

Wireless Ethernet

Pioneering Ethernet services across the UK, Vaioni have launched a Wireless Ethernet version of its Fibre Optic Ethernet services across Manchester, Liverpool, Dublin, Leeds and the raft of Metro cities coming on line in the near future.

Wireless Ethernet offers an identical service to our more traditional Fibre Optic service, except we deliver it over wireless, operating in Ofcom regulated frequency ranges to avoid 3rd party interference. Wireless Ethernet, offers a strong and robust service delivering 99.95% SLA and 100% SLA with ADSL backup, making Wireless Ethernet an extremely strong alternative to traditional leased lines.

Wireless Ethernet is delivered across a meshed topology, which means it can traverse the wireless network in the fastest and most appropriate manner, meaning the service is instantly resilient and self healing. Each of the PoPs are connected via diverse dark fibre routes, allowing any speeds beyond 1Gb+ to be delivered with ease.

Access to the network is controlled by IP and Air Mac addresses between two distinct and known transmitters and is completely invisible and cannot be discovered using conventional industry standard 802.11x equipment. Add AES 128 & 256 full encryption and it is simply not possible for a third party to connect to the network. This makes our Wireless Ethernet an extremely secure service.

One of the distinct advantages of Wireless Ethernet is Vaioni can provide an uncontended, synchronous connection within 24 hours. This allows us to extend our service delivery beyond what is the norm of 35 working days and more.

Connected directly to the Vaioni backbone, you get full global routes, low latency and ultra fast speeds to any destination, backed with a strong SLA and an extraordinary support team.

Current typical customers of the service are councils, Police Forces and a large user base of SME and Corporate Businesses.

Typical applications are CCTV, Data, Voice, Video, point-to-point services.

Feature Spotlight

- Alternative to traditional fibre network
- Fibre equivalent 99.96% SLA and 4hr fix
- Speeds from 2mb to 10Gb
- Synchronous and uncontended
- Fully meshed and self healing
- Can be used as a primary connection or as a backup connection in conjunction with a leased line. Unique to Vaioni.