

Mobile & Wireless Roundup #47 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 47th edition of this newsletter. This was a busy week as I had quite a few in-person meetings as well as events. At the Future Enterprise Networks event in London, I was pleased to see so many companies explain how they are already using private 5G networks to overcome their challenges.

The last talk that I was able to attend, from Lufthansa Industry Solutions, was an eye opener. One of their [use cases](#) involved transmitting live HD video feed while inspecting the planes. 5G was the only technology for them that could guarantee the consistent quality.

Another event I attended was Cambridge Wireless' 'Hybrid networks – the challenges of combining public and private cellular networks'. During both these events we had good talks from neutral host network providers. It was great to hear that we will be getting improved coverage in buildings as well as in metros and subways. It might take a bit more time to get a consistent quality coverage in high-speed trains though.

Over the years I have been supporting Cambridge Wireless' Technology & Engineering Conferences. This year is no different. You can use the code 3G4G100 for a 100% discount 🙄.



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.

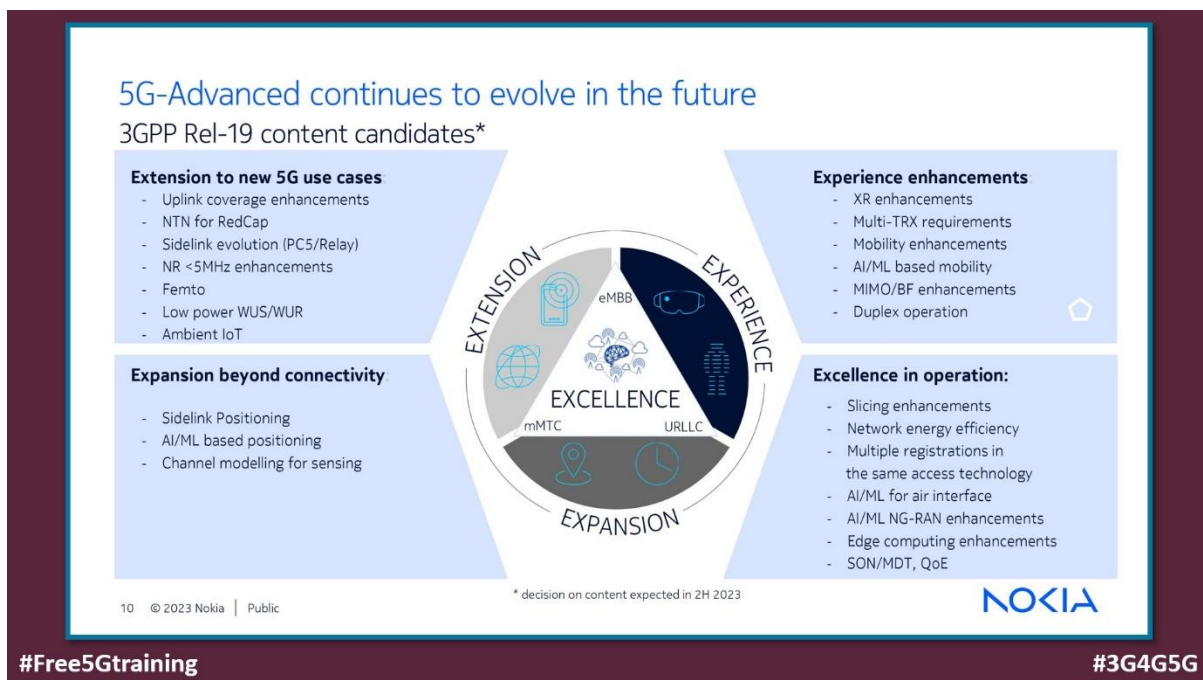
📡 6G

- Free 6G Training: OPPO 6G White Paper - A Versatile 6G with Minimized Kernel: To build the mobile world ([link](#))

📡 5G

- CCDCOE: China's Approach to Military 5G Networks and Related Military Applications ([link](#))
- The Washington Post: 5G was an overhyped technology bust. Let's learn our lesson. ([link](#))
- Operator Watch Blog: Everything is Hunky-Dory in Austria as 5G Rollouts Gather Momentum ([link](#))

- Overview of Core Network Technologies for Voice Calls with 5G Standalone from NTT Docomo Technical Journal ([link](#))
- 3GPP Rel-19 candidates by Nokia ([link](#))



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

- The Fast Mode: KDDI Starts Deployment of TIP's DDBR as Internet Gateway Peering Routers ([link](#))
- RCR Wireless: O-RAN Alliance details spring plugfest ([link](#))

🕒 Private Networks

- Twitter thread from the 'Future Enterprise Networks' event (#FEN2023) in London ([link](#))
- Twitter threads from the 'Hybrid networks – the challenges of combining public and private cellular networks' ([thread #1](#), [thread #2](#))
- Private Networks Technology Blog: NTT Docomo's Local 5G Construction Support ([link](#))
- Light Reading: India may opt for private network 5G spectrum leasing by telcos ([link](#))
- Private Networks Technology Blog: Deutsche Telekom Deploys 5G Campus Network in Port of Duisburg ([link](#))

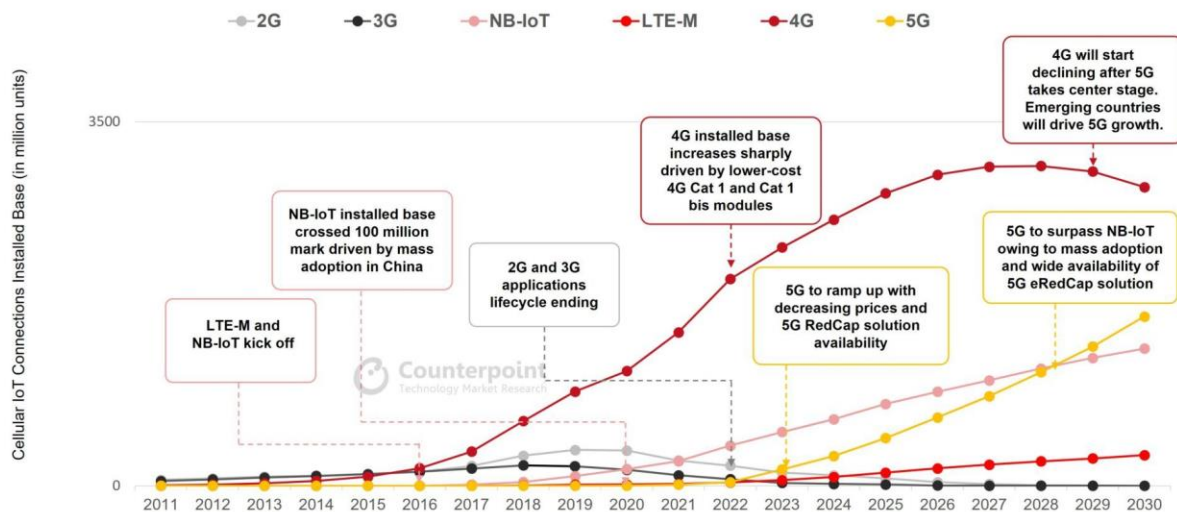
🕒 Telecoms Infrastructure, Small Cells, Antennas & others

- Paul Rhodes on LinkedIn - 40 Years of UK Telecoms Supply-Chain Evolution: From Cookie Cutter to Bespoke ([link](#))

🕒 IoT / M2M / Smart Homes

- Analysys Mason: The GSMA's new IoT eSIM specification is a step forward in realising the full potential of eSIMs in IoT ([link](#))
- RCR Wireless: NB-IoT 'stagnant', LTE strong, RedCap ready – cellular IoT growth to spiral upwards ([link](#))
- Counterpoint Research: Global Cellular IoT Connections to Cross 6 Billion in 2030 ([link](#))

Cellular IoT Connections Installed Base



📍 Security & Privacy

- BBC News - MOVEit hack: Media watchdog Ofcom latest victim of mass hack ([link](#))

📍 AI, ML & Automation

- Andreessen Horowitz: Why AI Will Save the World ([link](#))

📍 Wi-Fi

- Plume IQ—Interference: Neighboring WiFi networks up 11% ([link](#))

📍 Metaverse & Extended Reality (XR)

- The Guardian: Who needs the Metaverse? Meet the people still living on Second Life ([link](#))
- Nokia and EY study: Enterprise and industrial metaverses are exceeding expectations ([link](#))

📍 Sustainability

- Telecoms Infrastructure Blog: Du's Solar Sites in UAE ([link](#))

📍 Other News and Technology Stuff

- NTT Technical Review: Recent Activities of QoE-related Standardization in ITU-T SG12 ([link](#))
- Dean Buble's summary of ISPA UK Business Models event ([link](#))

📍 **Picture of the week:** Today we share a picture (source [Tweet](#)) by Bruno Jacobfeuerborn, CEO of Deutsche Funkturm, Germany's leading TowerCo. This site at Inselsberg in the Thuringian Forest recently celebrated 70 years of [VHF](#) ([UKW](#) in German) transmission. Fantastic pictures of the site [here](#) as well as [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](#).