

Wireless Healthcare SIG

“Responding to the Wireless needs of the NHS”
6th May 2010



Sponsored by:

Championed by David Cudby of Networks for Independent Living, Justin Paul of Airwave, Arif Rahman of CSR, Paul Williamson of Cambridge Consultants and Michael Lukin of TTP Group.

Venue: Philips Research Laboratories, 101 Cambridge Science Park, Milton Road, Cambridge, CB4 0FY

AGENDA

16:30	Registration & Networking over Refreshments
17:00	Introduction to the Wireless Healthcare SIG from SIG Champion, David Cudby, Networks For Independent Living
17:05	Welcome & Introduction , Gareth Jones, NHS East of England
17:20	<p>“Increasing Patient Follow-up for Healthcare Providers” Natasha Avila, eMedicis</p> <p>A presentation on the different tools available for Healthcare providers, to help them liaise with their patients regarding their state, once the patients have returned home.</p>
17:40	Q&A
17:45	<p>“IntelliCap – The Next Generation of Intelligent Drug Delivery & Monitoring Devices” Olaf Weiner, iPill, Philips</p>
18:05	Q&A
18:10	<p>“Why Don’t Medical Devices Communicate and Network Like Other Gadgets” Sebastien Cuvelier Mussalian, Team Consulting</p> <p>Team will discuss some of the technical challenges involved in getting wireless medical devices to work together and consider the commercial and regulatory pressures which have been barriers to rapid innovation and development.</p>
18:30	Q&A
18:35	<p>“Wireless Enabled Asthma Inhaler” Robert Milner, Cambridge Consultants</p> <p>The connected patient: Wireless technology can be used to connect the patient and their treatment devices with healthcare support professionals and a range of online applications. Cambridge Consultants' Vena inhaler demonstrates how technology can be used to enable seamless data transfer using wireless technologies, from patient monitoring or treatment devices to a patient's healthcare network - a physician's office or online medical support applications, for example - to encourage patients to follow their planned treatment regime</p>
18:55	Q&A
19:00	Panel Session
19:25	Closing Remarks
19:30	Fill in Evaluation Forms and Event Closes

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

Profile of Sponsor/ Host

HealthTech & Medicines KTN

The Knowledge Transfer Network funded by the UK Government, dedicated to accelerating innovation and technology exploitation in the broad health industries sector. For further information please visit: www.healthtechktn.com

Philips

Philips are deployed across a wide spectrum of business activities that embrace the key platforms of Philips dedication to providing Healthcare, Wellbeing, Lifestyle and Innovation based products, systems and services. For further information please visit: www.philips.com

Profiles of our SIG champions

David Cudby – Networks for Independent Living

David Cudby is currently focusing on Smart Houses and Independent Living supported in part by wireless/broadband based technologies relating to telecare / telemedicine for older people and the chronically ill. David has made visits to the USA including a DTI sponsored Global Watch Mission to assess the state of the art in this field. He maintains contacts in the US and has presented his findings nationally and locally. He is currently involved in a number of initiatives to raise awareness and promote choice in the UK around Independent Living. He is developing business ideas and is working towards launching a company called Networks for Independent Living. For more information, email him at david_living@btinternet.com

Justin Paul - Airwave

Justin Paul is the Head of Market Planning for the health sector in Airwave solutions Ltd. Justin is helping Airwave to make the transition from a specialist voice and data communications supplier to the UK Ambulance Trusts into the wider health market. Previously he worked as the Head of Segment Marketing at Alcatel-Lucent, and has worked for Logica and Nokia in the areas of mobile applications and data networks. For more information please visit: www.airwavesolutions.co.uk

Arif Rahman - CSR

Arif Rahman has a varied background covering wireless technology, voice recognition and test products for cellular systems, to technical consultancy on medical treatment systems and even some hands-on experience of healthcare in the community. He is a keen advocate on the ease of use of technologies for users to enable their rapid adoption by emerging markets. He is currently the Software Group Leader for BlueLab - CSR's development tool for on-chip Bluetooth applications. CSR is a member of the Continua Health Alliance. For more information please visit: www.csr.com

Paul Williamson – Cambridge Consultants

Paul Williamson is a Business Development Consultant and leader of the Wireless Medical Business at Cambridge Consultants. Cambridge Consultants offers a rare combination of professional Wireless system development, and Medical product design capability. Work within the Cambridge Consultants Wireless medical team has delivered the latest developments in low power radio for medical implants, wireless patient monitoring systems for hospitals, and new products for health and fitness in the home. For more information please visit: www.cambridgeconsultants.com

Michael Lukin – TTP Group

Michael Lukin is a Senior Consultant at TTP. Within 20 years of his career Michael was involved in projects for various sectors from communications and broadcast to industrial and medical. Within TTP Michael has been responsible for leading for a number of successful product development and consultancy projects, including technology management and market research. He is a keen advocate for the use of radio and microwave technologies for healthcare applications – from wireless sensors and body-area networks to diagnostics, RF imaging and treatment. TTP was involved into the lifescience sector for many years, and a number of successful medical devices and pharmaceutical solutions have been developed by the company. For more information please visit: www.ttp.com

Profile of Speakers

Gareth Jones – NHS East of England

Gareth has 29 years of experience in the NHS in various managerial positions. He started his career in Yorkshire and has also worked in the West Midlands. The last 16 years have been in Hertfordshire covering a variety of roles. These have included managing the Royston, Buntingford and Bishops Stortford PCT and more recently, Director or Strategic Planning for the Hertfordshire PCTs.

Gareth is on the East of England High Potential Executive Programme and has recently started a one year secondment as Head of Innovation at the Strategic Health Authority. For more information please visit www.eoh.nhs.co.uk

Olaf Weiner – Philips

Olaf has an academic background in Molecular Biology, Marketing, Corporate Finance and PhD in Biochemistry. During the last 14 years he has held the position of Business Development Manager in the area of high-tech Medical and Life Science products. It is his passion to identify new products/business opportunities and to create and manage the business organisation that is needed for commercial success. He has held the following positions:

Evotec AG: Business Development Manager Business Unit Head

BioGlobe GmbH: Co-founder

Directif & Siemens: Business Development/General Manager

3D Capital GmbH: General Manager

Philips Electronics: Business Development Manager/General Manager/CEO Philips Medimetrics

For more information please visit: www.philips.com

Sebastien Cuvelier Mussalian – Team Consulting

Sebastien joined team in October 2008 as an Engineering Consultant. He has worked as a multidisciplinary project manager for a world leading instrumentation company. His role at team includes embedded system development and electro-mechanical design for medical diagnostic instruments, creative product design, due diligence and design for manufacture.

Sebastien is an experienced engineer with strong business awareness and project management capability. Throughout his experience, he has actively participated to the full spectrum of reliable product development from conception to production for pharmaceutical and medical market.

Sebastien has an MBA and a BEng(Hons) in electronic engineering from Brighton University as well as a Maths/Physics diploma from Paris University. For more information please visit www.team-consulting.com

Robert Milner – Cambridge Consultants

Robert is a system architect specialising in low power wireless applications and has spent the last 2 years developing Cambridge Consultants' Vena platform. The Vena platform is a low cost, low power single chip Continua compliant solution to enable medical devices to communicate via Bluetooth or USB. Prior to this Robert's background is in embedded Bluetooth and WiFi applications across a range of markets and applications from internet radio to activity monitors. For more information please visit www.cambridgeconsultants.com

Natasha Avila – eMedicis

Founder and Managing Director of e-Medicis. Natasha previously held a position at General Electric Healthcare where she was responsible for the European Operation Services of the IS product line around Medical Imaging (she was awarded "Hero of Growth" and the service obtained a *Frost & Sullivan award EMEA PACS Annual Service Line Strategy Award*). Prior to this she developed and managed Lucent's professional services unit in France as well as consulting in the US, Germany and UK in the telecommunications and banking industries. She has a Master of Science degree from Cornell University and MBA from Cambridge University. For more information please visit www.emedicis.com