



Mobile & Wireless Roundup #101 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 101st edition of this newsletter. Social Networks are a very strange thing. While we were once very cautious about what others can know about us, nowadays many people want to share too much information (TMI) on them.

Recently I have come across a surprising number of discussions of people trying to give up X (f.k.a. Twitter, which is what I still call it, but also often known as 'Twittex' or 'Xhitter'). The problem is that there just aren't enough substitutes.

For me, the main appeal of Twitter is that I can find unique content that is only available on that platform. In addition, Twitter makes it easy to live Tweet or post updates, create threads using small updates (though premium users can now do long posts but some still make threads using these long posts), older X posts or Tweets are still easily searchable and can be embedded within articles and blog posts.


Meta is out of question for me for work, though I often try and post some of my updates there. The interface is clunky and the whole process is long and slow. The platform already knows too much about me, thanks to WhatsApp so I am reluctant to use it even further.

On the other hand, while LinkedIn is becoming a de facto choice for work updates, I struggle to find things, even the ones that I posted some weeks ago. Their algorithms seem to keep changing and there is no consistent user experience.

I have to admit that all these social networks have one common issue, which is that spammers find a way to keep spamming and you have no control over this. Also, there is no easy way to report their own bugs and issues. If they block a post or shadow ban you, then all you can do is just pray!

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.



Pegasus 5G

Firecell's Pegasus is the first Private 5G solution as simple as Wi-Fi to acquire, install and manage

Know more ↓




This newsletter is kindly sponsored by Firecell - the Private 5G experts

🕒 6G

- Patrick Lopez on LinkedIn: *"I guess I woke up grumpy today 😊. My latest post on the fallacy of relying on technology for #5G or #6G economic success..."* ([link](#))
- The Fast Mode: Exploring How ISAC Paves the Way for Smart Factory Implementation ([link](#))
- Free 6G Training: The Great 6G Spectrum debate ([link](#))

Spectrum for 6G – new and re-farmed bands



Wide area capacity and data rate boost

14.800 GHz	550 MHz	15.350 GHz *
7.125 GHz	1275 MHz	8.400 GHz *


Expansion of existing mid-bands


6.425 GHz	700 MHz	7.125 GHz
4.400 GHz	400 MHz	4.800 GHz *

Coverage at low bands **

470 MHz	220 MHz	690 MHz
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Note: only part of these spectrum blocks will be possible in each geographical regions
* For study towards WRC-27
** Initial proposal to be considered for WRC-31

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#Free6Gtraining


🕒 5G

- The 3G4G Blog: 3GPP Release 18 Description and Summary of Work Items ([link](#))
- CelcomDigi, U Mobile and ZTE set new record for fastest mobile speed at 30.8 Gbps, powered by 5G-Advanced ([link](#))
- Nick vs Networking: 5G Core – The Service Based Architecture concept ([link](#))
- GSMA whitepaper on 5G RedCap Case Studies from China ([link](#))
- Alok Tripathi on LinkedIn: The lack of 5G Standalone Networks & Performance Degradation Concerns ⚠️ ([link](#))

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

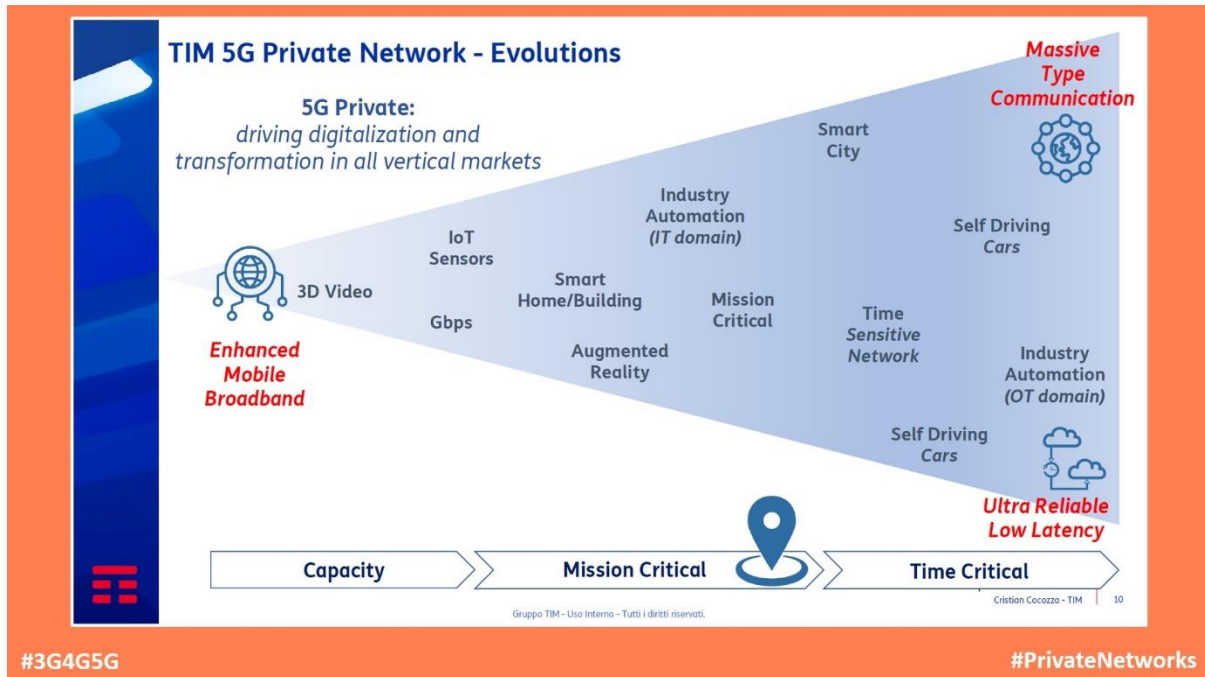
- AWTG Whitepaper: Open RAN Innovations ([link](#))

🕒 Spectrum

- Fierce Network Op-Ed - Spectrum Sharing: Preparing for WRC-27 ([link](#))

🕒 Private Networks

- RCR Wireless: Telekom Malaysia deploys private 5G at Petronas oil and gas plant ([link](#))
- Private Networks Technology Blog: Telecom Italia's Private 5G Experiences ([link](#))



🕒 Telecoms Infrastructure, Small Cells, Antennas & others

- Paul Rhodes on LinkedIn - Monday Musings: Olympic Special Coverage! ([link](#))
- Tutorial presentations and videos from 'The ATIS Workshop on Synchronization and Timing Systems 2024' ([link](#))
- TMN: EE takes small cells past a thousand ([link](#))
- Paul Rhodes on LinkedIn: Friday Thoughts, Small Cells, Big Benefits 2! ([link](#))

🕒 IoT / M2M / Smart Homes

- Dean Bublely on LinkedIn: "...there's a growing interest in #ambient #IoT technology, but how far can it go? ..." ([link](#))
- Fierce Network: The lack of 5G standalone networks slows RedCap deployment ([link](#))

🕒 Virtualization, Cloud & Edge

- Paul Rhodes on LinkedIn - Thursday School: Networks Architecture of the Future 4! ([link](#))

🕒 Security & Privacy

- Lory Piccirilli Thorpe on LinkedIn: "Meta's service encryption team published a document describing how Meta are transitioning to post quantum cryptography. The document

describes the work done so far, including how the threat of Store Now Decrypt Later (SNDL) is being addressed..." ([link](#))

- NIST Releases First 3 Finalized Post-Quantum Encryption Standards ([link](#))
- Silke Holtmanns on LinkedIn: "If you procure equipment now that might be in the field for 15+ years, you may want to consider those algorithms, or at least make sure that the algorithms in your equipment can be updated with them (e.g., that for example the potentially longer key size is possible and not hard coded too small)..." ([link](#))

🕒 AI, ML & Automation

- AI-RAN Alliance Announces Appointment of Dr. Alex Jinsung Choi as Chair ([link](#))
- Jinsung (Alex) Choi on LinkedIn: 🚀 Introducing the AI RAN Alliance 🚀 ([link](#))
- SKT-Nokia monitors wired network status with AI ([link](#)) - Tracking the impact of weather, earthquakes, construction, etc. on optical cables with 'fiber sensing' technology
- Alex Jinsung Choi on LinkedIn: 🌐 Transforming the Future of Telecommunications with Innovative AI 🌐 ([link](#))
- Alok Tripathi on LinkedIn: Part 3 - Is there a comprehensive definition of "AI Native" Network? ([link](#))

🕒 Satellites, HAPS, Drones, UAVs & Space

- Developing Telecoms: Starlink gets a licence to launch service in Sri Lanka ([link](#))
- RCR Wireless: Skylo supports NTN emergency connectivity on Google Pixel 9 ([link](#))

🕒 Wi-Fi

- The Straits Times: Why am I not getting the broadband speeds I paid for? ([link](#))

🕒 Metaverse & Extended Reality (XR)

- Benedict Evans on LinkedIn: "Metaverse was the weirdest piece of collective delusion I can think of in tech history..." ([link](#))
- IEEE Innovate: Reaching Toward the Metaverse ([link](#))

🕒 Other News and Technology Stuff

- To QoE or not to QoE: Towards QoE-aware Resource Allocation for Real-time Media ([link](#))
- World's Largest Mobile Networks by Data Traffic - Q1 2024 ([link](#))

🕒 **Picture of the week:** A couple of months ago one of my Apps reminded me it's 10 years since I spoke on how [LTE-Broadcast](#) (a.k.a. eMBMS) won't have a business case to succeed. Surprisingly I think I may have been the only person then to be critical of the business case, everyone else was a cheer leader. So it was nice to see Sebastian Barros sharing a picture from 1969 where people at the Greyhound Bus terminal in Los Angeles watched coin-operated television sets. You can read about it [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](#).