Frequently Asked Questions about Wireless Broadband

What throughput is broadband capable of? Our solutions are capable of speeds starting as low as 10 mbps, and can achieve speeds of up to 1000 mbps, synchronous, and full duplex. These are true data speeds to the Ethernet layer, not over the air speeds. Many of our solutions are license key upgrades to the speed so the solution can grow with your business needs.

What are the health and safety concerns? Our solutions employ Radio Frequency (RF) equipment. Older technology such as microwave raised heath concerns, whereas modern RF technology is fully CSA approved, and widely used in a variety of industries including government and health care.

How secure of the wireless link? Many of our solutions incorporate a proprietary encryption that is "un-crackable" by today's standards. The radio units are hard coded by MAC addressing to communicate only with each other. The wireless data itself is protected by a 64 bit encryption that changes with every burst of information sent and received.

What are the distance limitations? Our solutions are capable of distances up to 50km over a single link. Through the use of hop sites, or additional links, the possibilities are virtually endless.

How is the connection affected by weather? Every type of wireless technology is somehow affected by adverse weather conditions. Our solutions employ equipment and technology that is virtually unaffected by what is referred to as "rain fade". With proper engineering this means that the link will remain constant in hot, cold, rain, snow, overcast, and high winds.

How reliable is the connection? Our solutions are implemented with equipment from vendors that have achieved the highest industry standards of **99.999%** availability. This translates into an estimated maximum downtime of 15 minutes per year over the lifetime of the solution.

How costly is the solution to implement? By comparison to traditional wired LAN extensions and leased connections, wireless broadband offers a very cost effective alternative. In many cases offering ROI in as little as a few months, and a drastically lower TCO.

Who uses this technology? Wireless Broadband technology is widely used in a variety of industries including manufacturing, financial, government (Federal, Provincial, and Municipal), military, health care, educational, and wherever else there is a need for data intensive, reliable, multi-location connectivity.

For a free path profile or no obligation quote, please contact us at: 1-888-SKYNET-0 or visit www.SkyNetIP.com