecurity news

Advances in cybersecurity hopefully made life difficult for cyber criminals throughout the holiday season, and into the New Year.

An evaluation conducted by CyberRatings.org found [that Versa Networks has achieved the highest possible rating of “AAA”](#) in the industry’s first-of-its-kind Cloud Network Firewall comparative test. Xage announced that it was selected by the U.S. Department of Energy’s National Renewable Energy Laboratory (NREL) to join the first [Clean Energy Cybersecurity Accelerator](#) (CECA) program cohort.

Radware is delivering state-of-the-art [DDoS protection for a leading SaaS provider](#) of global cloud-based communications services. To increase protection around its hybrid computing environment and ensure optimal delivery of its services and application traffic, the industry leader purchased Radware’s DefensePro DDoS Protection solution as part of a multimillion-dollar deal.

[Sophos’ Intercept X endpoint security](#) detected and stopped commodity, real-world cyberattacks and simulated targeted attacks with 100 percent accuracy in SE Labs’ enterprise, small and medium-sized business, and consumer tests.

5G, mobile, and network news

Network transformation was a key trend throughout 2022, is providing to be a persistent trend as we progress into 2023, and it also happens to be this month's Pipeline magazine issue theme.

AT&T and City of Amarillo, TX officials broke ground on a new [state-of-the-art fiber network](#) that will provide high-speed Internet to more than 22,000 customer locations in the city.

Nokia has signed a Memorandum of Understanding (MoU) with leading network measurement technology provider, Rohde & Schwarz, to embed [QualiPoc 4.9G/LTE and 5G network measurement capabilities](#) into the Nokia Drone Networks platform.

The Federal Communications Commission proposed rules to more precisely route [wireless 911 calls and texts to 911 call centers](#), which can result in faster response times during emergencies.

Ekinops has been selected by telecom infrastructure provider Bandwidth & Cloud Services Group (BCS) for its [network backbone upgrade](#), which will enhance connectivity throughout Africa. Meanwhile, Clearwave Fiber's installation of ultra-fast, state-of-the-art, [all-Fiber Internet network](#) is nearly complete in Lansing, Kansas, enabling over 3,100 locations for fiber services.

Nokia announced that the Societe du Grand Paris (SGP) will deploy its 5G-ready IP/MPLS multiservice, mobile core, and radio access network (RAN) solutions to support the

implementation of [four automated train lines](#) that link 200 kilometers of Paris and transport up to two million passengers a day.

Big data, AI and advanced analytics news

Artificial intelligence is increasingly making headlines across the technology industry. Advances in AI have led to real-world use cases throughout 2022, and new research and developments are leading to additional innovation as we kick off the New Year.

Vodafone announced that [Affectiva is developing AI software](#) that enables machines to detect human emotions and complex cognitive states. Meanwhile, Info-Tech Research Group has published its new industry blueprint titled [AI Governance](#) which regards the ethics of using AI.

VERSES announced that a team of fifteen of the world's leading computational neuroscientists and AI Ph.D.s, in association with universities across Canada, UK, Germany, Australia, The Netherlands, and the USA, published a landmark research white paper describing their novel approach to the design and development of the [next generation of AI known as Artificial General Intelligence \(AGI\)](#) intelligent agents with human-level intelligence that can learn, adapt and act in the world.

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