

**Mobile Broadband SIG**  
**'State of the Nation - Use cases for Public Safety'**  
**9 May 2017**  
**Hosted by Sepura PLC**

This SIG is championed by George Grayland of **Nokia**, Peter Montgomery of **GSMA**, Tom Rebbeck of **Analysys Mason**, Iain Stanbridge of **EE** and Andy Widdess of **Sapura**

**Venue:** Sepura PLC, 9000 Cambridge Research Park Beach Drive, Waterbeach, Cambridge, CB25 9TL

**AGENDA**

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|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>14:30</b> | Registration and networking with refreshments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>15:00</b> | Introduction to CW Mobile Broadband from <b>Andy Widdess, Sepura PLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>15:10</b> | Welcome from the host <b>Steve Barber</b> , Vice President Group Strategy, <b>Sapura PLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              | <b>Session chaired by SIG Champion, George Grayland, Nokia</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>15:15</b> | <b>'LTE for Public Safety creates a path towards digital policing'</b><br><b>Markus Hochenbleicher, Principal Consultant, PA Consulting</b><br>The arrival of smartphones and reliable mobile data communication has transformed our daily life. Digital business is now the new mainstream. However, Public Safety users so far have not been able to benefit from these advances. This presentation sets out how LTE networks can fulfill the specific requirement of Public Safety users and how this offers the potential to transform policing by creating a path towards digital policing. |
| <b>15:35</b> | Q&A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>15:40</b> | <b>'The Emergency Services Network (ESN): responding to your questions (Purdah rules permitting)</b><br><b>Dr Nigel Brown, Lead for Resilient ICT Strategy, Civil Contingencies Secretariat, Cabinet Office</b>                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>16:05</b> | <b>Refreshments and networking</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|              | <b>Session chaired by SIG Champion, Andy Widdess, Sepura PLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>16:35</b> | <b>'Information, a valuable resource'</b><br><b>Peter Hudson, Head of Technology and Innovation. Sepura PLC</b><br>Use of mission critical data by public safety users is on the increase and becoming a more valuable resource with each passing day. Sources of information are wide and varied and will potentially grow with the advance of both Broadband and narrowband technologies                                                                                                                                                                                                       |
| <b>16:55</b> | Q&A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>17:00</b> | <b>'Mobile Broadband Applications for Public Safety – Opportunities and Challenges'</b><br><b>Nils Lofmark, Managing Consultant, Mason Advisory</b><br>The session will consider the role of mobile technology in public safety operations, the potential opportunities presented by broadband capability, some of the challenges to successful deployment and adoption.                                                                                                                                                                                                                         |
| <b>17:20</b> | Q&A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>17:25</b> | Panel session with all speakers and <b>Nick Koiza</b> , Head of Business Development, Security, <b>Plextek</b> and <b>Richard Martin</b> , Freelance Technical Writer, <b>Writecliffs</b> .                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>18:05</b> | <b>Event closes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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 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 18 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 the annual Future of Wireless International Conference and Discovering Start-Ups competition 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](http://www.cambridgewireless.co.uk)



## Profile of host

### **Sepura PLC**

Sepura is a global leader in the design, manufacture and supply of digital radio products, systems and applications for business and critical communications. A market leader in over 30 countries, we're at the forefront of digital radio technology, and trusted by globally recognised entities such as FIFA, CERN, Disney, Audi and Shell, as well as some of the world's most prestigious public safety organisations. From TETRA to DMR, our complete solutions encompass rugged and reliable radios; a network that's solid, powerful and easy to deploy; applications to boost organisational efficiency; and one of the broadest ranges of support tools and accessories on the market. [www.seapura.com](http://www.seapura.com)

## Profile of SIG Champions

### **George Grayland, Nokia**

George Grayland is a Senior Solutions Manager with Nokia. George joined Nokia in 1998 and has held positions in both Product Management and Technical Sales for GSM, WCDMA and LTE networks. After periods working with Operators such as Telefonica and Deutsche Telecom on 3G, he is now based in the UK and is responsible for Mobile Broadband Networks Solutions working with two of the UK's larger MNOs as they plan their 4G network deployments. Prior to Nokia and NSN George held various positions at Philips Electronics in both R&D and Technical Marketing. He has a BEng in Electrical and Electronic Engineering from the University of Bradford and is a Member of the IET. [www.nokia.com](http://www.nokia.com)

### **Peter Montgomery, GSMA**

Peter currently leads strategic partnership activities for the GSMA. He works with key stakeholders in the mobile telecoms market to collaborate on GSMA led industry initiatives with the aim of facilitating and triggering market expansion, enabling scale and fostering innovation. In turn lowering the barriers to widespread adoption of technologies such as mobile broadband and enabling new emerging solutions such as embedded mobile to gain a sure foothold. Having acquired a degree in Electrical and Electronic Engineering from Birmingham University, Peter moved swiftly into the commercial world where he led marketing and business development activities at Marconi, Symbian and then Nokia before arriving at the GSMA. [www.gsma.com](http://www.gsma.com)

### **Tom Rebbeck, Analysys Mason**

Tom has recently re-joined Analysys Mason as Research Director, and has responsibility for the definition, delivery and management of its consumer telecoms research activities. Prior to returning to Analysys Mason, Tom was a Global Project Manager for Telefónica where he was involved in the launch of a number of mobile content services and applications across the Telefónica footprint. Before this, he was Principal Analyst for Analysys Mason, and worked on numerous client projects. [www.analysysmason.com](http://www.analysysmason.com)

### **Iain Stanbridge, BT**

As Principal Network Architect in BT's Architecture team, Iain is accountable for the evolution of EE's radio access network and spectrum strategy. Iain has been heavily involved in shaping EE's 4G network plans and works closely with stakeholders in EE's operation and partners in the mobile ecosystem to develop new opportunities for the mobile network. Iain has held a number of Design, Architecture and Strategy roles in Orange UK and France Telecom Group, spanning radio and core networks. Prior to joining Orange, Iain worked for Siemens Research at Roke Manor. He has an MEng in Electrical and Electronic Engineering from the University of Birmingham and an MSc in Strategic Management from the University of Bristol. [www.ee.co.uk](http://www.ee.co.uk)

### **Andy Widdess, Sepura PLC**

Andy Widdess is a chief architect with Sepura plc. Andy joined Sepura in 2014 as a Software architect covering Enterprise applications and radio software architecture. Andy is responsible for the overall architecture of Sepura's application suite, production process and embedded software. Prior to Sepura Andy held various positions at Capita, TTP, LU and Smart in both Architecture and R&D roles where Andy was involved in researching opportunities for UMTS. Andy has a 1st in Computer Science at Teesside University and is a professional member of the IEEE. [www.seapura.com](http://www.seapura.com)

## Profile of speakers

### **Dr Nigel P Brown, Lead for Resilient ICT Strategy, Civil Contingencies Secretariat, Cabinet Office**

Dr Nigel Brown works for the Cabinet Office at the centre of UK government in the Civil Contingencies Secretariat. The Secretariat works in partnership with government departments, the devolved administrations and key stakeholders to enhance the UK's ability to prepare for, respond to and recover from emergencies. Nigel focusses on security and resilience policy for the information and communications technologies and energy sectors. He has previously worked for technical and management consultancies, BP Exploration and the Health & Safety Executive. He is a chartered Chemical Engineer and holds BSc, PhD and MBA degrees from Imperial College, London.

[www.gov.uk/government/organisations/cabinet-office](http://www.gov.uk/government/organisations/cabinet-office)

### **Markus Hochenbleicher, Principal Consultant, PA Consulting**

Markus has 20 years of experience in the fixed and mobile communication industry, advising telecom clients, operators, vendors and estate owners. Markus leads network projects that span strategic, technological, operational and commercial aspects and excels when understanding the complexities across all of those components. In the last four years Markus

developed plans for Mobile on the Tube for Transport for London, studied the potential of LTE to create new services for Ofcom, and created the business case and supported procurement of the key contracts for the Emergency Services Mobile Communications Programme (ESMCP). [www.paconsulting.com](http://www.paconsulting.com)

**Peter Hudson, Head of Technology and Innovation, Sepura PLC**

Peter is Head of Technology and Innovation at Sepura plc. Responsible for product strategy, technical roadmaps, strategic partnerships and standards bodies including ETSI and 3GPP for the Sepura Group. He has been extensively involved in TETRA, DMR, LTE and Enterprise Applications for the Sepura Group. Peter has worked in mainstream telecommunications for public operators, SME's and start-up companies, involving network management, broadband wireless and private mobile radio for over 25 years. His involvement in TETRA has been on-going since 1994, leading the system design team at Philips and Simoco, working on the design and development of Tetra Infrastructure and latterly product strategy with the Sepura Group. [www.sepura.com](http://www.sepura.com)

**Nils Lofmark, Managing Consultant, Mason Advisory**

Nils is a Managing Consultant with Mason Advisory, an independent specialist consultancy serving users of ICT across enterprise, government and emergency services. He has over 20 years' experience working with public safety agencies, principally advising on and supporting the implementation of mobile communications, control room systems and associated applications in support of critical operational activities. [www.masonadvisory.com](http://www.masonadvisory.com)

### Profile of Additional Panellist

**Nick Koza, Head of Business Development, Security, Plextek**

Nick heads up Plextek's business in the security market and acts as a trusted advisor on solutions incorporating key technology areas, including: wireless communications, sensors, radar, video imaging and associated analytics. He has a long and successful track record across global security & public safety sectors, where he has developed a strong reputation as a leading authority in mission critical mobile applications and secure communications in general. Nick is also a Champion for CW's Security SIG. [www.plextek.com](http://www.plextek.com)

**Richard Martin, Freelance Technical Writer, Writecliffs**

A marketing professional with 35 years in telecommunications, aerospace and defence. Since 2015 he has been writing for the TETRA Today magazine, Land Mobile and the BAPCO Journal. [www.writecliffs.com](http://www.writecliffs.com)