



Mobile & Wireless Roundup #76 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 76th edition of this newsletter. As we move towards softwarization and commoditisation I often think people do not value products and services the way they should.

I spent many years working for test & measurement companies. People would always ask us why a particular product is so expensive considering the bill of materials would have been a tenth of the asking price. It was challenging to explain the costs of R&D for products with no mass market.

People think in a similar fashion with regards to mobile services pricing. On one hand, service providers (SPs) complain that their ARPU is lower or still the same as compared to 10 years back. On the other hand, the end consumers would like to see bigger bundles at lower price.

I think in both these examples above the vendors as well as the service providers do a poor job in explaining their investment and the need to charge high prices. In fact in most cases our industry does a poor job explaining to the people on the outside why they should work in our field, why they need a certain product, how they will get a better return for value with a particular choice and so on.

Our industry is full of very talented individuals but if you see the same people speaking on a similar topic multiple times in a year, it sort of gets boring. We all talk about getting the end users and the service users to come and talk about their requirements but then do not give them enough time to explain their requirements. In fact sometimes there isn't a clear brief for them so they just tell us what we already know rather than what we should know.

One of the many Japanese companies I worked for had a requirement that all managers should have worked on the different parts of the floor so they understood the whole picture and spoke the language of the laymen. Maybe we need a similar approach to ensure we do more relevant and meaningful things going forward.

For those of you who don't know me, I am a technologist with over 24 years' experience in mobile wireless technology, currently working as an independent advisor, analyst, consultant and a trainer. This newsletter is a summary of my posts and others news that caught my attention since the last newsletter.



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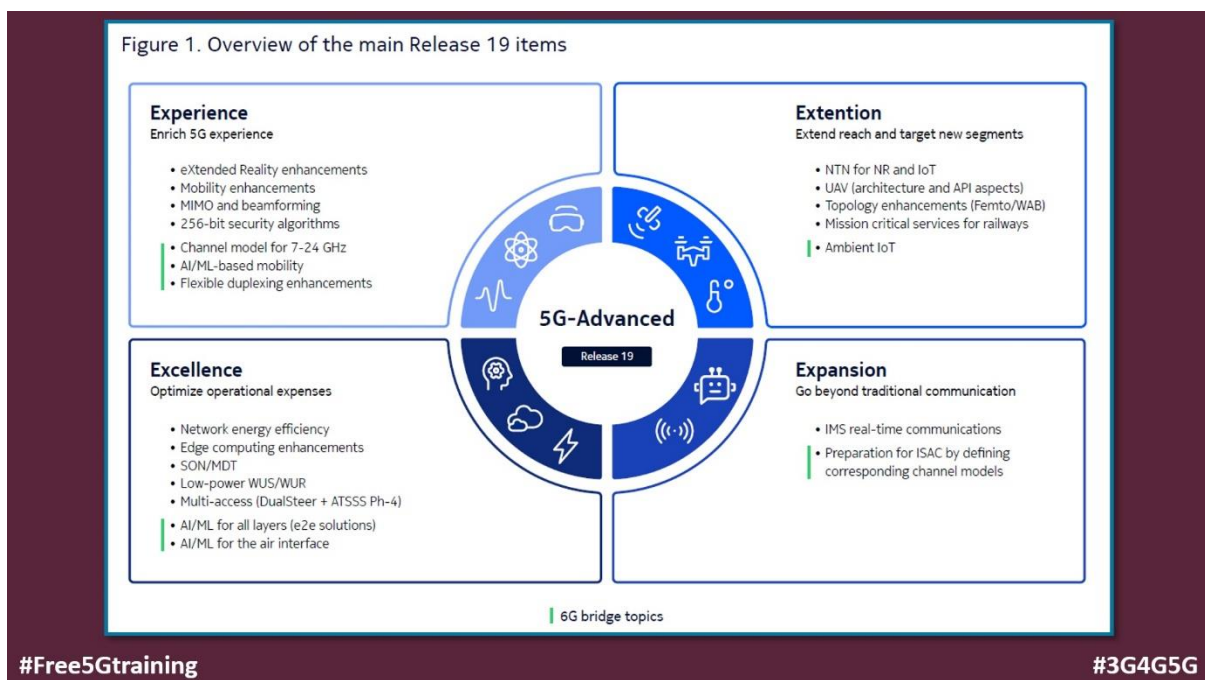
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6G

- Free 6G Training: Presentations and Summary from ELLIIT 6G Symposium in Lund, Sweden ([link](#))
- New NTT Docomo Technical Journal (VOL.25 NO.3) on 'Special Articles on 5G Evolution & 6G (2): Initiatives toward Implementation and Use Cases' ([link](#))

5G

- Silverlinings: Jio completes its 5G SA roll out ([link](#))
- Yanitsa Boyadzhieva on TelecomTV: 5G-A and RedCap key to telcos' 5G growth beyond 2024 – report ([link](#))
- Taking 5G-Advanced to the next level and bridging into the 6G era ([link](#))



- Mprical: DNAI - Data Network Access Identifier ([video](#))
- 3GPP Technologies Article: Communication services (VoLTE/VoNR) ([link](#))

- Alok Tripathi on LinkedIn: A first-of-its-kind demonstration of an end-to-end orchestration (E2EO) 5G network slice, with 5GC in a hybrid cloud! ([link](#))

🕒 4G/LTE

- Operator Watch Blog: Türkiye is Still Waiting for 5G but 4.5G (LTE-Advanced) is Working Great ([link](#))

🕒 2G/3G

- MWL: SoftBank delays 3G closure due to earthquake ([link](#))

🕒 Open & Disaggregated Networks (including Open RAN, vRAN, etc.)

- Jinsung (Alex) Choi on LinkedIn: O-RAN CoPilot (Part 2) - from words to workflow to code and RUN ([link](#))
- Light Reading: Saudi Aramco has slim open RAN chance in shrinking 5G market ([link](#))
- Jinsung (Alex) Choi on LinkedIn: LLM Agent Methods for Deterministic Problem Solving in O-RAN ([link](#))
- Fierce Wireless: 4 prominent wireless leaders testify about open RAN at Congressional hearing ([link](#))
- Jinsung (Alex) Choi on LinkedIn - RANchain: O-RAN Tailored LangChain Framework for O-RAN CoPilot ([link](#))
- Light Reading: India, US formulate open RAN roadmap ([link](#))
- Jinsung (Alex) Choi on LinkedIn - Beyond Speed: 5G's Web-Scale Architecture and the OpenAPI Paradigm Shift ([link](#))
- Light Reading: Why the ONF shut down ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Integrating Large Language Models into O-RAN RIC Platform ([link](#))

🕒 Private Networks

- Private Networks Technology Blog: Largest U.S. Open-Access Municipal Private 5G Network in the City of Las Vegas ([link](#))
- 5G for Connected Industries (5G CONNI) ([link](#))
- Pablo Tomasi on LinkedIn: #private5g will reach \$9.3 billion by 2028 ([link](#))

🕒 Virtualization, Cloud & Edge

- RCR Wireless: Intel CEO on the three laws of edge computing, and what it means for AI ([link](#))
- Patrick Lopez on Core Analysis Blog - Gen AI and LLM: Edging the latency bet ([link](#))

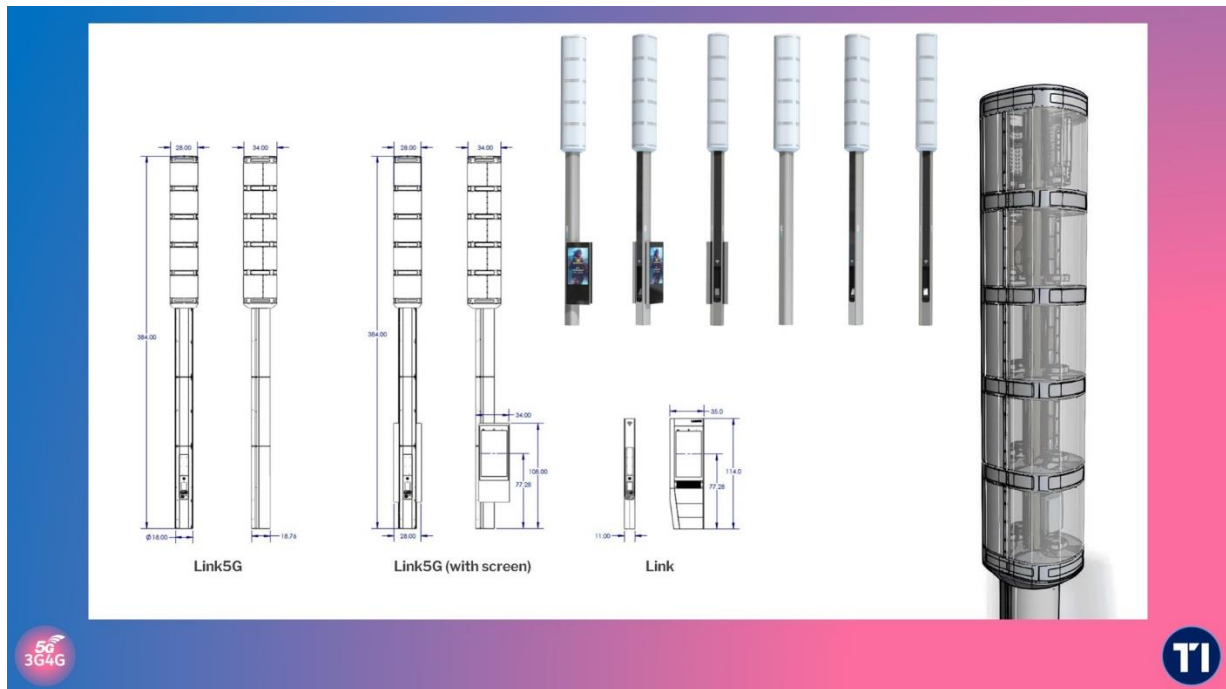
🕒 Security & Privacy

- Telecoms.com - 5G security: How networks are kept safe in the face of evolving threats ([link](#))
- Light Reading: Kyivstar to lose out on \$95M because of December cyberattack ([link](#))

🕒 Telecoms Infrastructure, Small Cells, Antennas & others

- Stefan Pongratz on SDxCentral: What to expect from RAN in 2024 ([link](#))
- Light Reading: KDDI to build telecom infrastructure for Philippine subway system ([link](#))
- Paul Rhodes on LinkedIn - Thursday School : CRAN Makes sites more Beautiful ([link](#))

- Telecoms Infrastructure Blog: 5G and Wi-Fi Connectivity from Link5G and LinkNYC's Tall Towers ([link](#))



☉ Smartphones, Devices, Wearables & Gadgets

- The Verge: The Rabbit R1 is an AI-powered gadget that can use your apps for you ([link](#)) – official website [here](#).
- Counterpoint Research - Galaxy AI: First Look at the Intelligent Features of Samsung Galaxy S24 Series ([video](#))
- Franco Ronconi on Twitter: "As expected, #AppleVisionPro has already sold out its initial batch (reportedly 80k units) within 30 minutes! Over \$300 million in revenue for a #VR device and accessories in ONE SINGLE DAY 🤖..." ([Tweet](#) with video)

☉ AI, ML & Automation

- Telecom TV: SKT highlights AI trends for 2024 ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Can Large Language Models Assist Telcos in the O-RAN Automation Journey? ([link](#))

☉ Satellites, HAPS, Drones, UAVs & Space

- Technoeconomyblog - Stratospheric Drones: Revolutionizing Terrestrial Rural Broadband from the Skies? ([link](#)) – LinkedIn discussion by Dr. Kim Larsen [here](#).
- John Deere Announces Strategic Partnership with SpaceX to Expand Rural Connectivity to Farmers through Satellite Communications ([link](#))
- MWL: AT&T, Google join Vodafone in backing AST SpaceMobile ([link](#))

☉ Sustainability

- IEEE Spectrum: Diamond Electronics Suit Green Power Grids Carbon's crystalline form works well with renewables' high voltages and currents ([link](#))

- NOS SGPS on LinkedIn: “NOS SGPS contracted 300 million euros in bank financing, indexed to sustainability objectives. With this operation, NOS now has 95% of its debt indexed to sustainable targets...” ([link](#))

🕒 Other News and Technology Stuff

- GCHQ celebrates 80 years of Colossus, the code-breaking computer that played a pivotal role in WWII ([link](#))
- ElectronicDesign: The Transistor Enters the Nanosheet Era ([link](#))
- Imec: The CMOS 2.0 Revolution ([link](#))
- Business Insider: Zuck’s GPU flex will cost Meta as much as \$18 billion by the end of 2024 ([link](#))

🕒 **Picture of the week:** There are lots of telecom enthusiasts in Japan that share a lot of their infrastructure and other telecoms pics. Today we are sharing a shared antenna that has been installed in Osaka Metro station. Couple of pictures on Twitter [here](#) and [here](#).



These antennas are designed by a company called ‘Sharing Design’. You can read more about them [here](#).

Happy to hear your thoughts. Feel free let me know what worked, what didn’t, how I can make this better, etc. Get in touch over LinkedIn!

PDF version of this and previous newsletters are available [here](#).