

## Mobile & Wireless Roundup #48 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 48th edition of this newsletter. This week I found out that I am one of the [top 50 influencers](#) to follow for 5G. It is a good list of people but there are many others that I can think of, who should have been on the list but aren't, while some others listed shouldn't be there either. I guess it is a list of people who shout out the most about 5G.

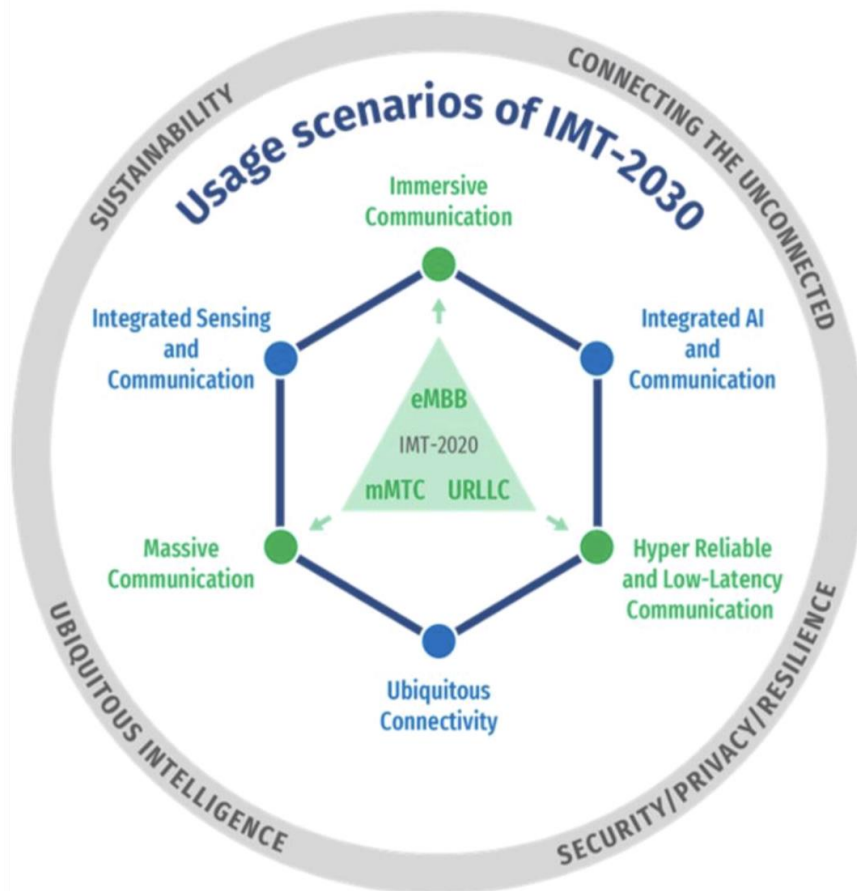
I am busy working on new set of trainings for my clients, hopefully some of them will inspire me to create new videos for our [YouTube channel](#), like the one that always confounds people; what is the difference between AI & ML? 😊

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.



### © 6G

- Free 6G Training: EuCNC & 6G Summit 2023 Panel Session on 'Sustainability challenges and opportunities for 6G' ([link](#))
- Simon Saunders on LinkedIn: "A few hours ago #ITU-R #WP5D agreed the content of a new Recommendation "Framework and overall objectives of the future development of IMT for 2030 and beyond". In short, there is now an international consensus on the broad vision for #6G..." ([link](#))



## 🕒 5G

- The 3G4G Blog: 3GPP TSG RAN and TSG SA Release-19 Workshop Summary ([link](#))
- Light Reading: India ranked as fastest-growing 5G market – Ericsson ([link](#))

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

- MWL: Open RAN backed for major role at dawn of 6G ([link](#))
- Analyst Gabriel Brown on Twitter: *“A pretty good indicator this week on the maturity of open RAN from UK operator VMO2. It selected Nokia for a RAN refresh across southern UK (a fairly big deal). This is single-vendor RAN with SoC based DU. In other words, a classic RAN deal.”* ([Twitter](#) thread)

## 🕒 Private Networks

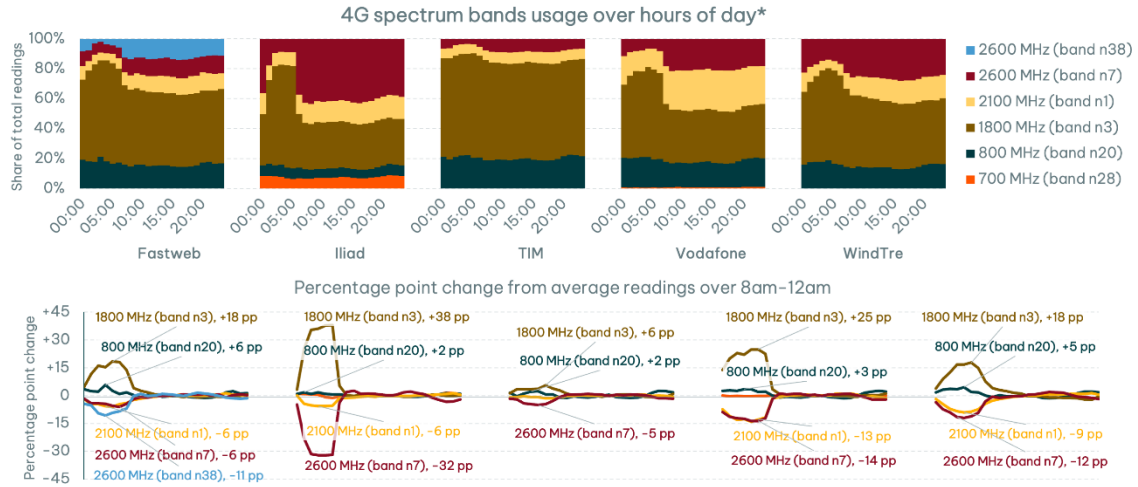
- Private Networks Technology Blog: ABI Research Analyst Insight on Private 5G in 2023 ([link](#))
- RCR Wireless: BT signs mega deal with British Army for 162 private networks (all Wi-Fi, some 5G) ([link](#))
- Firecell: Five cool things about private 5G ([link](#))

## 🕒 Spectrum

- Ars Technica: Scientists conduct first test of a wireless cosmic ray navigation system ([link](#))

- OpenSignal: Italian operators maintain consistent quality while implementing energy-saving practices ([link](#))

**Italian operators reduce the use of the 2100/2600MHz spectrum bands on 4G networks at night in favor of lower frequency bands 800/1800MHz**



\*Bands accounting for less than 1% of readings at all hours of day are excluded  
Data collection period 1 February - 30 May 2023 | © Opensignal Limited



**IoT / M2M / Smart Homes**

- RCR Wireless: Ericsson readies 5G RedCap upgrade to enable “next wave” of cellular IoT ([link](#))
- Vodafone and Extreme E use IoT to help protect Atlantic salmon from the effects of rising water temperatures and changing rainfall patterns ([link](#))

**Virtualization, Cloud & Edge**

- Nice chart of Edge Native security Framework from ETSI's new White Paper No. 55, MEC support towards Edge Native Design ([link](#))

**MEC support towards Edge Native Design**

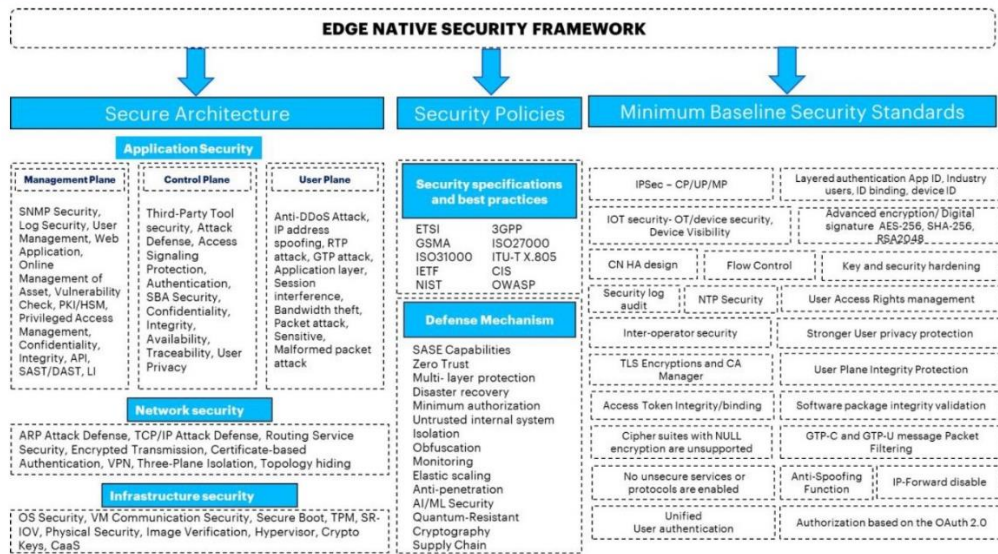


Figure 9: Edge Native security Framework

## 🕒 Security & Privacy

- Deutsche Telekom - News from cybersecurity: Telekom is now "fishing" for vulnerabilities ([link](#))
- During the pandemic, IoT-specific malware infections represented a 700% increase and targeted more than 500 different types of IoT devices, according to global technology intelligence firm ABI Research ([link](#))
- Wired: How a Shady Chinese Firm's Encryption Chips Got Inside the US Navy, NATO, and NASA ([link](#))
- ENISA: Good Practices for Supply Chain Cybersecurity ([link](#))

## 🕒 Connected And Autonomous Vehicles (CAVs)

- Gayan Koralage on LinkedIn: What would it take for electric cars, backpacks, and drones to be part of the telecom tower network elements? ([link](#))

## 🕒 Smartphones, Devices, Wearables & Gadgets

- Dual-SIM Dual-Active or DSDA phones are back in news. Here is our Multi-SIM Terminology & Jargon tutorial ICYMI ([link](#))
- MWL: Samsung opens self-repair in 9 European markets ([link](#))

## 🕒 AI, ML & Automation

- Telecom TV: New partnerships fuel SK Telecom's AI aspirations ([link](#))
- Digits to Dollars: Does AI = GPUs? ([link](#))

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

- AST SpaceMobile Confirms 4G Capabilities to Everyday Smartphones Directly From Space ([link](#))
- Analyst Ben Wood on Twitter: *"Interesting that quite a few of businesses at @glastonbury are using @SpaceX #Starlink to offer resilient comms on site. For many it is essential for card payments but also for other comms requirements if mobile networks buckle under the strain."* ([Tweet](#) with photos)

## 🕒 Wi-Fi

- MWL: TIP advances open Wi-Fi with software overhaul ([link](#))
- Analyst Chris DePuy on Twitter: *"We predict that the revenue generated by Wi-Fi 7 will surpass that of any other Wi-Fi technology within five years. This growth will be primarily driven by Wi-Fi systems utilizing 6 GHz devices..."* ([Tweet](#))
- Broadcom Announces Availability of Second-Generation Wi-Fi 7 Wireless Connectivity Chips ([link](#))

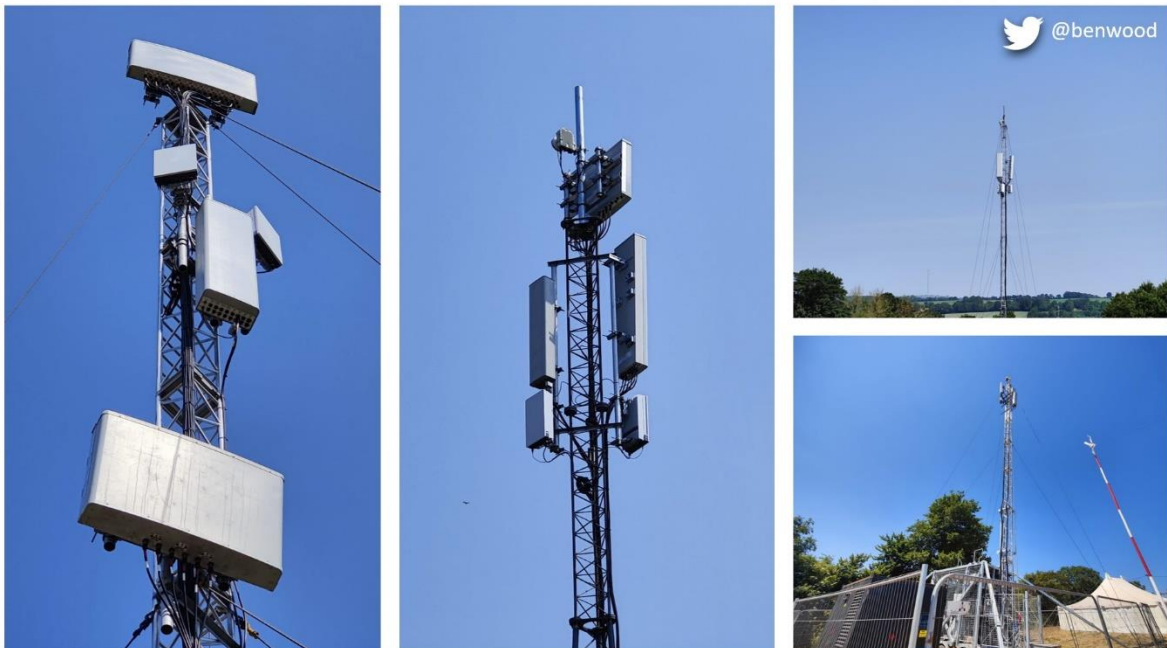
## 🕒 Other News and Technology Stuff

- RCR Wireless: How are next-generation devices testing current test equipment? ([link](#))
- STL Partners Webinar - Gaming: Can it deliver growth for telcos ([link](#))
- New Ericsson Mobility Report, June 2023 ([link](#)) – Twitter threads by Industry Analysts ([Benedict Evans](#), [Dean Buble](#), )
- MWL Blog: Why are QR codes all the rage in Asia-Pacific? ([link](#))

- Rest of World: Here come the “metahumans”: Virtual avatars have real jobs in Indonesia ([link](#))

📷 **Picture of the week:** Glastonbury Festival is the [largest](#) greenfield music and performing arts festival in the world and a template for all the festivals that have come after it. It [aims](#) to encourage and stimulate youth culture from around the world in all its forms, including pop music, dance music, jazz, folk music, fringe theatre, drama, mime, circus, cinema, poetry and all the creative forms of art and design, including painting, sculpture and textile art.

Ben Wood, Chief Analyst & CMO at CCS Insight is out there enjoying the infrastructure along with the performances. He has posted quite a few pictures of the temporary sites by all UK MNOs. Here is a collage from his [Tweet](#).



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](#).