

Mobile & Wireless Roundup #42 (see original on [LinkedIn!](#))



By Zahid Ghadialy

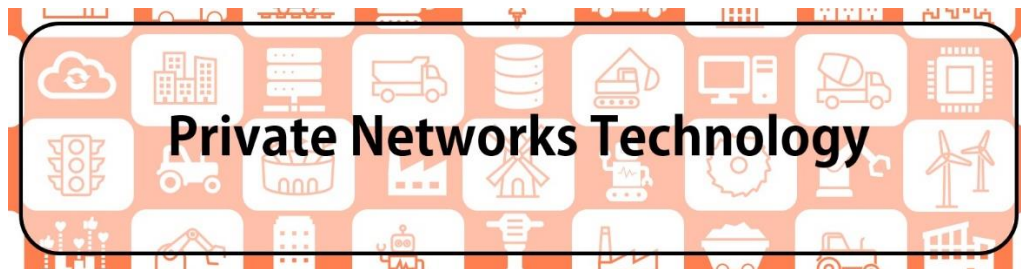
Welcome to the 42nd edition of this newsletter. A long time ago, I created the first version of the [3G4G](#) website. I didn't have the domain name so it was a free site on [GeoCities](#). There were basic templates available in HTML, what we call today [Web 1.0](#). I copied the HTML, gave it a Zahid twist and voila! the first version of website (can't remember what it was called) was up.

GeoCities soon realised that in order to survive they had monetise these free sites and start putting ads. The static web forced them to have frames with ads and all kinds of pop-ups. It was a horrible experience. Getting a domain name was expensive back then and the worst of all that the domain name was often unavailable because it was either taken or being held hostage by a domain reseller.

In addition to all these, you had to find a website to host your content. There were monthly charges for this and finally, one had to either get an expert to make a website or get some software which was always tricky.

Fast forward to today, many, if not all of these issues have been resolved. There are many new and cheap Top-Level Domains (TLDs), some 1500 of them are listed [here](#). Most people don't remember any websites, they just rely primarily on search engines, so it doesn't matter if your TLD is not one of the top five. Hosting websites is again very easy. I rely mostly on Blogger and Google sites for free hosting and blogs. There are great many YouTube tutorials available for any issues you may have.

As someone who believes in doing rather than just talking, here is my new project. Click on the banner  to learn more. Here I tried to use Google sites as well as Blogger with the same domain. Let me know what you think .



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: Is Cohere targeting Open RAN to promote OTFS and USM for 6G? ([link](#))
- Telecoms.com: What is 6G? ([link](#))
- MathWorks: What Is 6G? ([link](#))

🕒 5G

- IPLYtics: Demystifying the 5G standardization process – What can data tell us? ([video](#))
- The latest issue, Issue 06 (May 2023), of 3GPP Newsletter, 3GPP Highlights has landed ([link](#))

#Free5Gtraining

#3G4G5G

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

- NTT DOCOMO Technical Journal - Toward Open and Intelligent Wireless Networks: Initiatives toward Intelligent RAN ([link](#))
- Alex Jinsung Choi, Chairman of O-RAN Alliance on LinkedIn: "Black Swan and O-RAN..." ([link](#))
- Eugina Jordan, CMO of TIP in LinkedIn: "Telecom Infra Project's Open Optical & Packet Transport (OOPT) group has been making great strides in advancing the development of open networking solutions.." ([link](#))
- TIP: The Open RAN MoU Release 3 aims to summarize supplementary notes on technical priority updates ([link](#))

🕒 Spectrum

- Light Reading: AT&T to lease spectrum to AST SpaceMobile for D2D ([link](#))

🕒 Private Networks

- Case study by Netmanias Consulting on Korea Electronic Power Corporation (KEPCO) 's private 5G network deployment in Korea: Substation ([link](#))

🕒 Telecoms Infrastructure, Small Cells, Antennas & others

- Light Reading: Intel's CPU decline may portend its RAN fate ([link](#))
- Tom Rebbeck on Twitter: "Another example of telcos unbundling themselves. Windtre Italy selling off its mobile/fixed networks to a new entity (40% owned by Hutchison, 60% by EQT)..." (Twitter [thread](#))

🕒 Security & Privacy

- The Straits Times, Singapore: Woman who scanned QR code with malware lost \$20k to bubble tea survey scam while she was sleeping ([link](#))
- Tweet by 3G4G: "Private Cellular Networks Attack Map by OneLayer" ([Tweet](#) with photo)
- Euractiv: Swedish Council presidency presents first full rewrite of Cyber Resilience Act ([link](#))

🕒 Connected And Autonomous Vehicles (CAVs)

- TMN: Understanding the Cellular V2X ecosystem ([link](#))
- Qualcomm to Acquire Autotalks ([link](#))

🕒 Smartphones, Devices, Wearables & Gadgets

- Digital Radio FM Insider Blog: FM Radio and Smartphones Go Together in World's Most Populous Nation ([link](#))
- MWL: Google takes wraps off first foldable ([link](#))
- The Globe and Mail, Canada: BlackBerry through the years ([link](#))
- Ben Wood on Twitter: *"In case you missed it, @Sony has quietly slipped out an update to its flagship smartphone range: #Xperia1V. The company continues to target the content creator niche with powerful camera capabilities and fantastic audio support (including a 3.5mm jack). youtu.be/UOo9szWkl-o"* ([Tweet](#) with pictures)



🕒 AI, ML & Automation

- TMN: Orange's network automation plan ([link](#))
- Presentation from Qualcomm Research on Applying AI/ML to solve difficult wireless challenges ([link](#))
- Iason Gabriel on Twitter: *"General AI systems are likely to impact everyone, irrespective of place of birth 🌍. What principles would be chosen to govern AI if we didn't know who we were, or how we'd be affected in advance i.e from behind a global 'Veil of Ignorance'?..."* (Twitter [thread](#))

🕒 Satellites, HAPS, Drones, UAVs & Space

- Ookla: New Speedtest Data Shows Starlink Users Love Their Provider ([link](#))
- Twitter thread by Dean Bubley from ConnectX USA ([link](#))
- Light Reading: Globalstar hints at life after the iPhone ([link](#))

- Connectivity Technology Blog: NICT Japan's Versatile Miniaturized Lasercom Terminals for Moving Platforms ([link](#))

National Institute of Information and Communications Technology Thoughtful Discussion: Integrated Space-Air-Ground Networks for Global Connectivity- 8 

NICT's versatile miniaturized lasercom terminals for moving platforms

NICT's lasercom terminals for small platforms:
Fit different application scenarios



Connectivity. Technology #3G4G5G

🕒 Wi-Fi

- Computer Weekly: ThinkWiFi launches first Kenyan commercial outdoor deployment of TIP OpenWiFi ([link](#)) – official blog post from TIP [here](#).

🕒 Metaverse & Extended Reality (XR)

- Operator Watch Blog: KDDI Launched their Metaverse and Web3 Service called αU (Alpha-U) ([link](#))
- Forbes Technology Council: How Passthrough XR Is Helping Create A True Mixed Reality Future ([link](#))

🕒 Public Safety Networks

- Light Reading: UK's ESN watches on as LTE public safety networks proliferate ([link](#))

🕒 Sustainability

- Light Reading: Telefónica starts countdown to copper switch-off ([link](#)) – Telefónica press release [here](#).
- Zahid Ghadialy on Twitter: "3% of world's power is consumed by datacentre. 1/3 of that is consumed by Hard disk drives (HDD). Moving to flash (NAND) will reduce power consumption by ~80%. That's why hyperscaler's are planning to move from HDD to NAND. 2028 will be crossover year." ([Tweet](#))

🕒 Other News and Technology Stuff

- Light Reading: UKTIN seeks to rejuvenate British telecom R&D ([link](#))
- Dheeraj Sharma on LinkedIn: "At the heart of Netflix's sophisticated movie recommendation system is SVD!" ([link](#))
- MWL: Google goes all-in on AI at I/O ([link](#)). Video from The Verge ([link](#))

- NTT Technical Review: Report of the First ITU-T TSAG Meeting for the 2022–2024 Study Period ([link](#))
- Light Reading: US pay-TV loses historic worst 2.31M subs in Q1 ([link](#))
- Makezine: Which Laser Should You Buy? ([link](#))

📷 **Picture of the week:** The Blackberry story I mentioned above 👍 have some fantastic pics of BB from many different years. This picture shows a BlackBerry containing an EKG sent from an ambulance, similar to the one used to save the life of heart attack victim on the left. The transmission of EKG data directly from the ambulance to a BlackBerry-equipped cardiologist at the hospital allowed the patient to bypass the ER and head directly into a cardiac care suite, saving ER resources and precious minutes for the patient. Remember, this was on 3G 😊.



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](#).