



UK Wireless Antenna Hosting

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UK Broadband Antenna Hosting

Introduction

LTT is deploying its high-speed Internet service across rural Britain in order to overcome the lack of commitment to broadband by BT.

As you have probably read in the newspapers and seen on television, BT has created a registration programme where people who want broadband Internet services in their town/village must register with them and if demand is sufficient they will begin upgrading the exchange.

The problem with this programme is whilst on the surface this appears to be a fair system, most regions are still waiting to have thresholds set and those that do have thresholds we believe are unrealistically high.

LTT has investigated purchasing rights from BT to use its copper wires (Local Loop Unbundling); however this is proven to be fraught with problems including long lead times, maximum of 5km from the BT exchange and the high cost of service delivery.

LTT's Solution

LTT has been in long-term trials in Spain to test a number of wireless technologies and has found that it can deliver services quickly and cost effectively using a mixture of Wireless LAN, LMDS and point-to-point microwave links.

As LTT is committed to minimizing impact on the Environment and the local area – we will not build towers to support our antennas, these not only damage the skyline, but as they are normally located outside of villages, high power antennas are required, leading to higher levels of electromagnetic radiation.

In order for LTT to bring high speed Internet to your community, we need locations to place our antennas. The typical antenna LTT uses is 52.5cm high and 1.3cm thick – these antennas are virtually invisible from the ground and use exceptionally low power. The complete installation generates less EMR than a mobile phone handset.

LTT Requirements

1. Space for small box containing the radios
2. Wall or roof space for the antennas
3. Electricity approx 5A (however the draw will be approx 2A). If UPS required then this will be placed in a mutually agreed location.
4. Option to bring phone line into the premises for management of the radio
5. Access to the equipment from time-to-time and emergency access
6. Minimum of three year contract

The installation and commissioning work will be paid by LTT. Customer will be required to be present to agree with our engineers where the equipment is going to be placed.

LTT Offers

1. Free Internet access – 512k Business Service (20:1 contention)
2. Installation and provision of hardware for customers internet connection (antenna & radio)