



## Mobile & Wireless Roundup No. 117 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 117th edition of this newsletter. I'll be honest—I'm not an early adopter. I prefer to skip the role of guinea pig testing new features and functionalities. Instead, I wait until others have used them, provided feedback, and proven their worth. Only then, if I'm convinced, do I dive in.

Take Twitter (or X, as it's now called). I've written before about how much I (still) love it, but I didn't join until it felt like everyone else already had. Last year, I gave [Mastodon](#) a brief try, only to find it riddled with quirks and bugs that didn't work for me. A couple of years ago, the buzz was about people leaving X for Mastodon; now, it's about people abandoning Mastodon for [BlueSky](#). I'll likely sit on the sidelines for a while longer and see if these trends stick.

This week, I watched [BlackBerry](#), the movie. It brought back a wave of nostalgia. I was a devoted BlackBerry user, with my last phone being a [BlackBerry Bold](#). Despite the rise of the iPhone and Android, I clung to my device because of its physical keyboard (a feature I still miss). It wasn't until the infamous [three-day outage](#) in 2011, when I couldn't even access the internet, that I finally gave up on it.

As someone who closely followed the mobile industry, I remember watching the decline of a must-have gadget that people once couldn't live without. BlackBerry movie rekindled those memories, offering a behind-the-scenes look at the company's struggles. While some elements of the movie may be exaggerated, it's packed with valuable lessons and gives fresh insight into a story I thought I already knew. I highly recommend watching it.

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.



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### 6G

- Free 6G Training - CONFIDENTIAL6G: Confidential Computing and Privacy-preserving Technologies for 6G ([link](#))
- TMN: NGMN says 6G radio must be measurably better than 5G Advanced ([link](#))
- UK Parliament Research Briefing: 6G mobile technology ([link](#))
- Free 6G Training: 6G-IA Whitepaper on 'European Vision for the 6G Network Ecosystem' ([link](#))

### 5G

- Telia: 5G and drones breathe new life into healthcare in Skellefteå ([PR](#))
- Dec 2024 issue of the 3GPP Newsletter, 'HIGHLIGHTS' is now available ([link](#))

Figure 1: RAN Sharing (Pre Rel-19)

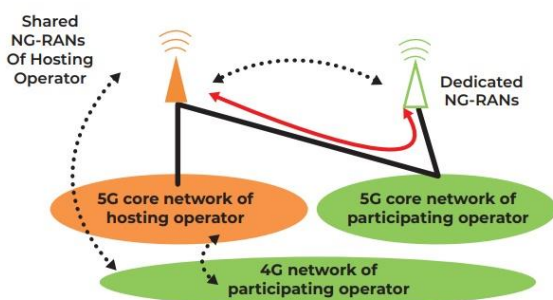
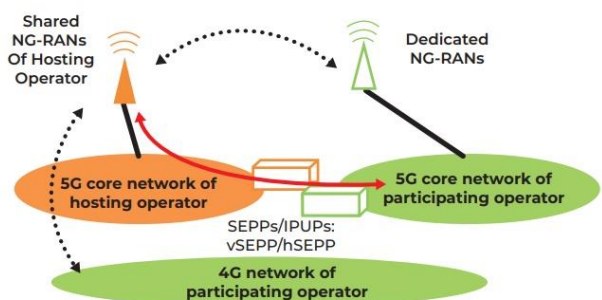


Figure 2: Indirect Network Sharing (Pre Rel-19)



◀•••• User's movement      ◀→ Communication between the shared NG-RAN and the core network of the participating operator

### 10 | 3GPP Highlights newsletter

- Comcast Migrates its 5G Core Network to AWS ([PR](#))
- Developing Telecoms: Tunisian telcos win 5G licences, eye 2025 launch ([link](#))

## 📡 2G/3G

- Telenor Norway postpones closure of 2G network until 31.12.2027 ([PR](#)) - Johan Norén on [LinkedIn](#) points out that, "...estimates that 120,000 safety alarms, 35,000 elevators, and a significant number of water and wastewater installations depend on 2G technology."

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

- MWL Feature: FYUZ fuses, sparks open RAN reignition ([link](#))
- MTN Group and ORAN Development Company partner to advance true Open RAN and next-generation telecommunications across Africa ([PR](#))
- AT&T Blog - Open RAN Update: New Collaborations Join the Party ([link](#))
- 5G Americas: Trends and Developments in Open RAN ([link](#))
- Light Reading: Open RAN xApps look stillborn ([link](#))
- ODIN: rApps & xApps: Unlocking Open RAN's Potential ([link](#))

## 📡 Spectrum

- Richard Haas on LinkedIn: "Hong Kong's 6 GHz auction ends with lacklustre bidding. Only three out of four major operators secured spectrum licenses, paying a mere 5% above the reserve price in total..." ([link](#))
- Telecom Talk: UAE Allocates 600 MHz and 6 GHz Bands for IMT, Prepares for 6G ([link](#))
- Dean Bublely on LinkedIn: "UK regulator Ofcom brought in some changes to the various local & shared-access licenses suitable for #private5G and #FWA..." ([link](#))

## 📡 Private Networks

- Private Networks Technology Blog: Revolutionizing Healthcare with Europe's First Private 5G Hospital ([link](#))

**#3G4G5G** **QN** **#PrivateNetworks**

- Private Networks Technology Blog: GSMA APAC Joint Forum Explores 5G's Impact on Industry Transformation in APAC and Europe ([link](#))

## 🕒 IoT / M2M / Smart Homes

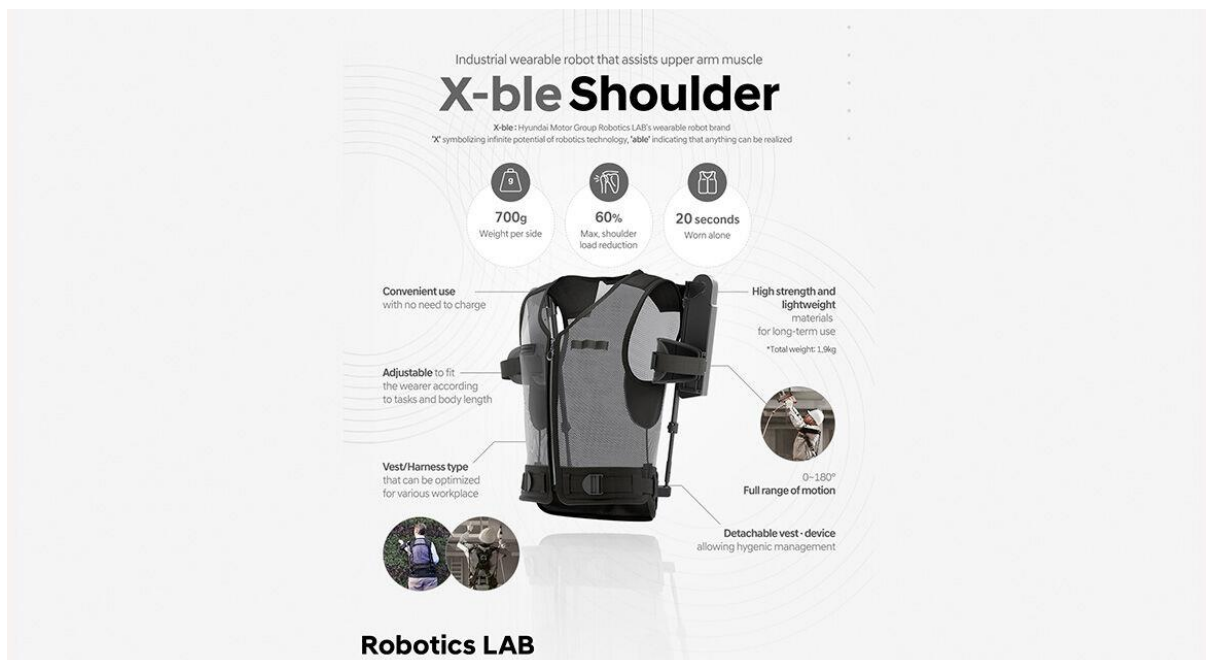
- Afzal Mangal on LinkedIn: "I often see recurring comments on my LinkedIn posts, and I thought it would be valuable (and perhaps fun) to address a few of them..." ([link](#))
- Counterpoint Research - 4G Cat 1 bis: A Catalyst for Massive IoT Applications ([link](#))
- RCR Wireless: The year LPWAN loses its WAN – The Things Industries on 2025 ([link](#))

## 🕒 Security & Privacy

- O2 Telefónica enhances mobile network efficiency and security with quantum technologies on AWS ([PR](#))
- Bleeping Computer: Korea arrests CEO for adding DDoS feature to satellite receivers ([link](#))

## 🕒 Smartphones, Devices, Wearables & Gadgets

- MWL: Foldables forecast for tepid 2025 as Apple waits in wings ([link](#))
- Hyundai Motor and Kia's Robotics LAB Announces Plans to Launch 'X-ble Shoulder' at Wearable Robot Tech Day ([PR](#))



- MWL: Xiaomi targets in-house chip in 2025 ([link](#))
- Light Reading: Samsung should reconsider a tri-fold phone – analyst ([link](#))

## 🕒 AI, ML & Automation

- RCR Wireless: What is AI and RAN multi-tenancy and orchestration? ([link](#))

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

- Connectivity Technology Blog: Tutorial Session on Current Trends and Key Challenges of Satellite communications ([link](#))
- Intelsat: Explaining Why You Might Care About Something Called "5G NTN in Ku Band" ([link](#)) – Gerry Collin's LinkedIn post [here](#).
- Light Reading: China sets ambitious goals for its BeiDou satellites ([link](#))
- Paul Rhodes on LinkedIn: Beware Salespeople Selling Products, not Solutions! ([link](#))

- Paul Rhodes on LinkedIn - Thursday School: The perception of Limitless Capacity! ([link](#))

### 🕒 Wi-Fi

- Dean Bublely on LinkedIn: "It's interesting to see BT Group / EE push \*hard\* on #WiFi7 as a differentiator for its fibre #broadband offers in the UK..." ([link](#))

### 🕒 Other News and Technology Stuff

- What does 'Telecoms' mean? ([link](#))
- Swisscom launches Swiss AI Platform for companies ([PR](#))
- Reuters: Australia's under-16 social media ban sparks anger and relief ([link](#))
- Ofcom: Full-fibre broadband reaches nearly 7 in 10 homes in UK ([PR](#))
- The Guardian: China bans exports of key microchip elements to US as trade tensions escalate ([link](#))
- FT: EU to demand technology transfers from Chinese companies ([link](#))
- MWL: Apple looks to end Indonesia row with \$1B outlay ([link](#))

🕒 **Picture of the week:** This week we bring to you a live site in Thailand using Huawei's MetaAAU with ELAA (extreme large antenna array), not to be confused with eLAA (enhanced licensed-assisted access), thanks to [X post by Paopao](#). I blogged about MetaAAU on the Telecoms Infrastructure Blog [here](#) some three years ago.



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](#).