



## Mobile & Wireless Roundup #88 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 88th edition of this newsletter. Many years ago I co-founded and ran a consulting company. We had no shortage of work but it was a challenge to create a job description for everything we needed done, advertise jobs and then interview people. When times were tough, we would receive over 50 resumes for each job we advertised, mostly from overqualified people, who we knew (based on our past experience) wouldn't stick with our job once they found a better one.

As a result of this, I started trying networking with various groups. We started coming across consultants who were experts and would be willing to work on a part time basis, often just two or three days a month but were able to lend us expertise when we needed it. These experts didn't come cheap. We mostly didn't make any money when we used them and sometimes even lost money. They were still valuable as they provided our clients with the right strategic vision and expertise.

One of the things we decided to try in a project was to use these experts to train our less experienced staff. A day or two from these experts would make the staff twice or thrice more effective. This model worked out well for us as we were able to hire relatively inexperienced staff and train them to become experts. We were then able to provide these resources to clients at a much lower rate so they were more willing to use us as compared to others.

One of the important learnings for us was that most jobs required people to do repetitive tasks. If we managed to train people to become experts in these, they can provide value to end-clients. Another learning was that these repetitive tasks become boring after a while. We created a rotation policy to move people from one repetitive task to another one. This allowed people to learn new skills, see the bigger picture and remove dependency from a single person. A win-win for all three parties.

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 other news that caught my attention since the last newsletter.



**New Event**

**Firecell** to be present at **Hannover Messe**  
from **April 22nd to April 26th.**



Hall **14** Booth **H06**

*This newsletter is kindly sponsored by Firecell - the Private 5G experts*

### 🕒 6G

- Free 6G Training: An Improved Error Correcting Code (ECC) for 6G? ([link](#))
- ZTE Communications Magazine, March 2024 - Special Topic : Near-Field Communication and Sensing Towards 6G ([link](#))
- IEEE Xplore: 60 GHz Programmable Dynamic Metasurface Antenna (DMA) for Next-Generation Communication, Sensing, and Imaging Applications: From Concept to Prototype ([link](#))
- Videos & Presentations from Mobile Korea 2023 - 6G Global Day 1 & 2 ([link](#))
- Merouane Debbah on LinkedIn: The 6G Near Field Technologies White Paper is out! ([link](#))
- 6G World: Key Value Indicators – Making Good Business ([link](#))

### 🕒 5G

- Fierce Wireless - Industry Voices, Joe Madden: The 5G deep freeze is coming ([link](#))
- Jinsung (Alex) Choi on LinkedIn - Optimizing 5G with AI: The Impact of Reinforcement Learning on MAC Scheduling ([link](#))

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

- Jinsung (Alex) Choi on LinkedIn: AAL Standardization: A Game Changer for the O-RAN Industry ([link](#))
- Timothy Krause on LinkedIn: "For those of you who have requested a copy of the Deloitte presentation from the RIC Forum..." ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Harnessing OCP's Blueprint for O-RAN L1 Accelerator Excellence ([link](#))
- Rimedo Labs: O-RAN Hierarchical Traffic Management in Advanced Vehicular Scenario ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Harnessing Pre-trained Reinforcement Learning Models (PRLMs) for O-RAN ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Designing the Software Stack Architecture for O-RAN ([link](#))

### 🕒 Private Networks

- Private Networks Technology Blog: Private 5G for Digital Transformation of Warehouses by Firecell ([link](#))

## Private 5G to Help Solve Existential Challenges in the Digital Transformation of Warehouses



#3G4G5G

#PrivateNetworks

- RCR Wireless - Private cellular: A connectivity solution suited for the future of warehousing and logistics ([link](#))
- RCR Wireless: Boots on the ground – who's who in the supply of private 5G networks ([link](#))

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

- Alok Tripathi on LinkedIn: Power Amplifiers (PA) are a Key Radio Capability - How have the PAs Evolved? ([link](#))
- Paul Rhodes on LinkedIn - Thursday School : Spot the Difference Mk2! ([link](#))

### 🕒 Virtualization, Cloud & Edge

- Jinsung (Alex) Choi on LinkedIn: Open-Source Scalable AI Computing Infrastructure for Telco Edge AI ([link](#))
- Jinsung (Alex) Choi on LinkedIn - Open Interface Orchestration: The New Beat of Telco Network Cloud Platforms ([link](#))
- Jinsung (Alex) Choi on LinkedIn: The Role of CNAI in open RAN Evolution ([link](#))

### 🕒 Security & Privacy

- Ericsson: 3GPP Rel-18 security - the overview ([link](#))
- BBC: Police bust global cyber gang accused of industrial-scale fraud ([link](#))

### 🕒 Connected And Autonomous Vehicles (CAVs)

- New ITU-led expert group on communications technology for automated driving ([link](#))

### 🕒 Smartphones, Devices, Wearables & Gadgets

- Radio Free Mobile: Apple – Buzzword Magic ([link](#))

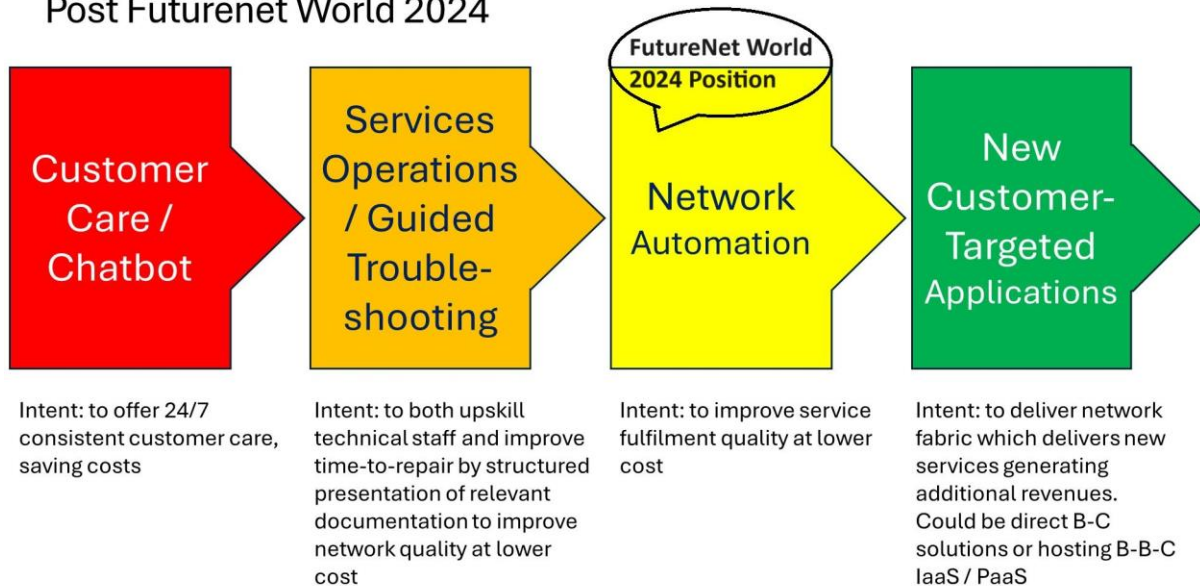
### 🕒 AI, ML & Automation

- Jinsung (Alex) Choi on LinkedIn: No-Code Strategies for Integrating AI on 5G ([link](#))

- The Guardian - TechScope: How cheap, outsourced labour in Africa is shaping AI English ([link](#))
- Jinsung (Alex) Choi on LinkedIn: Advanced AI's Journey from Intent-Based to Intent-Driven Networks ([link](#))
- Eugina Jordan on LinkedIn: "Just published: Part 5: B2B Gen AI Use Cases - Exploring Practical Applications for Regulated Telco Industries (Part 1 -- challenges and considerations)..." ([link](#))
- Paul Rhodes on LinkedIn - Friday Thoughts: FutureNet World 2024 ([link](#))

## AI Evolution: Internal to External Progression

Post FutureNet World 2024



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

- Connectivity Technology Blog: Qualcomm Webinar - 5G from space: The final frontier for global connectivity ([link](#))
- Richard Jacklin on LinkedIn: RF Electronics for Space ([link](#))
- UKTIN: Future Capability Paper - Non-Terrestrial Networks ([link](#))
- Fierce Wireless - CCA: Lynk urges smaller carriers to band together to fight T-Mobile, SpaceX in space wars ([link](#))

### 📍 Metaverse & Extended Reality (XR)

- Fierce Network: SK Telecom's enduring belief in metaverse spells hope for the technology ([link](#))

### 📍 Sustainability

- Sagar Nangare on LinkedIn: How 5G RAN Can Achieve Sustainability ([link](#))

### 📍 Other News and Technology Stuff

- Operator Watch Blog: The Status of Mobile Networks in Latin America ([link](#))
- TMN: Operators back second half revival as tough cycle turns ([link](#))
- Andrew Collinson on LinkedIn: 15 Fast Takes from FutureNet World 2024 ([link](#))

- Helmut Imlau on LinkedIn: "What's new in the cnPRTC (coherent network Primary Reference Time) architecture? Here's the latest progress after the ITU-T SG15Q13 Edinburgh meeting 04-2024..." ([link](#))
- Dr. Kim (Kyllesbech Larsen) on LinkedIn: "Throughout my career, I have always been super interested in how well cellular operators utilize their cellular resources. Part of the evaluation considered the mobile operator's spectrum portfolio, deployed cellular technologies (e.g., RAT, Antenna Type, Modulation, ...), and its actual performance using external benchmarks..." ([link](#))
- The Guardian: End of the Line? Saudi Arabia 'forced to scale back' plans for desert megacity ([link](#)) – the 105-mile long Line city has been cut a little short – by 103.5 miles 😞

📷 **Picture of the week:** Just a [site from Japan](#) by the Japanese operator Softbank with a lot of Ericsson RRUs



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](#).