Pace plc

Network Standby

Robert Turner – Consultant Approvals Engineer
Home Entertainment - History

Ten years ago

- Modem 40kWh
- VCR 100kWh
- SD STB 150kWh
- PC 250kWh

Total = 540kWh/yr.
Home Entertainment - History

Now

+ Place shifting
+ Time shifting
+ VOD

Integrated < 150kWh

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Home Entertainment – The future

- Tablet
- PC
- Smart Phone
- RVU
- Television
- Ethernet
- Wi-Fi
- MoCA
- STB 1
- STB 2

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Home Entertainment – The challenges

- Multiple networks – wired and wireless
- Ability to move content round the home
- Remote management of the home
- Always on functions e.g. VOIP

Energy Consumption

- **Active Standby**
  - Quick response
  - Optimum savings
  - Good user experience

- **Passive Standby**
  - Slow response
  - High savings
  - Poor user experience

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Industry relationships

STB Developer 3%
Software CA Middleware 5%
Hardware Silicon 10%
Service Provider

All together = 50%+