



WIFI GUYS

PREVIOUS PROJECTS



PORTERS



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Ski Porter

Luke manages Skiporters and understands how quickly a business can be affected without a reliable broadband internet connection. With Skiporters located in the Southern Alps of the South Island, it is a true test to today's technology. From blistering winds to blinding snow and frozen ice. But still the broadband functions without a hitch.

Relying on an internet connection via a satellite antenna on the staff accommodation building lower down the hill the data was sent then via an old 2.4GHz data link to the main office. This combination of equipment required his attention from time to time to kick back into life and gave continuous performance issues.

WiFi Guys were able to arrange a DSL connection, supply and install a 35Km wireless data link from Sheffield to Tower 2 on the skifield. This is powered via solar panels and a battery pack. The batteries are charged up via petrol generators during the winter season due to the lack of solar energy at no additional cost as the skifield already had these installed. This reduced the size and cost of the solar panels to produce the energy required to run the data repeater during these months.

From Tower 2, there is a local AP that connects to the main office. This allows them to install another radio at the workshop in the future and have instant access to broadband and the local network servers etc.

The wireless equipment installed allows for two WiFi SSID's, the first is their local admin network for staff to access via their laptops, tablets and smart phones etc. The second SSID is a free hotspot service to the public. Using the latest technology of that used by Internet Service Providers, Skiporters are able to easily and cheaply upgrade and expand the network in the extreme conditions they are faced with.

Luke, Site Manager says the system worked faultlessly last season with no outages over the 2011 season.



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