

Surfing “on the go” in the Scottish Highlands

Highland Wi-Fi offers hotspot service for businesses and tourists



The objective of Highland Wi-Fi, founded in 2009, is to offer the fastest, highest performance public wireless LAN hotspots in the UK. “Our service is in demand, especially in regions where mobile coverage is poor and sometimes non-existent,” says Calum MacDonald, founder and Chief Technical Officer of Highland Wi-Fi. “Our solution works with ADSL connections, bringing the capabilities to enjoy data rates of up to 20 Mbps, soon to be increased to 100 Mbps with major broadband infrastructure upgrades taking place across the country.” The current network is distributed over 40 site locations and provides coverage to villages, campsites, hotels, hostels, bus stations, holiday parks, cafés, and tourist attractions. “Business owners can utilise our Wi-Fi services and pay a monthly fee. Their customers can then make free use of wireless Internet access with their personal equipment”, explains MacDonald. The network has 24/7 protection from potential misuse. Alternatively customers at any of the hotspot locations can use the “pay-as-you-go unlimited service” directly and have a choice of online times, from just one hour to a whole year.

“Highland Wi-Fi uses products exclusively from LANCOM, which is one of the reasons why our network is so stable, secure, and fast.”

Calum MacDonald, founder and CTO of Highland Wi-Fi

About 120 LANCOM devices have been installed so far, and the network continues to grow steadily. The devices are generally used outdoors. To withstand extreme weather conditions, various access points, routers and switches are in operation, depending on the requirements. The result is a very stable and fast network, which also gives the users easy roaming between the different hotspot locations.

“Our service represents considerable added value, in particular for tourism in the regions served,” reports MacDonald. “24-hour availability, and that 365 days a year, can only be guaranteed with the best products.” All signs point to expansion for Highland Wi-Fi, “The system is that good, we can deliver globally and still operate under the one network”, says MacDonald. In 2010, MacDonald’s business idea received the Smarta 100 award, which is given to the most resourceful and most innovative businesses in the UK.

Customer

Highland Wi-Fi

Location: Scotland

Contact: www.highlandwifi.com,

Website: www.highlandwifi.com

Products and Services:

fast, reliable and secure Wi-Fi at the highest speed possible for businesses and customer

Requirements

- Highly durable products able to withstand extreme weather conditions
- Stable operation even with high volumes of “Guest Access” data traffic
- Integrated security features to protect the network from misuse

Components used

- Various LANCOM routers, access points, and switches
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