



## Mobile & Wireless Roundup No. 134 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 134th edition of this newsletter. If you haven't been keeping up with developments in Artificial Intelligence (AI), I have both good news and bad news to share. In a recent interview, Microsoft founder Bill Gates predicted that advancements in AI could one day enable a [two-day work week](#).

Based on my past experiences, I suspect this may actually leave many people worse off, some out of jobs entirely, and others busier than ever. There is frequent talk about how AI will improve work-life balance, but I have little confidence in governments and politicians around the world to manage this transition effectively.

I was recently involved in writing a German whitepaper, despite hardly knowing any German myself. Thanks to the wide range of tools available for translating between English and German, the task was surprisingly straightforward. A German-speaking colleague helped with the final polish to ensure the language flowed naturally. In the past, this would have required hiring professional translators, explaining the technical content to them, and being available to answer their questions and clarifications.

My X (f.k.a. Twitter) feed is often filled with videos showing the kinds of [skills](#) children in China are taught in school. Some may well be promotional, but I frequently see examples of youngsters learning practical life [skills](#), from [cooking](#) and [cleaning](#) to maintaining vehicles. Perhaps this is the way forward, equipping the next generation with a mix of essential life skills and a strong grounding in technology.

You may have other ideas or suggestions. I would love to hear them, so feel free to leave a comment or send me a message.

For those of you who don't know me, I am a technologist with over 25 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 other news that caught my attention since the last newsletter.



## Private 5G in Action

REAL-WORLD USE CASES, APPLICATIONS, AND BENEFITS DRIVING ENTERPRISE AND INDUSTRY TRANSFORMATION



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### 🕒 5G

- MWL: China 5G network users near 1.05B ([link](#))
- NTT DOCOMO Technical Journal: Overview of 5G Core Network Advanced Technologies in 3GPP Release 18 —Core Network and Terminals— ([link](#))

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

- ODIN: Fujitsu Showcases Open RAN Progress and AI-RAN Innovation at MWC25 ([link](#))

### 🕒 Spectrum

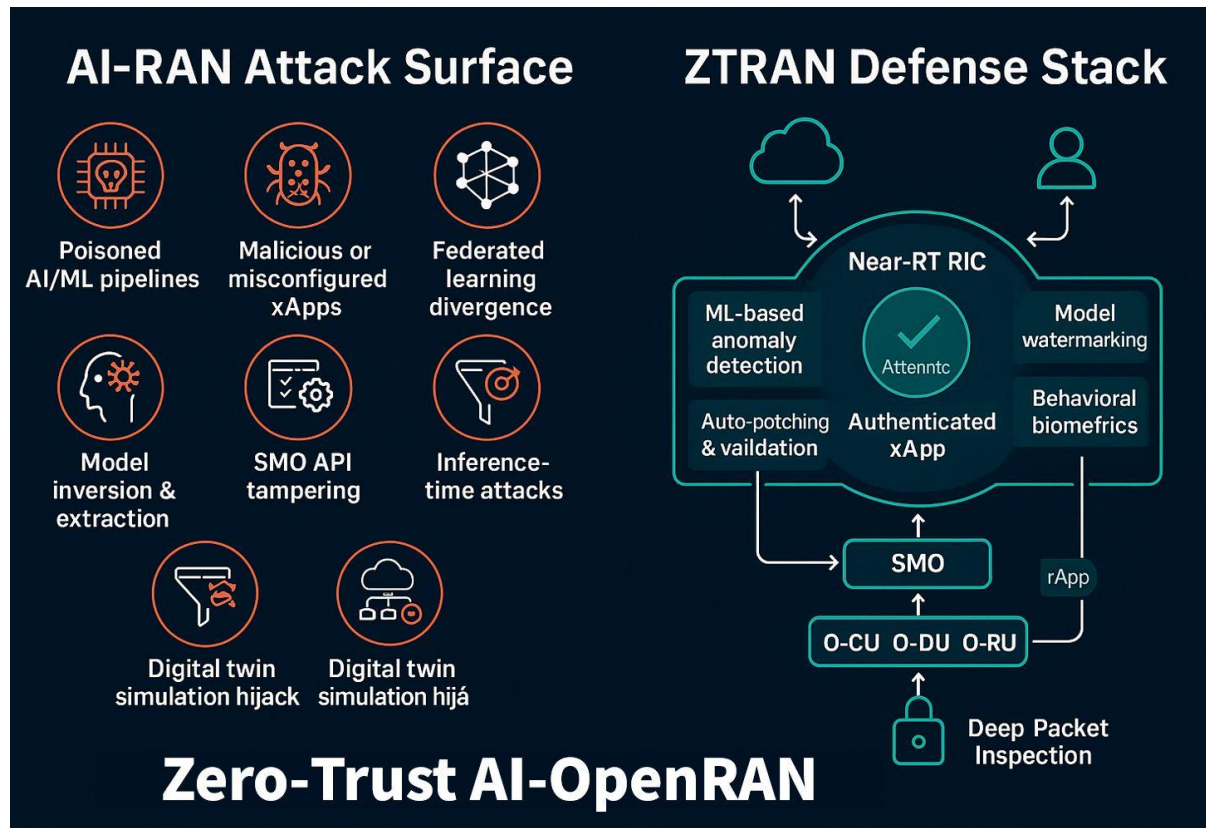
- Gustavo Costa on LinkedIn: What spectrum range is trending for 6G? ([link](#))
- Jinsung Choi on LinkedIn: Turning Every gNB into a Real-Time Spectrum Sensor — The Power of dApps ([link](#))

### 🕒 Telecoms Infrastructure, Small Cells, Antennas & others

- Paul Rhodes on LinkedIn - Thursday School: Pizza Pies Not Mobile Skies! ([link](#))
- Jinsung Choi on LinkedIn: What Powers 5G/6G Radios? GaN + Rare Earths = Performance & Risk ([link](#))
- Paul Rhodes on LinkedIn - Saturday School: Spot the Antenna – International Edition! ([link](#))

## 🕒 Security & Privacy

- Denis Laskov on LinkedIn: How to build a cybersecurity lab for your home or startup: a detailed step-by-step guide in just 35 minutes ([link](#))
- Salim S I on LinkedIn: "SK Telecom Vice President lamented that their packet-core was hacked despite it being 'isolated'..." ([link](#))
- Jinsung Choi on LinkedIn - Zero-Trust AI-RAN: Securing the Intelligent RAN Era ([link](#))



- Denis Laskov on LinkedIn: A critical vulnerability in Apple CarPlay was disclosed yesterday. Wi-Fi, Bluetooth, and USB - all affected under certain conditions ([link](#))
- Yongdae Kim on LinkedIn: FAQ on USIM Security Regarding the SKT Hacking Incident ([link](#))
- Dmitry Kurbatov on LinkedIn: How to Break the Telecom Attack Kill Chain ([link](#))

## 🕒 Smartphones, Devices, Wearables & Gadgets

- Light Reading: Samsung, Apple lead global smartphone market – Canalsys ([link](#))

## 🕒 AI, ML & Automation

- Jinsung Choi on LinkedIn: 10 AI-RAN Use Cases Powered by LLMs & SLMs ([link](#))
- AI/ML in 3GPP: Progress, Challenges, and the Road to 6G ([link](#))
- Jinsung Choi on LinkedIn - Essedum: The Open-Source AI Framework Built for Telecom Networks ([link](#))
- Fierce Network Op-ed: 'Black Mirror' should be required viewing for AI builders ([link](#))

## 🕒 Satellites, HAPS, Drones, UAVs & Space

- GSMAi: The future of Satellite & NTN Recording from MWC25 ([link](#))





- Dean Bubley on LinkedIn: "*Plenty of interesting takeaways from this week's WiFi NOW #WWC event. It was held in Mountain View in the heart of Silicon Valley, so it had many more engineering folk from major vendors nearby than usual...*" ([link](#))

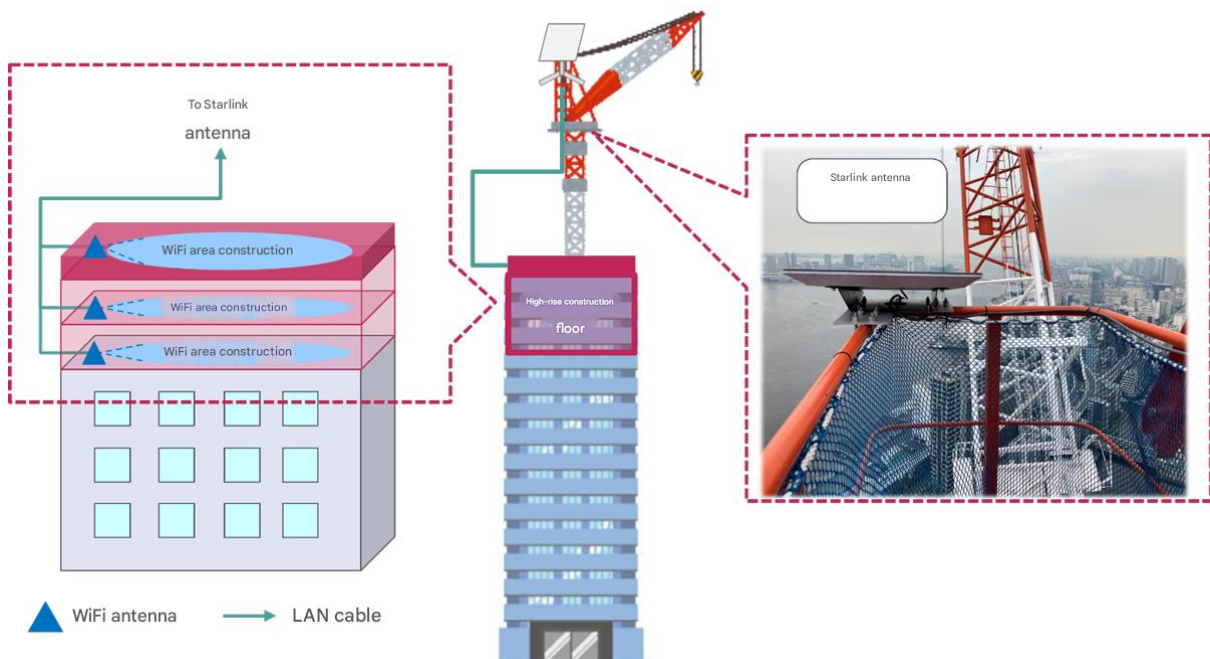
### ☉ Quantum Networks & Technology

- TelecomTV: Toshiba brings quantum comms to the telecom network ([link](#))

### ☉ Other News and Technology Stuff

- Ookla: Power Outages in Spain and Portugal Test the Resilience of Europe's Telecoms Infrastructure ([link](#))

☉ **Picture of the week:** The Japanese operator KDDI is a big fan of Starlink for connectivity. X users can see [here](#) for their posts on Starlink. A while back they talked about how Starlink is being used by them during construction of Skyscrapers. A Google translated image is shown below and you can read more about it [here](#) (in Japanese).



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](#).