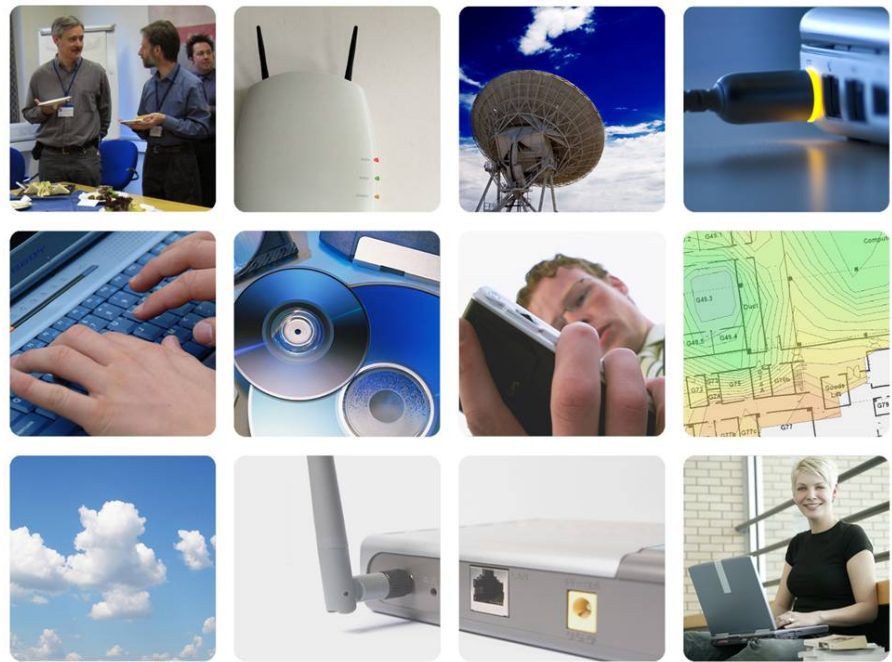


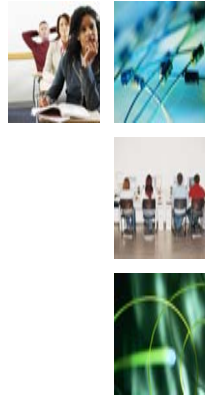
Wireless Technology Briefing

Manchester

Mark O'Leary
October 25th 2007



Agenda



- JANET(UK) & wireless technologies
- Today's programme



JANET(UK) & wireless

- Strategic technologies
 - Network development
 - Network Access
- Current Projects
 - Mobile IP
 - Location Awareness



Mobile IP

Subject to contract:

- Creating a test platform
- Creating a cross-JANET testbed
- IPTV
- VoIP
- Community networks
- Mobile IP vs. VLANs
- Networking search and rescue with 'manemo'



Location Awareness

Call issued 17th October...

- RF firewalls
- Campus/building guides
- Asset tracking

Responses by November 23rd, please.



Future work

- 802.11n rollout strategies
- Network Access Control for WLANs
- <your idea here>



Today's event

This is the second Wireless 'Technology Briefing'

– Coventry, February 2004

Aim to create the time to consider 'next steps' with the technology, disseminate ideas and best practice, and reconsider the role WLANs play in IT delivery.



Some themes

What do our users want from WLANs?

- “Is that all it does?”

Spectrum management

- Being a good neighbour
- Getting it to work!

What's next?

- Bandwidth
- Reach
- standards



Programme

- 10:45 – 11:15 **"A users' eye view of the WLAN"** (Steve Kelby)
- 11:15 – 11:30 *Coffee break*
- 11:30 – 12:00 **"Single channel WLANs, an introduction"**
(John Peach and Dave Crowder)
- 12:00 – 12:30 **"802.11n rollout issues"**
(Alistair Mutch)
- 12:30 - 13:30 *Lunch*
- 13:30 – 13:45 **"Discussion Points"** (Tim Chown)
- 13:45 – 14:45 **Breakout Sessions**
- 14:45 – 15:00 *Coffee break*
- 15:00 – 15:30 **"Deploying Wireless at Loughborough"**
(Scott Armitage)
- 15:30 – 16:00 **"The OpenSEA supplicant - open source 802.1x"**
(Andy Pearce)
- 16:00 *Close*



Break out sessions



- Facilitators
 - Tim Chown
 - Mark O’Leary
 - Jeremy Sharp
- Divided by broad topic areas
- “Swap dots”!
- Aim to collate discussion notes and circulate conclusions.

That's all!



Over to Steve...