



Mobile & Wireless Roundup #57 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 57th edition of this newsletter. As an engineer by trade, I am always curious about how things are made. Having gone through the whole process of my house renovation including a loft construction and kitchen extension, I quite enjoyed learning about the whole process. As a builder you need to know all about different kinds of wood, bricks, cement, concrete, etc. The real question though is where is the value?

You see there are manufacturing companies that create goods. Then there are builders that construct the houses using these materials and finally you have the painters and decorators that give individual identity to the house. As long as a house is constructed to reasonable standards, nobody generally notices the materials or the build, only how aesthetically pleasing it looks at the end.

A similar question comes up regarding mobile networks. Where exactly lies the value? Right now as the incumbent vendor's monopolies are being challenged with the whole open networks, there are a lot of discussions on the individual components and the equipment. When operators deploy the networks there is a lot of discussion on their coverage, capacity, speeds, reliability, etc., but the real value lies in what gets built on top and how it can help everyone.

Right now we are still restricted to what we can achieve because of the limitations on what equipment is available, what it can work with, how easy is it to rip-and-replace, etc. While we are solving these issues, mobile operators are already working on how to improve their metrics with the limited budget availability. Finally, we have many different creators, designers, entrepreneurs, etc., who are trying to find ways to create value added products and services that can either work with whatever is available or find a new way. There are plenty of challenges and innovations to grapple with.

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: Samsung Researchers on Compute Platform Considerations for 6G vRAN ([link](#))

5G

- RCR Wireless: Network slicing? 'It's time,' says T-Mo CTO ([link](#))
- Operator Watch Blog: United Arab Emirates has a Fantastic 5G Experience but Coverage Needs to Improve ([link](#))

4G/LTE

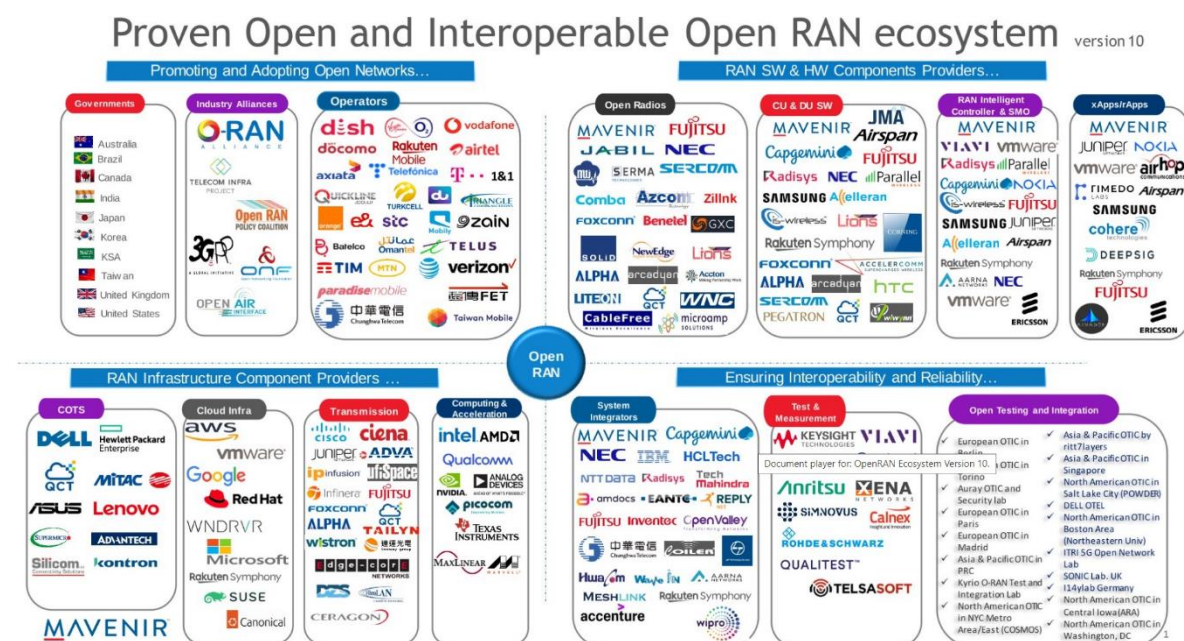
- Vodafone UK: Ten things you never knew about Vodafone 4G ([link](#))

2G/3G

- Light Reading: China Telecom customers in Guangdong stranded in 2G shutdown ([link](#))

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

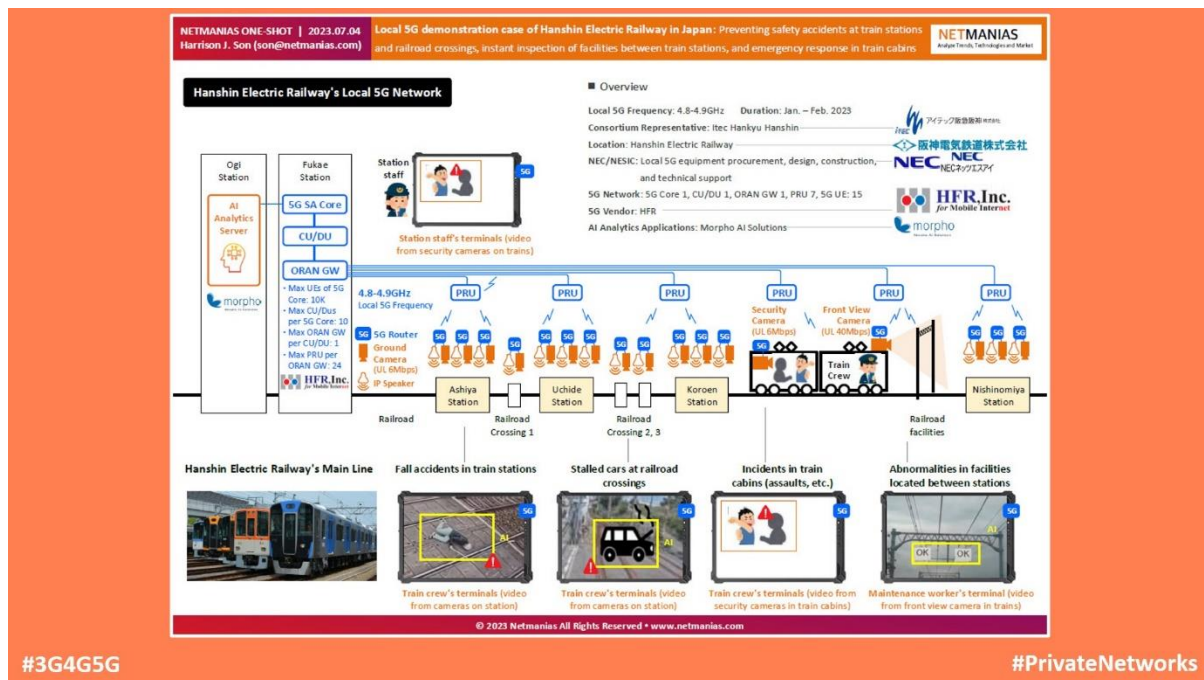
- John Baker on LinkedIn: 108 Suppliers - OpenRAN Ecosystem version 10. ([link](#))



- Vodafone UK: Huge network upgrade begins as Vodafone finishes OpenRAN tests ([link](#))
- Deutsche Telekom and partners demonstrate non-real time RAN optimization using O-RAN based Non-RT RIC in a multi-vendor environment ([link](#))
- Jinsung (Alex) Choi on LinkedIn - Look Right: Future of O-RAN RIC ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Intent-Based Autonomous O-RAN with On-prem LLM ([link](#))
- Jinsung (Alex) Choi on LinkedIn: O-RAN Network Troubleshooting with Knowledge Graph Augmented Large Language Models ([link](#))

🕒 Private Networks

- Private Networks Technology Blog: Japan's Hanshin Electric Railway's Local 5G Network ([link](#))



- Fierce Wireless: There's confusion about the definition of private wireless — Industry Voices: Pongratz ([link](#))

🕒 Telecoms Infrastructure, Small Cells, Antennas & others

- Paul Rhodes on LinkedIn - Thursday School : Concealed Coverage Infrastructure ([link](#))

🕒 Smartphones, Devices, Wearables & Gadgets

- The Verge: Google kills Pixel Pass without ever upgrading subscriber's phones ([link](#))

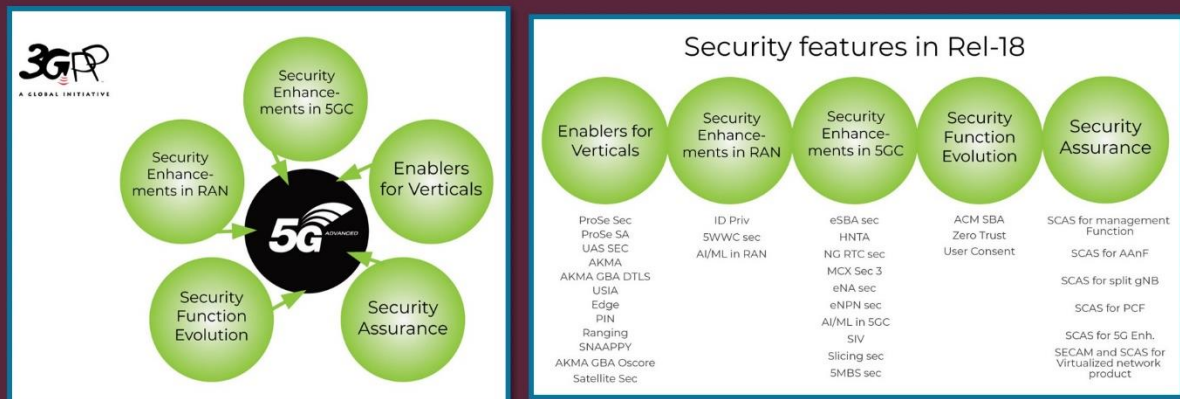
🕒 AI, ML & Automation

- Eugina Jordan on LinkedIn: AI in Telecom: How It Can Benefit Networks - Part 1 ([link](#))

🕒 Security & Privacy

- Presentations available from ITU Workshop on "Zero Trust and Software Supply Chain Security" ([link](#))
- Forbes: A Fake Signal App Was Planted On Google Play By China-Linked Hackers ([link](#))
- DDoS Attacks in H1 2023 Up 200% from 2022 According to New Zayo Data ([link](#))
- 3GPP Rel-18 Security feature summary ([link](#))

3GPP Rel-18 Security feature summary



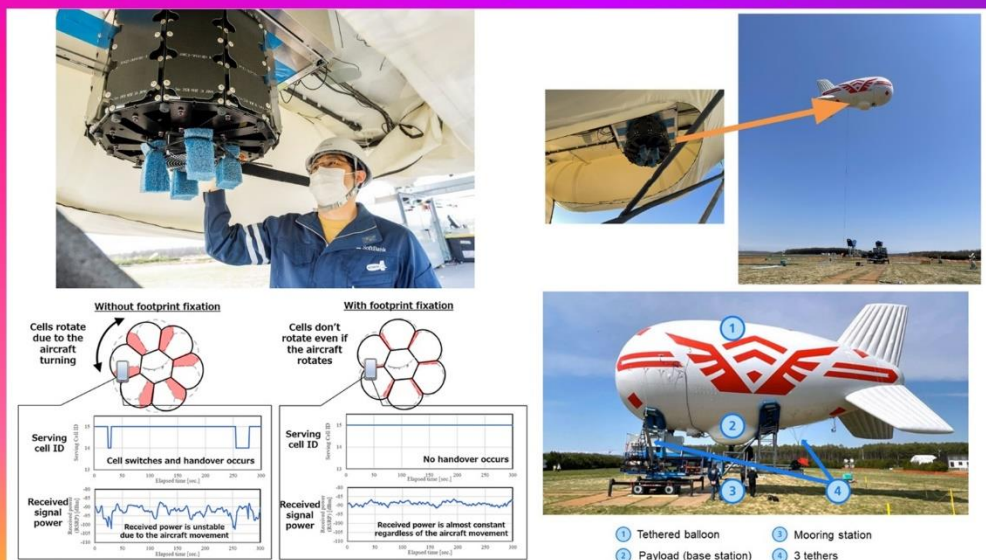
#Free5Gtraining

#3G4G5G

☉ Satellites, HAPS, Drones, UAVs & Space

- Connectivity Technology Blog: Softbank's Cylindrical Antenna for HAPS to Reduce Handovers ([link](#))

Softbank's Cylindrical antenna to realize footprint fixation technology mounted on ST-Flex



Connectivity Technology

#3G4G5G

☉ Wi-Fi

- Neil Shah on LinkedIn: 5G + Wi-Fi 7 Chronicles - Part 1 ([link](#))

☉ Other News and Technology Stuff

- Luke Kehoe on LinkedIn: "Ofcom's 2023 Communications Market Report is a sobering illustration of the deepening challenges facing the UK's telecoms industry..." ([link](#))
- Developing Telecoms: South Africa's MTN now offers funeral cover – via WhatsApp ([link](#))

- Tele2 is the First Operator in Sweden to Launch a Broadband Connection Guarantee ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Network of Networks as a Service (NNaaS) ([link](#))

📷 **Picture of the week:** Mobile network masts in Marrakech, Morocco, cleverly disguised as palm trees via Kris Szaniawski on [Twitter](#).



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](#).