

Westminster eForum Keynote Seminar:

The internet of things: policy and technology priorities

Timing: Morning, Tuesday, 27th January 2015

Venue: Royal Aeronautical Society, No.4 Hamilton Place, London W1J 7BQ

Agenda subject to change



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- 8.30 - 9.00 Registration and coffee
- 9.00 - 9.05 **Chair's opening remarks**
Chi Onwurah MP, Shadow Minister, Cabinet Office and Co-Chair, PICTFOR
- 9.05 - 9.15 **The future of the internet of things (IoT)**
Gary Barnett, Chief Analyst, Software, Ovum
- 9.15 - 9.25 **'Spectrum requirements for the internet of things'**
Alin Stanescu, Government Affairs Europe, Qualcomm
- 9.25 - 9.50 **Regulatory implications of the rise of M2M**
David Harrison, Director of Technology Strategy, Ofcom
Questions and comments from the floor with **Gary Barnett**, Chief Analyst, Software, Ovum and **Alin Stanescu**, Government Affairs Europe, Qualcomm
- 9.50 - 10.00 **Dedicated wireless networks and the IoT roll-out**
Wendy McMillan, Director of Smart, M2M, Arqiva
- 10.00 - 10.25 **Enabling the IoT: connectivity, networks and investment**
To what extent will the development of the IoT require purpose-built infrastructure and dedicated spectrum, and where will existing resources be able to be used? What are the cost, funding, technical and planning implications? As the increasing number of connected devices puts added pressure on spectrum, what are the most promising ways forward for enabling growth in the IoT alongside existing services, and for managing the allocation of bandwidth - including innovations in technology and developments in sharing arrangements? What specific issues are Smart Cities in various stages of development, and with varying infrastructure configurations, likely to face, and what are their best options? Which kinds of conurbations and rural areas are in danger of being left behind? How should policy at a national and local level respond, both to reduce inequalities and to encourage the growth of the IoT? What are the opportunities for UK businesses and research institutions?
David Taylor, Managing Director M2M UK, Telefónica
Jussi Kähtävä, Managing Director, Allied Spectrum Associates
Questions and comments from the floor with **Wendy McMillan**, Director of Smart, M2M, Arqiva
- 10.25 - 10.30 **Chair's closing remarks**
Chi Onwurah MP, Shadow Minister, Cabinet Office and Co-Chair, PICTFOR
- 10.30 - 10.55 Coffee
- 10.55 - 11.00 **Chair's opening remarks**
Chloe Smith MP, former Parliamentary Secretary for the Cabinet Office
- 11.00 - 11.10 **Key points from the GO-Science Internet of Things Review**
Oliver Grant, Lead, Internet of Things Review, Government Office for Science
- 11.10 - 11.35 **Developing city-wide IoT infrastructure**
Geoff Snelson, Director of Strategy, Corporate Core, Milton Keynes Council
Questions and comments from the floor with **Oliver Grant**, Internet of Things Review, Government Office for Science
- 11.35 - 12.20 **Commercial opportunities: growth, automation and efficiency**
What opportunities does the IoT promise for businesses that develop, manufacture and market M2M devices - including the potential to refine manufacturing processes? As well as reducing costs how can IoT devices help businesses create new revenue streams; what strategies will be required to access the benefits? How will retailers be affected by the development of the IoT both in terms of the products they sell and customer experience? With large amounts of data being created through M2M communications what commercial opportunities does this give businesses and in turn how might consumers stand to benefit; what are the potential downsides, and how should relationships with consumers and between businesses themselves be managed?
Dan Byles MP, Chair, Smart Cities All-Party Parliamentary Group
Andrew Yeoman, Chief Executive Officer, Concirrus
Dr Maurizio Pilu, Partnerships Director, Connected Digital Economy Catapult
Dr Mark Darbyshire, Chief Technology Adviser, SAP UK
Questions and comments from the floor
- 12.20 - 12.55 **Standards, security and assurance**
What are the priorities for technology development, best practice and policy in protecting the high volumes of data expected to be created through M2M - including from the threat of cyber-attacks? Should there be an IoT-specific security model? What particular challenges does the IoT bring - legally, and in terms of business practice and regulation - in the relationship between data use and privacy? With concerns about the slow pace at which standards are being developed, how can policy, regulation and business practice best respond? What are the implications of these issues for consumers, and service innovators and other businesses? What can be learnt from the development of smart meters and other emerging M2M services? How can information on security and costs relating to IoT services best be communicated to consumers and businesses, including SMEs?
Philip James, Partner, Sheridans
Richard Curran, Head of Security, Intel EMEA
Dr Scott Steedman, Director of Standards, BSI Group
Questions and comments from the floor
- 12.55 - 13.00 **Chair's and Westminster eForum closing remarks**
Chloe Smith MP, former Parliamentary Secretary for the Cabinet Office
Peter van Gelder, Director, Westminster eForum



Seminar Supported by Qualcomm