



## MWEB Uncapped Wireless

**MWEB Uncapped Wireless** The MWEB Uncapped Wireless offering provides businesses in selected areas with high-speed uncapped, unshaped Internet access via the unlicensed spectrum – without the need for a traditional telco line.

MWEB has installed a range of base stations on high-site towers in Johannesburg and Cape Town to provide uncapped wireless access options using the unlicensed spectrum (5,4GHz – 5,7GHz). This gives customers within a 5km radius and who have line-of-sight to any base station an alternative way to connect offices, branches and other locations to each other via the MWEB Data Centre.

This connectivity is based on a high-speed wireless link that is both cost-effective and fast to implement. Line speed options include up to 512k, up to 1 024k and up to 4 096k.

### Product features

The solution utilises Alvarion's BreezeAccess base stations and Client Premises Equipment (CPE). It includes a Wireless CPE, a router and five static IP addresses that can be used to host Exchange Servers or web servers on the customer's premises. Customers will also receive MRTG (multi router traffic grapher) graphs showing traffic throughput, as well as alerts via email and SMS should the connection be dropped.

The unlicensed spectrum is shared with other Internet service providers and is therefore a "best effort" service, due to possible interference. The Uncapped Wireless offering is a "last mile" wireless replacement offering that provides cheaper access due to the fact that equipment is bundled into the offering. This makes it more affordable than similar services provided over fiber or leased lines, as there are no additional telco cost required.

### Product benefits

Customers need not wait for physical telco line installations. As long as the business is within the 5km coverage area and has line of sight, installation is fast and seamless. The technology also acts as an ideal failover offering in that it requires no copper for installation, which means customers are not affected by copper theft. Furthermore, the base stations have a UPS (uninterrupted power supply) in the event of a power failure. *Current base stations include:*

**Johannesburg:** Sandton; Boksburg; Isando / Kempton Park; Midrand

**Cape Town:** N1 City; Naspers Building (Cape Town CBD)