



BT Vision: The Home Network

Broadband World Forum

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BT Vision

What is BT Vision?



Summary of launch services

- **An integrated DTT receiver**

- Freeview

- **DVR functionality**

- Pause & Rewind Live TV
- Record without videotapes (up to 80 hours)
- HD Ready

- **Entertainment on demand**

- Catch-up TV
- Films, Music, Classic and Contemporary TV shows

- **Communications**

- EDQ, Contacts List, Click2connect

- **Interactive**

- Simple Games
- Basic Gambling

Home networking: the issues

- Phone socket / DSL hub is not where broadband is required
- People now have more than one use of broadband (PC, Mac, XBox360, STB, home monitoring etc.)
- UK homes have few internal networks already
- Home network must be secure from neighbours
- Video requires high bandwidth and it needs to be guaranteed (at least 2M for SD and around 10M for HD)
- The cost of bandwidth into the home: to the viewer, the ISP and the content distributor

Home networking: the considerations

- Cost of components / maturity of product
- Amount of physical disruption to home
- Approval of technology by regulatory authorities
- Ease of installation
- Reliability / consistency of network created
- Ability to troubleshoot / remote manage network

Home networking: the solutions

- Wired ethernet / POF / other wired
- HPNA (phone line)
- MoCA (coax)
- WiFi 802.11n
- Ruckus Wireless (smart antenna)
- Powerline