

'The Rise of the Private Network'14th June 2022

This SIG is championed by **Julie Bradford** of **Real Wireless**, **Mark England** of **Cambridge Consultants**,
Andrew Palmer of **CGI** and **Justin Paul** of **Ericsson Digital Services**

Venue: The Bradfield Centre, 184 Cambridge Science Park, Milton Road, Cambridge CB4 0GA

AGENDA

13:00	Registration and networking
14:00	Welcome by Mark Rayner, Chief Executive Officer, CW (Cambridge Wireless)
14:05	Welcome by event sponsor, Bob Driver, Head UK5G
14:10	Introduction to topic by Andrew Palmer, Virtual Networks SIG Champion and Consultant Director, CGI
14:15	Session to be chaired by Andrew Palmer, Virtual Networks SIG Champion 'Unlocking the real value of private networks' Richard Barrington, Principal Consultant and Head of Business Development, Perform Green
14:35	Q & A
14:40	'Innovation and private 5G' John Naylor, Principal Solutions Architect, Amazon Web Services (AWS)
15:00	Q & A
15:05	'How enterprises are driving private networks' Mike Barlow, Enterprise Sales Director, UK & Ireland, Ericsson
15:25	Q & A
15:30	Refreshment break and networking
16:00	'How the public sector can drive private networks' Julie Snell, Chair, The Scotland 5G Centre
16:20	Q & A
16:25	Panel session chaired by Andrew Palmer, Virtual Networks SIG Champion
16:55	Wrap-up
17:00	End of session followed by refreshments and networking
18:00	Event close

With the permission of the speakers, presentations will be loaded to the CW website on the day following the event

Profile of organisers**Cambridge Wireless (CW)**

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 over 400 members 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 business developments and position their organisations in key market sectors. CW also organises major conferences and start-up competitions along with other high-quality industry networking events and dinners. With headquarters at the heart of Cambridge, UK, CW partners with other international industry clusters and organisations to extend its reach and remain at the forefront of global developments and business opportunities. www.cambridgewireless.co.uk

Profile of UK5G

UK5G

UK5G is the national innovation network dedicated to the promotion of research, collaboration and the commercial application of 5G in the UK. It is a 'network of networks' designed to encourage coordination between all organisations working on 5G activities across the UK. It enhances links between the public sector, academic research, development activities undertaken by organisations across telecoms and vertical sectors, and the UK Government's 5G Testbeds and Trials Programme. UK5G is independent and impartial. Its senior national advisory board advises the Government's 5G Testbeds and Trials Programme, providing expert feedback from industry, identifying priorities and advising on future areas of focus. UK5G is a focal point for international engagement into the UK's 5G ecosystem, encouraging international participation and investment. www.uk5g.org

Profile of SIG Champions

Julie Bradford, Managing Consultant, Real Wireless

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 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. real-wireless.com

Mark England, Associate Director, Cambridge Consultants

Mark England has spent three decades architecting, designing, and implementing a wide variety of wired and wireless communications products, services, systems and protocols; from short range point to point systems to those which operate on a global scale. Mark joined Cambridge Consultants in 2000, and for the past 17 years he has been providing leading edge design, development and consultancy services to a wide range of clients.

cambridgeconsultants.com

Andrew Palmer, Consulting Director, CGI

Andrew has more than 30 years of experience in IT, Telecoms and TV and Media, having worked in various roles for IBM, AT&T, Ericsson, Motorola and Arris. Andrew's present role is to leverage existing CGI capabilities that match the needs of our clients in the Telecoms sector, as well as building new capabilities that will support the emerging and changing needs of our client base. Andrew has proven experience in developing and delivering complex SI and Services solutions that meet both business and technology needs. Andrew has co-authored "UK Telecoms For Dummies", an essential guide to the complicated UK Telecoms sector as well as articles for publications such as the Cambridge Wireless Journal including "How do we build the new world of 5g?". He frequently speaks at conferences and provides media commentary on industry topics like 5G, IoT and Smart Cities, as well as being a member of the Digital Policy Alliance's Smart Society Working Group, techUK Spectrum Policy Forum and the Cambridge Wireless Virtual Networks Special Interest Group. cgi-group.co.uk

Justin Paul, Senior Marketing Manager, Ericsson Digital Services

Justin has over twenty years' experience in technology marketing in the telecoms and software industries. Prior to joining Ericsson Digital Services he worked for Zeetta Networks, Huawei Technologies in NFV/SDN Marketing and Amdocs where he led the launch of their NFV Portfolio which now forms a major part of the ONAP (Open Network Automation Platform). During his career he has been responsible for the launch and go-to-market for a number of leading-edge technologies including 3G, IPTV, LTE, NFV and 5G. A TED-trained conference speaker he has presented at a number of major international conferences including Layer 123 SDN and Openflow Congress, LTE Asia and SCTE. A CIM qualified marketer he runs a Bristol-based Digital Marketing knowledge-sharing group. www.ericsson.com

Mike Barlow, Ericsson

Mike Barlow is an IT and Telecoms sales director with 25 years' experience of selling to public and private sector enterprises. Having worked with Siemens, telent and Nokia in the past, he is now driving Ericsson's Enterprise growth in the UK and Ireland. Ericsson recognise the opportunity for Enterprise private mobile networks and are accelerating their investment to capitalise on this. Mike has a history in helping organisations to drive transformational outcomes through 5G, IoT, Fibre, LAN and Smart Places technology. He has also been involved in a number of the DCMS 5G testbeds. This includes working both directly and with partners such as the MNO's, Systems Integrators and Value Added Resellers. www.ericsson.com

Richard Barrington, Perform Green Ltd

Richard Barrington is an Executive Consultant and the Business Development Director for Perform Green. He shaped the procurement of the 5GSA Network for 5G CAL and supported the construction, installation and operations of a new private network at the Nissan site in Sunderland. He is 5G work stream lead and involved in the overall assurance of the project. Richard has a long history of being at the leading edge of technology focused on public good and has considerable experience in 5G, IOT, Smart Cities / Society and Cloud technologies. He has held senior / board positions in the Public Sector, Industry and Charities, working for organisations such as Nokia, Juniper Networks and Sun Microsystems, plus for 3 years was seconded to the Cabinet Office as a Director for Industry Office of the E-Envoy. www.performgreen.co.uk

John Naylor, Amazon Web Services (AWS)

John Naylor is a Principal Solutions Architect at Amazon Web Service (AWS), in the Telco Industrial Business Unit. The AWS Telco IBU is enabling communication services providers (CSPs) to cloudify their intrinsic operations, differentiate every stage of the customer journey, simplify their operations and to monetise 5G and beyond. John works with UK operators to maximise the business benefits they derive from cloud adoption. Before joining AWS, John was the founder and CTO of CBNL, a pioneer of millimetre-wave FWA, and previously worked at Adaptive Broadband and AT&T Laboratories. John has a PhD in wireless networking from the University of Cambridge. Within UK5G, John co-chairs the Testbeds and Trials Working Group and is an Advisory Board member. www.aws.amazon.com

Julie Snell, The Scotland 5G Centre

Julie Snell has 35 + years' experience as a business leader having successfully established new technology markets and leading technology innovation in telecoms / digital IT. Julie was part of the leadership team that developed BT's first public Wifi project, BT Openzone. She spent five years on the board of the global telco group Wireless Broadband Alliance, two years as Chair. In 2017, Julie was appointed as director and CEO of Bristol's Smart City infrastructure and computer network company Bristol is Open. Currently Chair of Scotland 5G Centre, Non-Executive Herefordshire & Worcestershire Health & Care NHS Trust, Non-Executive Director Worcester Local Enterprise Partnership Vice President of the Urban Technology Alliance, a global community of international smart city players, Non-Executive at Col8, and an Enterprise Advisor for The Careers & Enterprise Company mentoring to help young people realise their employment ambitions. www.scotland5gcentre.org