

## Transportation Firm - Connectivity - Case Study

### Business Sector – Transportation Services

6.6Km Radio Link Between Offices

### Client Profile



The Client Company is a transportation firm based in South London. We cannot reveal location and other details for reasons of security and confidentiality. The firm was established over 30 years ago and have built up a solid reputation for service and reliability. It has a track record of success in working with corporate and private clients. The Company has a clean, modern fleet of over 170 vehicles operating around the clock.

### Client Brief

The Client Company Principals knew the IT Partnership for many years and called in ITP for a meeting to decide and finalise the specification for their connectivity requirements to their new branch office 6.6 Km away. These Included:

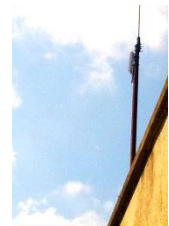
- Internet Access Services
- Connection to File Server at head office for data as well as specialist Job Booking Software
- Transmission of Telephony via VOIP
- CCTV camera data for security and surveillance.
- Installation, training, configuration, on-going support and documentation.

### Solution

The Branch was being set-up and they had acquired new Offices in South London. It needed to urgently setup business operations in a matter of months. All the IT and telephony connectivity was required to be setup with strict adherence to an agreed critical path to enable the branch office of the company to maintain continuity with its growing client base.

ITP obtained prices from fibre-optic and copper leased line service providers, but because of high civil costs these were not commercially viable.

- ITP then arranged to carry out site surveys with a view to creating a totally wireless connectivity solution.
- The surveys revealed that an insurmountable hill was obstructing the Microwave line of sight requirements
- ITP were able to arrange a location for a relay station 3 odd Km away that had line of site with both Endpoints.
- We developed the Engineering and had a consultant check the schematics and confirm selected Equipment.
- We then submitted the specification and pricing for consideration and approval.



### Business Benefits

The Wireless Link ITP provided packs some phenomenal performance with a revolutionary design combining a hi-gain 4 antenna system, advanced radio architecture, and highly researched and developed firmware technology allowing throughput, stability, and capacity performance rivalling even the highest-end WiMax networks. It allows for remote connectivity of data, CCTV as well as voice.

### Conclusion

This is yet another example of an Innovative solution provided cost effectively in record time

The IT Partnership has years of experience in design supply installation and Support for Complete IT and Fixed and Mobile Data and Telephony Installations like this one. We continue to support this client as we do hundreds of other customers so that they can carry out what they are good at!