



## Mobile & Wireless Roundup #80 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 80th edition of this newsletter. I am delighted to be [nominated](#) for 'Personal Contribution to the Mobile Ecosystem' at MEFFYS 2024. If you would like to support my work, please vote for me [here](#) 😊.

The big news this week was that of OpenAI launching a tool called '[Sora](#)' that instantly creates video from text. A fantastic video summarising this [here](#). These kinds of advancements always amaze me due to the ability of what we are able to do, but there are still simple trivial tasks that are yet to be simplified further. Let me explain.

When we make presentations, we often tend to use publicly available images, mostly on Google search. Many of these images are copyrighted. As far as I know, majority of the people tend to ignore the copyright. Some people for instance use my slides and images without even giving any credit to me or my company.

Now there are image trolls that go through these public presentations and if they find images used from licensed sites without license or proper credits, they are asking the companies hosting presentations for compensation. I personally know an organisation impacted by these trolls. This means that they are unable to put presentations publicly on the net.

Anyways, I started to license some of these images to be on the safe side and ended up with an icon library in jpeg format. I would have thought that removing the background to make them transparent should be a trivial task but I found it quite challenging and time consuming. As I am not a designer, even the tools I use like Gimp can be frustrating. Online tools offering this capability return unsatisfactory results. Hopefully AI will be able to do a much better job in the future when I can just ask it to do this and it returns a perfectly transparent image with sharp edges. Until then I will keep designing my own icons.

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 others news that caught my attention since the last newsletter.



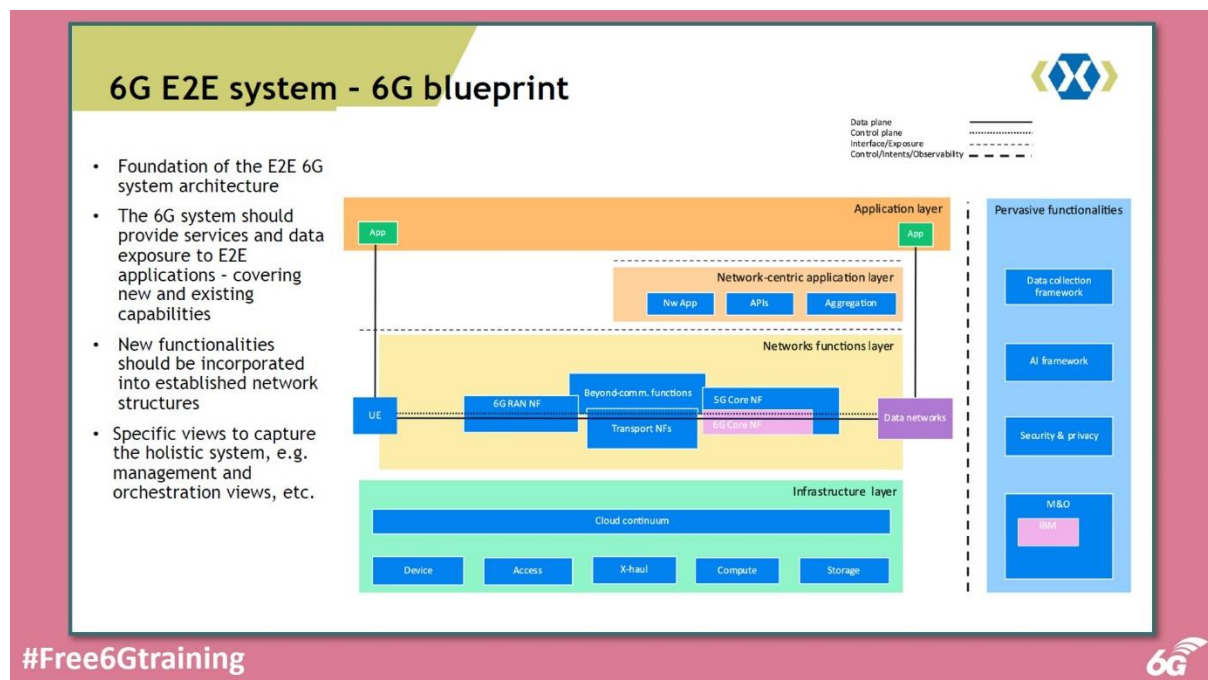
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26 - 29 FEB  
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- Dean Bublely on LinkedIn: I'm starting to think a lot more about #6G regulatory themes ([link](#))
- NGMN publishes ITU-R Framework for IMT-2030: Review and Future Direction ([link](#))
- Dean Bublely on LinkedIn: "This week I listened in to the (virtual) #6G conference run by the Hexa-X-II European research group..." ([link](#))
- Free 6G Training: Hexa-X-II's Workshop on Enablers for 6G System Blueprint ([link](#))



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- Ookla: Consumers Enjoy Better 5G Coverage in U.A.E. Malls Than Those in Qatar and Saudi Arabia ([link](#))
- RCR Wireless: The story of an Orange (network) slice—and a vocabulary lesson ([link](#))
- RCR Wireless: 10 new 5G projects get €50m EU funds – for healthcare, public safety, logistics ([link](#))

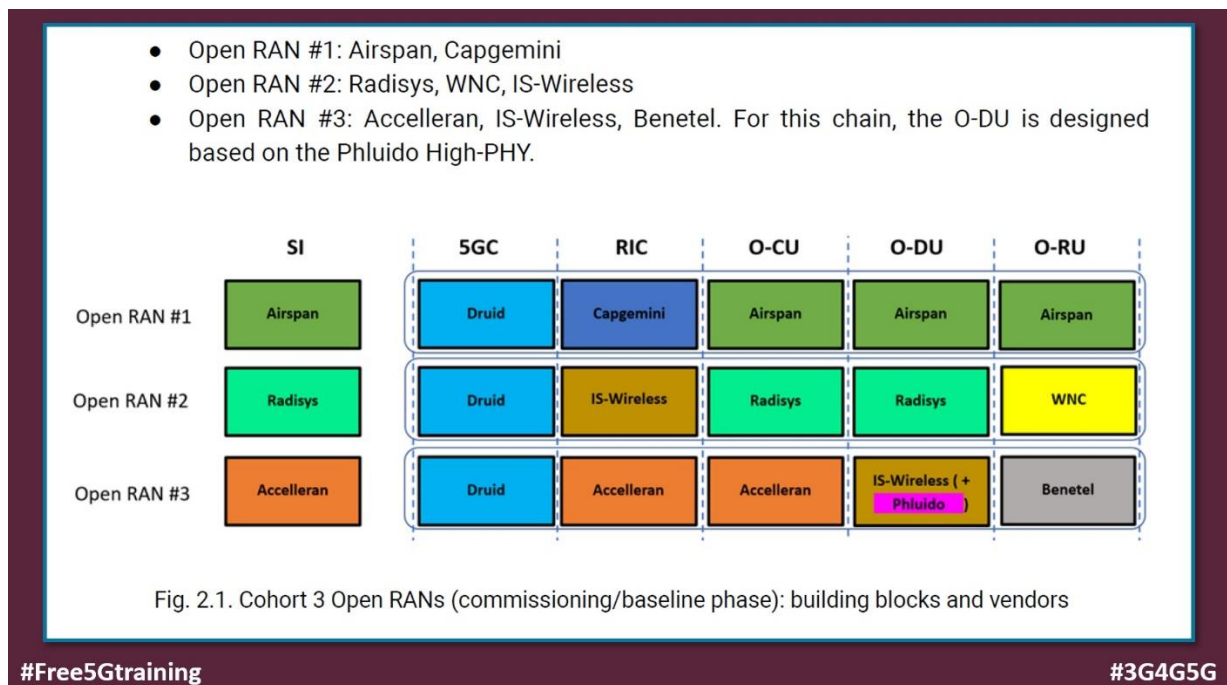
- Telstra, together with Ericsson and Qualcomm Inc. announce world-first 340 Mbps uplink speed over 5G Standalone using sub 6 GHz frequencies in a live commercial network ([link](#))
- Nick vs Networking: How 5G “Slices” are purchased and activated in Android ([link](#))

### 🕒 4G/LTE

- Operator Watch Blog: Samoa is Content with 4G/LTE, no Plans for 5G ([link](#))
- Nick vs Networking: How do you know if they’re roaming? Charging challenges in IMS for Roamers ([link](#))

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

- Jinsung (Alex) Choi on LinkedIn - Open Networking: Disaggregating SmartNICs with DPU and SONiC-DASH ([link](#))
- Digital Catapult's SONIC Labs – Cohort 3 Insights Report is packed with some good Open RAN insights ([link](#))



- Jinsung (Alex) Choi on LinkedIn - From Real-Time Decisions to Continuous Learning: The AI/ML Revolution in O-RAN RIC ([link](#))
- The Verge: The US government makes a \$42 million bet on open cell networks ([link](#))
- Samsung and Vodafone Complete First Data Call With AMD Processors on an Open RAN Network ([link](#))
- Jinsung (Alex) Choi on LinkedIn - Unlocking Network Potential: The Transformative Power of O-RAN Flexibility ([link](#))
- DOCOMO to Collaborate with AT&T, Verizon and Jio for Open RAN Verifications — Awarded \$42.3 Million NTIA Grant for Open RAN Development ([link](#))
- Jinsung (Alex) Choi on LinkedIn - Beyond Acceleration: The Transformative Power of 'Standalone' Merchant AI Chips in O-RAN ([link](#))
- TMN: Open RAN sausage starts to sizzle ahead of MWC ([link](#))
- SCF and O-RAN ALLIANCE Strengthen Collaboration towards Open and Intelligent Radio Access Networks ([link](#))

- TELUS partners with Samsung to build Canada’s first 5G Virtualized RAN, Open RAN network ([link](#)) – Alok Tripathi’s analysis on LinkedIn [here](#).

### 🕒 Spectrum

- RCR Wireless: India starts process to award more spectrum this year ([link](#))
- Global snapshot of spectrum optimized for Industrial IoT / Vertical / Private Networks Use by Qualcomm, May 2023 ([link](#))

### 🕒 Private Networks

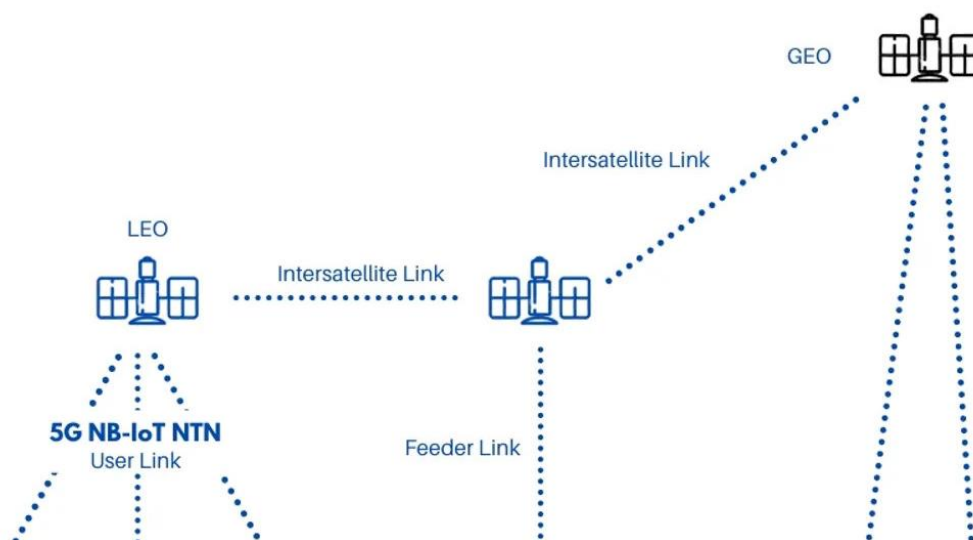
- Private Networks Technology Blog: Private 5G in Plantations and Air to Ground in Australia ([link](#))
- Netmanias Case study on Korea Hydro & Nuclear Power (KHNP)’s private 5G network deployment in Korea: Power Plant ([link](#))

### 🕒 Telecoms Infrastructure, Small Cells, Antennas & others

- Telecoms Infrastructure Blog: Deutsche Telekom's Mini-Mast a.k.a. “Cell Tower To Go” ([link](#))
- NTT Docomo's Cell On Wheels (COW) ([link](#))
- Paul Rhodes on LinkedIn - Thursday School : Fast Food, Fast Mobile Broadband? ([link](#))

### 🕒 IoT / M2M / Smart Homes

- Dean Bubley on LinkedIn: What #IoT systems are currently operated \*inside\* #telecoms operators? ([link](#))
- BNN: Mavenir and Ligado Networks Achieve Breakthrough in Satellite-Enabled IoT Connectivity ([link](#))



### 🕒 Virtualization, Cloud & Edge

- Jinsung (Alex) Choi on LinkedIn - The Super Standalone AI Chip: Transforming Edge Computing ([link](#))
- Alok Tripathi on LinkedIn: What does CloudNative Truly Signify in Telecoms? ([link](#))
- Alok Tripathi on LinkedIn: CloudNative #5GC based on modern web services; Stateless, Serverless #5G Core! ([link](#))

## 🕒 Security & Privacy

- Jinsung (Alex) Choi on LinkedIn - Securing the Future: O-RAN ALLIANCE's Journey Towards Zero Trust Architecture ([link](#))
- Mohamad Hajj on LinkedIn: "*The O-RAN ALLIANCE #Security Working Group (#WG11) has released its fourth annual blog post, detailing the progress and future plans for enhancing O-RAN security...*" ([link](#))

## 🕒 Smartphones, Devices, Wearables & Gadgets

- MWL: Smartwatches drive India wearable growth ([link](#))

## 🕒 AI, ML & Automation

- Jinsung (Alex) Choi on LinkedIn: Autonomous Telco O-RAN Networks - the effectiveness of AI Agent ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Navigating the Challenges of Intent-Driven Telco Network Function Automation ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Navigating the Network Maze: AI's Role in Cross-Domain RCA ([link](#))

## 🕒 Satellites, HAPS, Drones, UAVs & Space

- GCF: The Non-Terrestrial Network opportunity – how GCF certification is enabling a rapid transformation ([link](#))
- Enisa: Low Earth Orbit (LEO) SATCOM Cybersecurity Assessment ([link](#))
- Tim Farrar on Twitter: "*This week it has become crystal clear that some of the most experienced companies in the satellite sector don't believe there can be an ROI for additional capital investment in the face of competition from SpaceX. Some investors haven't realized that yet...*" ([Quote](#) tweet)
- The Guardian: Japan to launch world's first wooden satellite to combat space pollution ([link](#))

## 🕒 Wi-Fi

- NTT Technical Review: Standardization Trends in IEEE 802.11be/bn ([link](#))

## 🕒 Metaverse & Extended Reality (XR)

- Computer World: Meetings are about to get weird. One by one, the co-workers and clients you meet with will be replaced by cartoon characters. ([link](#))

## 🕒 Other News and Technology Stuff

- The Register: 250 million-plus reserved IPv4 addresses could be released – but the internet isn't built to use them ([link](#))
- UKTIN: Everything you need to know about the Wireless Networking Expert Working Group Future Capability Paper ([link](#))
- The Verge: Apple won't be forced to open up iMessage by EU ([link](#))
- Dean Bubley on LinkedIn: "*I recently started hearing the term "Data Embassy". I know I'm late to this one, but perhaps it's a concept that flies under the radar for lots of others too...*" ([link](#))

© **Picture of the week:** Back in 2015, I wrote a [post](#) on 'Disguising Small Cells in Rural areas'. One of the photos in that was of Vodafone's cell booster disguises as a bird box. The idea of blending telecoms infrastructure with their surroundings is not something new but I was impressed by Cornerstone, the UK telecoms infrastructure company deploying Vodafone and VMO2 infrastructure, when they shared a case study where they, along with their partners, are helping protect Nesting Kestrels in Scotland. You can read more [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](#).