

# Mobile & Wireless Roundup #3

By Zahid Ghadialy

Welcome to the third edition of the weekly (or so) newsletter. For those of you who don't know me, I am a technologist with over 23 years' experience in mobile wireless technology, currently working as an independent 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

- The 3G4G Blog: Demystifying and Defining the Metaverse ([link](#))
- Free 6G Training: SK Telecom Claims 'Bare Metal-Based Cloud-Native 5G Core' as Foundation for 6G Evolution ([link](#))
- Samsung's 6G Spectrum Whitepaper Discusses Candidate Bands ([link](#))
- Free 6G Training: Germany Launches 6G-Access, Network of Networks, Automation and Simplification (6G-ANNA) Project ([link](#))
- Access Partners Whitepaper - Operators, Responsibility and Design: Is it possible to design a 6G system that users want? ([link](#))

## 📡 5G

- 5G Futurgazing from CNet: "5G Is Here, Sort Of: These Are the Innovations We're Waiting For" ([link](#)) – As a 5G realist, I see too many problems scenarios listed here.
- Operator Watch Blog: Singtel Surpasses 95% Nationwide 5G Standalone Coverage in Singapore ([link](#))
- New 5G Americas Whitepaper: Commercializing 5G Network Slicing ([link](#))
- OpenSignal: Switzerland users get faster speeds and better video on 5G than on wifi ([link](#))
- Positioning in 5G and 6G Networks—A Survey ([link](#))
- Small Cell Forum releases updated 5G FAPI and 5G nFAPI specs, extending the feature sets – including NR positioning and 7.2x FH status awareness ([link](#))

## 📡 4G/LTE

- 3GPP SON Series: The role of Mobility Robustness Optimization (MRO) in 4G and 5G Networks ([link](#))
- Operator Watch Blog: Uruguay is a Land of Opportunity and Connectivity ([link](#))

## 📡 Open RAN

- Eiko Seidel: O-RAN Massive MIMO Technical Report has been published ([link](#))

## 📡 Private Networks

- Fierce Wireless: BMW builds open RAN 5G testbed ([link](#))
- ICYMI – My tutorial on Private Networks & 5G Non-Public Networks ([link](#))

## 📡 IoT / M2M

- Transforma Insights: Global IoT connections to hit 29.4 billion in 2030 ([link](#))

- Telecom TV: Telefónica integrates terrestrial 5G and LEO satellites for extensive IoT reach ([link](#))
- HT Matt Hatton: The IoT MVNO M&A continues, as Wireless Logic acquires Mobius Networks. Mobius has a heavy focus on security, ever more a consideration for enterprises ([link](#))

### 🕒 Security & Privacy

- TMN: Mobile network security researcher issues cloud warning ([link](#))

### 🕒 Artificial intelligence & Machine Learning

- The latest edition of ETSI's Enjoy! Magazine looks at Securing Artificial Intelligence ([link](#))

### 🕒 Wi-Fi

- Extreme Networks: "For the first time in 20 years, Wi-Fi does not require backward compatibility. I am talking about Wi-Fi 6E and the 6 GHz frequency band." ([link](#))

### 🕒 Other News and Technology Stuff

- Neom in Saudi Arabia is planning \$1 trillion mirrored skyscraper that will be 120km long, 0.5km high and will take roughly 50 years to complete. Will accommodate 5 million people, vertical farming, a marina for yachts, and a sports stadium ([link](#)) – my Tweet on that generated all kinds of strange responses ([link](#))
- CNet: Intel's Turnaround and US Chipmaking Get a Boost With MediaTek Deal ([link](#))
- Nokia radio technology is enabling AST SpaceMobile's direct-to-cell phone connectivity from space ([link](#))
- TelecomTV: Red faces all round as UK government seeks to offload OneWeb ([link](#))
- The Verge: The electricity demands of data centers are making it harder to build new homes in London ([link](#))
- IEEE Spectrum: This Computer Pioneer's Invention Made Zoom Possible The service uses Erol Gelenbe's packet-voice telephone switch ([link](#))
- Yahoo News: Here's why a four-day working week trial in Telefonica Spain has not been a runaway success ([link](#))

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!