Mobile & Wireless Roundup
by Zahid Ghadialy
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#3G4G5G

Mobile & Wireless Roundup No. 138 (see original on Web!)

By Zahid Ghadialy

Welcome to the 138th edition of this newsletter. This newsletter began nearly three years ago. Over time, I have refined the process of producing it so that it is not too time-consuming and can be turned around quickly, even with many other things on my plate.

One of the ongoing frustrations with LinkedIn is its limited search functionality. Even when I know I have written about a topic previously, finding that content can be surprisingly difficult. These challenges are even more pronounced when it comes to newsletters. While it is fairly straightforward for readers to discover and subscribe to the newsletter, as the author, I have little visibility into who my subscribers are or what content resonates most with them.
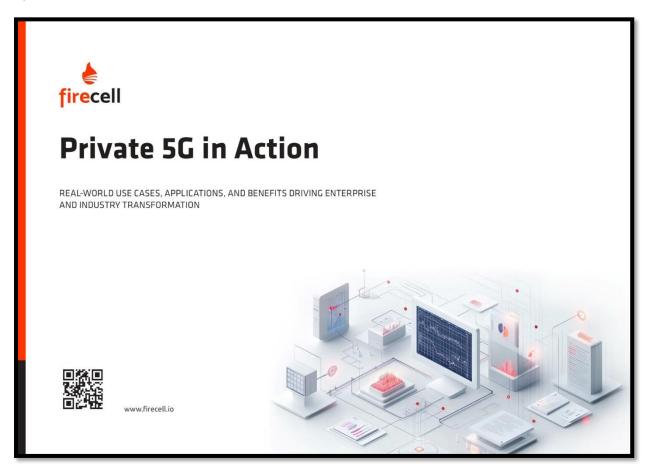
Several other limitations have emerged over time. For example, LinkedIn no longer sends the full content of newsletters via email, which is inconvenient for those who prefer reading it that way. There is no option for authors to choose whether the full text or just a preview is emailed. Nor are there detailed analytics beyond basic impressions and reactions. I cannot see which links were clicked or which sections readers spent the most time on.

Another shortcoming is the lack of formatting flexibility. While LinkedIn supports basic rich text, there are limitations when embedding images, linking to external media, or structuring long-form content in more engaging ways. There is also no integration with external tools or platforms, meaning I cannot easily connect subscriber data with my own mailing list or website analytics.

Notifications are another pain point. Subscribers are not always notified when a new edition is published, and some report that newsletter updates get lost among the general stream of LinkedIn alerts. From a content creator's perspective, there is also no way to schedule posts in advance, collaborate with co-authors, or easily repurpose newsletter content across other platforms.

Despite these limitations, I do appreciate how LinkedIn enables quick and simple newsletter creation within a platform that many of you already use professionally. However, the constraints mentioned above have led me to adopt an email-first strategy going forward. From now on, email subscribers will receive the newsletter before it is posted on LinkedIn. If you would prefer to receive the full content directly in your inbox, you can subscribe using this link.

For those of you who are new here, I am a technologist with over 25 years of experience in mobile and wireless technologies. I currently work as an independent advisor, analyst, consultant and trainer. This newsletter is a summary of my posts and other industry developments that have caught my attention since the last edition.

Sponsored: Download 'Private 5G in Action' white paper by Firecell

◉ 6G

- Business Korea: LG Uplus Unveils AI-driven Cloud RAN Technology (link)
- Computer Weekly: Sweden claims world's first 6G, edge-connected vehicle test facility (link)
- FutureNet World Insights: e& UAE's vision for 6G (link)
- Free 6G Training: A European Vision for Innovative Approaches to 6G Security (link)

◉ 5G

- Singtel - Beneath the surface: the power of underground 5G (link)
- David Swift on LinkedIn: *"US operators are showing the world how 5G should be done and the UK needs to take note…"* (link)
- William Webb on LinkedIn: The "5G Promise Falls Short of Reality" Paper (link)

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

- Mohamed Abbas on LinkedIn: The Road from #CPRI to #eCPRI (link)

◉ **Spectrum**

- Numerama: Orange explains why 6 GHz Wi-Fi was removed from the new Livebox 7 and S (link)

- Richard Haas on LinkedIn: "*Has China really made more mid band spectrum available to it's operators than the US? According to my latest research the answer is yes, although the difference between them is minor…*" (link)
- Light Reading: India moves to delicense part of 6GHz band, sparking telco-tech clash (link)

◉ **Private Networks**

- Celona and NIST University, India have produced a whitepaper on Smart Mining Powered by Private 5G Technology (link)
- Fierce Network: STL Partners says private network market will be worth $21B by 2030 (link)

◉ **IoT / M2M / Smart Homes**

- Afzal Mangal on LinkedIn: IoT is a cure for problems that aren't even seen as problems (link)

◉ **Security & Privacy**

- Light Reading: Nsight's Cellcom loses voice, texting in cyberattack (link)
- Silke Holtmanns on LinkedIn: "In the SKT hack the BPFDoor malware seems to have played a major role…" (link)
- Denis Laskov on LinkedIn - Summary of 12 years of physical fault injections and side-channel attacks: analysis, comparison, and future directions (link)

◉ **Telecoms Infrastructure, Small Cells, Antennas & others**

- Disguising Small Cells in Rural areas (link)

- Paul Rhodes on LinkedIn - Wednesday Wonderings: Stone Cold Coverage! (link)
- TMN - Case study: transforming connectivity with O-RAN DAS at Dortmund Stadium (link)
- Paul Rhodes on LinkedIn - Tuesday Thought: Cutting Corners? (link)
- Peter Clarke on LinkedIn: "*Majestic Multibeam: BT Group, Ericsson and CCI Antennas bring the extreme capacity capability of event and festival temporary sites to a permanent install, located on the InterContinental Park Lane, serving Hyde Park Corner and Wellington Arch…*" (link)

◉ **Connected And Autonomous Vehicles (CAVs)**

- Denis Laskov on LinkedIn: You don't need a car to hack it - a company provides researchers with remote access to car equipment for vulnerability research (link)

◉ **Smartphones, Devices, Wearables & Gadgets**

- Counterpoint Research: iPhone Pro Users Replacing Phones Faster Than Non-Pro Users (link)

◉ **AI, ML & Automation**

- The Guardian: AI to transform telecoms but technology won't completely replace humans, new Optus CEO says (link)
- Telus investing $70bn in Canada through 2029 to enhance connectivity, support Canadian AI leadership (PR)
- Bell Canada increases sovereign AI capacity with Bell AI Fabric (PR)

◉ **Wi-Fi**

- Total Telecom: SWR deploys Europe's first 'Rail-5G' Wi-Fi (link) – See the press release by SWR (PR) and Blu Wireless (PR)

◉ **Quantum Networks & Technology**

- Walden Killick on LinkedIn: "*Presenting the Quantum Threat Tracker: a tool for quantifying the threat quantum computers pose to real-world cryptosystems…*" (link)

◉ **Other News and Technology Stuff**

- The Guardian: 'Every time I took a shower I thought: is he watching me?' – the terrifying rise of secret cameras (link)
- CNMC Blog - Copper's final farewell: Spain's last power plants close today (link in Spanish)
- Benedict Evans: GenAI's adoption puzzle (link)
- Ookla - Shaping the Future of Telecommunications: Insights from the MEA Regulatory Summit 2025 (link)

◉ **Picture of the week:** Sharing this link that was part of the earlier post of disguising small cells from 2012. Here are 25 Cell Phone Towers Disguised to Look Like Something Else (source).

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.