

**'Shared RAN – Why Not?'**

Sponsored by Fujitsu

1 May 2025

Venue: PentaHotel, Oxford Rd, Reading, RG1 7RH

**AGENDA****13:00 Registration and Networking with Refreshments****13:30 Welcome from Michaela Eschbach, CEO, Cambridge Wireless**Session Chaired by **Julie Bradford**, Head of Techno-Economic Analysis, **Real Wireless** and CW SIG Champion**13:35 Introduction to the Mobile Networks SIG****Julie Bradford**, Head of Techno-Economic Analysis, **Real Wireless****13:40 Differing Market Approaches to Neutral Host Enablement****Mike Ferris**, Chief Network Architect, **Dense Air**

This presentation will cover Mike's experience of working in both the US and UK markets and the different approaches that the MNOs have taken to enable the NH ecosystem.

**14:00 Unlocking the Power of Open RAN for a Shared Network Future****John Bretherick**, Director of Business Development, **Fujitsu Network Communications**

The growing interest in shared RAN among operators is driven by its ability to maximise resource utilisation while reducing coverage costs across diverse spectrum. Open RAN's multi-vendor ecosystem offers a flexible, cost-effective approach to building multi-operator shared infrastructure, integrating various radios, software and optical xHaul transport. This presentation summarises potential deployment options and technology features, as well as the likely benefits, use cases, and infrastructure-sharing arrangements for a promising direction in Open RAN research and development.

**14:20 5G Shared Cell Network at Bath Rugby Club - 7 Tries and 5 Conversions****Alex Smith**, VP Product Management, **Antevia Network**

A case study of an O-RAN Shared Cell 5G Private Network deployment at Bath Rugby Club and the recent testing to compare user experience to Public 4G/5G, Public Wi-Fi vs a Shared cell (1 x FHM + 9 x O-RU).

**14:40 Refreshments and Networking**Session Chaired by **Paul Rhodes**, Head of Strategy, **Evolved Networks** and CW SIG Champion**15:10 The Customer Benefits of Shared RAN - a MNO's Perspective****Elizabeth Rumsey**, UK Product Strategy, Partnerships and Innovation, **Vodafone****15:30 Next-Gen Infrastructure Sharing: Telecom, Energy, and the Rise of Multi-Utility Platforms****Simon Fletcher**, Chief Executive Officer, **Real Wireless****15:50 Panel Q&A**, chaired by **Paul Rhodes**, Head of Strategy, **Evolved Networks**

- **John Bretherick**, Director of Business Development, **Fujitsu Network Communications**
- **Mike Ferris**, Chief Network Architect, **Dense Air**
- **Simon Fletcher**, Chief Executive Officer, **Real Wireless**
- **Vicky Messer**, VP of Product Management, **RANsemi**
- **Elizabeth Rumsey**, UK Product Strategy, Partnerships and Innovation, **Vodafone**
- **Alex Smith**, VP Product Management, **Antevia Networks**

**16.35 Concluding Remarks and Event Closes at 16:45**

With the permission of the speakers, presentations will be shared following the event

## Profile of organiser

**Cambridge Wireless (CW)**, [www.cambridgewireless.co.uk](http://www.cambridgewireless.co.uk)

CW is the leading international community for companies involved in the research, development and application of wireless and mobile, internet, semiconductor and software technologies. With an active community of over 1000 businesses ranging from major network operators and device manufacturers to innovative start-ups and universities, CW stimulates debate and collaboration, harnesses and shares knowledge, and helps to build connections between academia and industry.

CW's 20 Special Interest Groups (SIGs) provide its members with a dynamic forum where they can network with their peers, track the latest technology trends and position their organisations in key market sectors. The CW team organise major conferences and competitions along with intimate industry networking events and dinners.

## Profile of Sponsor

**Fujitsu Network Communications, Inc.** is a leading provider of digital transformation solutions for network operators, service providers and content providers worldwide. We combine best-in-class hardware, software and services with multi-vendor open networking expertise to enable cost savings, faster services delivery and improved network performance. Working closely with our customers and ecosystem partners, we design, build, operate and maintain better networks for the connected world. For more information, please see [us.fujitsu.com/telecom](http://us.fujitsu.com/telecom) or connect with us on LinkedIn at [www.linkedin.com/company/Fujitsu-network-communications](http://www.linkedin.com/company/Fujitsu-network-communications)

## The Mobile Networks SIG

**The Mobile Networks SIG** has been formed from the Enhanced Mobile Broadband Group, the Small Cell Group and the Virtual Networks Group. The SIG focuses on understanding current and future trends and challenges for terrestrial mobile infrastructure. This group considers the tradeoffs between spectrum, technology and topology options in delivering sustainable mobile infrastructure solutions that meet the growing expectations of users of mobile wireless services. It is championed by:

- Iris Barcia, Vodafone
- Julie Bradford, Real Wireless
- Simon Fletcher, Real Wireless
- Caroline Gabriel, Analysys Mason & Rethink Technology Research
- Roberto Kompany, Omdia
- Peter Love, Techno/Economic Business Consultant & Programme Manager
- Vicky Messer, RANsemi
- Andrew Palmer, CGI
- Dr Neil Piercy, Founder
- Paul Rhodes, Evolved Networks
- Prof Simon Saunders, King's College London
- Professor Andy Sutton, BT

For more information and full SIG champion bios please visit: <https://www.cambridgewireless.co.uk/special-interest-groups/mobile-networks-group.html>

## Profile of Speakers and Session Chairs

**Julie Bradford, Head of Techno-Economic Analysis, Real Wireless (Speaker and Session Chair)**

Julie has worked in the wireless industry for over 15 years. At Real Wireless, she is a thought leader in 5G business case analysis including understanding 5G use cases, quantifying (in financial terms) the operational and socio-economic benefits of 5G services and understanding network dimensioning and cost implications under 5G virtualised networks. She has most recently been working with city councils around their wireless strategy and related Green Book outline business case development. She also led Real Wireless' techno-economic analysis on the EC Horizon 2020 5G-MoNArch project. Inspired by the project's smart sea port testbed constructed by HPA, Nokia and DT in the Port of Hamburg, this analysis included quantifying the operational benefits of 5G to port authorities and other port users and the cost implications of delivering these industrial grade wireless services from existing mobile infrastructure via network slicing supported via the virtualised 5G-MoNArch network architecture. Previously, Julie was Communications Engineer at QinetiQ UK, consultant at PA Consulting UK, and Senior Systems Engineer for Airvana UK. In addition to working at Real Wireless, Julie is a CW board member and champion for the CW Virtual Networks Special Interest Group (SIG).

**John Bretherick, Director of Business Development, Fujitsu Network Communications**

John Bretherick is Director of Business Development at Fujitsu Network Communications, where he focuses on the Fujitsu open networking portfolio, including optical and Open RAN solutions, for Europe. John has over 30 years of experience in telecom, holding roles in engineering, sales, marketing and business development for both global service providers and equipment vendors. He has a long history of developing customized solutions for global IT, system integrators and communication service providers, as well as vertical market experience in pharmaceuticals, utilities, government and health sectors. John is married with two children and lives in Ilkley West Yorkshire, where he enjoys many sports including golf and cycling.

**Michael Ferris, Chief Network Architect, Dense Air**

Michael is an industry veteran with 30 years' experience in mobile networks. His early career was spent in Orange where he led network design activities across the core and transport networks through the major changes that built nationwide ATM, SDH and DWDM networks and saw the introduction of GPRS and 3G. He then spent many years specialising in mobile backhaul as it evolved through pseudowires and IPVPN, introducing advanced packet microwave systems and dark fibre, with roles in pre-sales, network design and product management. Over the past six years he's been increasingly engaged in the evolving neutral host ecosystem, and joined Dense Air at the start of 2022 as Chief Network Architect, bringing together all of his skills and experience in what he considers his perfect role. He spent five years as co-lead of the neutral host workstream at the Small Cell Forum (SCF)

**Simon Fletcher, RW CEO and SCF CSO, Real Wireless**

Simon joined Real Wireless in January 2016 as Chief Technology Officer, taking overall technical and innovation strategy responsibility across the company. He is a member of the UK5G AB, co-chair of the International WG, and member of the Climate WG. His long-standing association with the UK innovation eco-system through roles such as Director of mVCE and the Innovate-UK ICT-KTN brings a wealth of practical knowledge on open innovation to accelerate product and services delivery. Simon spent his formative years in telecoms infrastructure systems and product development. In NEC Corporation he played a key role in the formation of Joint Ventures for development of 3G and 4G products and established a core team that developed the first-generation of technology for 4G systems culminating in a Steering Board position in the LTE SAE Trials Initiative (LSTI). In recent times he has directed projects on future cities, the application 5G and IoT in industry verticals with an event horizon towards 2030. His long participation in Common Public Radio Interface (CPRI) and then directing Real Wireless engagement in H2020 and the 2016 NIC study on Future Comms infrastructure brings great foresight on a range of architectural evolutions underway in 5G architectures, in particular for Open RAN and Diversification. He is a CW Small Cell SIG Champion, and in February 2022 the Small Cell Forum (SCF) appointed Simon as their Chief Strategy Officer, drawing on 25 years direct industry experience and work as an advisor to governments, regulators and big business.

**Vicky Messer, VP Product Management, RANsemi**

Vicky Messer is VP of Product Management at RANsemi with over 30 years of experience in product management, product marketing, research and development in the technology sector, primarily wireless. Vicky currently leads product management, technical marketing and partnership activities at RANsemi, and is a work item lead and board member of Small Cell Forum (SCF). Vicky was awarded the SCF 'Outstanding Individual Contribution to SCF award' in 2020, the SCF Industry Award 2023 for Women in Wireless and the Electronics Weekly Women of the Year (Design Focused) award in 2024. Vicky is a certified IET registration mentor and currently mentors a local young female engineer. In May 2023 Vicky joined Industrial Advisory Board Bath University Electronics and Electrical Engineering.

**Paul Rhodes, Head of Strategy, Evolved Networks (Session Chair)**

Paul has a B Eng in Communications Engineering from University of Hull and worked in the wireless industry internationally for over 30 years. At Evolved Networks he is responsible for RAN and Open vRAN Public and Private network architecture, strategy. He has deployed 4G and 5G small cell networks in both classical architecture and as dark-fibre disaggregated RAN networks and is currently refining the technical and cost implications of centralised classic and virtualised networks. During his career Paul has worked in Telco Vendors and Infrastructure Providers, significantly for Ericsson, Nokia, Samsung, City Fibre and Worldwide Technology in Technical and Commercial roles in both Europe and North America. He is also an Expert Working Group Member in Wireless Networking at UKTIN.

**Elizabeth Rumsey, UK Product Strategy, Partnerships and Innovation, Vodafone**

Elizabeth Rumsey is Senior Manager - Product Strategy, Partnerships and Innovation at Vodafone Business. In her role, Elizabeth has led the team that made Vodafone the first mobile operator to offer edge computing on public 5G in Europe, and the only operator in the world to launch in multiple countries. Elizabeth joined Vodafone in 2012 as a Principal Deal Architect in the Commercial team supporting Vodafone's multinational customers, consequently taking roles including Commercial Intelligence Team Lead, before moving into 5G and Cloud, previously as the Digital Services Offer Manager. During her time at Vodafone, Elizabeth has simultaneously connected and empowered people, including supporting the CEO of Total Mama, a partnership between Vodafone Group Commercial and Oxford University Innovation, to achieve his mission to provide women with a trusted digital source of personalised information for fertility and pregnancy, building on her experience as Chair of Vodafone Group's Women's Network. Prior to joining Vodafone, Elizabeth held roles in Richard Branson's Virgin group of companies after five years in UK Mergers and

Acquisitions for both Lehman Brothers and JP Morgan Cazenove. Elizabeth is an American citizen residing in the UK with her husband and son. She holds a CIMA from the Chartered Institute of Management Accountants and a BA from Vanderbilt University.

**Alex Smith, VP Product Management, Antevia Networks**

Alex has been 36 years working in the telecoms industry since graduating from Newcastle Upon Tyne with a Masters in Engineering. He has worked for Bell Labs Research, Lucent Technologies, Cisco and Huawei before joining Antevia Networks in its first year of operation. Alex is now VP of Product Management and a part of the executive team responsible for 5G O-RAN fronthaul innovation.

Delegate List	
Name	Organisation
Sundar Ali	MBNL
Mohammed Al-Imari	MadiaTek
Cetin Altan	DenseAir LTD
Ben Ash	Radisys
Sam Atungsiri	Sony Europe Limited
Marjanul Bahar	Boldyn
Darren Ballard	Dense Air
Dejan Bojic	High Summits Consulting
Julie Bradford	Real Wireless
John Bretherick	Fujitsu Network Communications
Simon Burley	Ofcom
Kan Chang	Lions Taiwan Inc
Charles Chavi	National Physical Laboratory
Peter Claydon	RANsemi
Lindsay Cornell	BBC
Dave Crossley	Accuver EMEA
Sam Darwish	Viavi Solutions
Cristina Delgado	AWTG
Dr Hanni Doctor	Paramagnetic Communications Ltd
Jonathan Eaton	Dense Air
Michaela Eschbach	Cambridge Wireless
Jehad Fadda	PA Consulting
Kenny Fairweather	Dense air
Cavan Farrow	Aetha
Michael Ferris	Dense Air
Simon Fletcher	Real Wireless
Dominic Fung	Cambridge Wireless
Ian Ginn	IFG Consulting
Renato Goodfellow	
Sandro Grech	Cambridge Consultants
Martin Green	Ataya

Dave Happy MBE	NED Chair - Transport for Wales Fibre & Chair UKTIN Security EWG
Paul Harris	VIAMI Solutions
Awais Hashmi	Dense Air
Michael Hill-King	Huawei R&D UK
Umit Ipek	
Simon Jack	ADTRAN
Michael Johnson	Zayo Europe
Umay Ezgi Kadan	Cambridge Consultants
Sean Keating	Boldyn Networks
Mike Kelly	Genesis Technology Services
Mike Kennett	Freshwave
Andrews King	Softonets
Simon Kirby	Connected Networks
Eric Ko	Lions Technology Inc
Brian Lancaster	Projex Cellular
Steve Laurensen	RANSemi Ltd
Jonathan Lewis	HUBER+SUHNER UK Ltd.
Gary Littledyke	Dorset Council
Andrew Lowe	Vodafone Ltd
Peter Maddigan	CGI
Anthony Magee	Adtran
Jason Meredith	MBNL
Vicky Messer	RANsemi
David Mintah	AWTG
Prashant Mishra	Hughes Systique Corporation
Amit Nagpal	
Jeevan Namboodiri	CGI
Matthew Neck	Virgin Media O2
Richard Noyau	Boldyn Networks
John Okas	Real Wireless
Gerard O'Neill	Angetech Consultants Ltd
Andrew Palmer	CGI IT UK Ltd
Guy Peddy	Macquarie Group
Paul Rhodes	Evolved Networks
Elizabeth Rumsey	Vodafone
Maggie Russell	Mobile Broadband Network Ltd
Negin Sabet	Signify
Colin Sansom	MBNL
Sherif Sedkey	Virginmediao2

Anand Sharma	Cambridge Consultants
Parichaya Shrivastava	Spry Fox Networks
Choudhry Shuaib	Viavi Solutions
Alex Smith	Antevia Networks
Ramesh Sriraman	HCL Technologies UK Ltd
Janette Stewart	Analysys Mason
Howard Thomas	Viavi Solutions
Martin Thorp	BBC R&D
Ben Timmons	Qualcomm
Lou Tricarico	Macquarie Group
Paul Trubridge	Dense Air
Walter Tuttlebee	
Martin Wren-Hilton	MWH.ME
Jeremy Writer	CGI
Neill Young	RANsemi