

Digital  
Communications

Knowledge Transfer Network

# Digital Scotland Beyond Broadband – The New Generation

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Digital Communications KTN



A regional forum hosted by the Digital Communications Knowledge Transfer Network  
in association with Innovation Centres Scotland



# Introduction

- **Welcome to this Regional Forum on Next Generation Access hosted by the Digital Communications Knowledge Transfer Network (KTN) and Innovation Centres Scotland**
- **This is the fourth in a series of Regional Forums**
  - The first was held in Ipswich in March
  - The second was in Bristol in July
  - The third was in Inverness in September
  - The next will be in Sheffield on 1 December
  - Subsequent Forums will be in Guildford and Wales

# The Digital Communications KTN

- Established by an industry led group of key players with funding from the Technology Strategy Board
- Our aim is to bring a competitive advantage to the UK by facilitating the exchange of knowledge on Digital Communications technologies and accelerating innovation in the sector
- We operate as a Network-of-Networks, working through other networks, industry associations, support organisations and communities of interest
- We have built a comprehensive network of members spanning the entire value chain
  - Universities, Equipment Manufactures, Solution Providers, System Integrators, Network Operators, Service Providers, Application Developers and Broadcasters
  - Those working in adjacent sectors - such as transport, education, health, energy and the environment - for which Digital Communication is a transformational technology.
- Membership is Free - visit us at [www.dcktn.org.uk](http://www.dcktn.org.uk) and join



# Regional Forums

- **The objective of each Forum is to engage with representatives of the local community and local companies to establish needs in respect of the future of communications**
  - A key issue in this respect is the services that will be required and whether these will demand the deployment of Next Generation Broadband Access Networks
- **Individual reports are being produced of the discussions at each Forum and a combined one on completion of the series**

# Forum Format

- **Presentations to Inform and Stimulate Discussion**
  - Views from two experts
  - The first, by Maurizio Pilu of the Technology Strategy Board, outlining their strategy in support of the Digital Britain agenda
  - The second, by Ian Vance of Amazing Communications, from a communications industry and technology perspective
- **Refreshments**
- **Workshop Groups**
  - With a focus on services rather than technologies
  - Addressing what services people, consumers and businesses will need in the future
- **Workshop feedback & Q&A**
- **Buffet Dinner & Networking**

# Agenda

2:20 - 2:30

## Welcoming Comments

Alisdair Gunn – Senior Manager, Innovation Centres Scotland

Philip Hargrave – CEO & Network Director, Digital Communications KTN

2:30 - 3:00

## Overview of Technology Strategy Board Activity in Support of the Digital Britain Agenda

Maurizio Pilu, Lead Technologist ICT, Technology Strategy Board

3:00 - 3:30

## Enabling Technologies for Digital Scotland

Ian Vance - Amazing Communications & Chair of the UK Government's Photonics Leadership Group

3:30 - 3:40

## Refreshments

3:40 - 4:40

## Workshop Introductions

4:40 - 5:30

## Workshops

5:30 - 5:45

## Workshops Feedback and Q&A

5:45 - 7:00

## Buffet Dinner & Networking

# Maurizio Pilu

## Technology Strategy Board

### Overview of Technology Strategy Board Activity in Support of the Digital Britain Agenda

Maurizio is Lead Technologist in ICT at the Technology Strategy Board, where he is part of a small team responsible for high-impact investments in innovative projects and businesses across the UK. He previously directed IT strategy and investments at Imprimatur, an international private equity house specialising in early-stage investment in breakthrough technology businesses. Before that he worked for ten years in the Office of Strategy and Technology at Hewlett Packard, leading and co-leading advanced technology projects.

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**Ian Vance**

**Amazing communications**

## **Enabling Technologies**

Ian Vance is a 40 year veteran of the telecoms industry having built the first radio on a chip and invented Time Division Duplex (TDD). He was Managing Director of STL in Harlow at its peak of importance and was Chief Engineer of Nortel in Europe. He currently consults widely in the telecoms and electronics space and is the Chair of the Government's Photonics Leadership Group.

# Workshop Groups

- **Creating a Smart Home**
  - Addressing entertainment, energy management, security, shopping and family information services
- **Transporting Digital Britain**
  - Addressing services relating to transport and the traveller
- **Digitising the Workplace**
  - Addressing how companies will communicate up and down the supply chain and the nature of the future workplace

# Agenda

## **3:40 – 4:40 Workshop Introductions**

- 3:40 - 4:00 Creating a Smart Home
- 4:00 - 4:20 Transporting Digital Britain
- 4:20 - 4:40 Digitising the Workplace

## **4:40 - 5:30 Workshops**

## **5:30 - 5:45 Workshops Feedback and Q&A**

## **5:45 - 7:00 Buffet Dinner & Networking**

# Workshop Guidelines

- **Choose which group you would like to attend**
- **Feel free to move from one group to another**
- **All ideas are welcome**
- **Each group has been assigned a facilitator**
- **The facilitators will act as scribes**
- **We will reconvene at 5:30 pm for reports by the Groups, followed by a Q&A**
- **The Forum will then conclude with a networking opportunity over a buffet dinner**