



# **Application**

# **Access Provider/Seeker**

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## Introduction

Airnet NZ Limited is applying to the NZ Commerce Commission to be included as an Access Provider and Access Seeker for Local Telephone Number Portability Service.

## Service description

### Network

Airnet operates a fixed wireless network, built and operated by Airnet. A flat panel antenna is installed at the customer site which transmits and receives data from one of nine base station sites in Hawke's Bay and Rotorua. Airnet does not provide mobile data services.


### Services

Airnet was established as an ISP and began providing broadband services in June 2002. Voice services will be added from January 2007. The voice services will be provided primarily to business customers as a "copper line replacement" via the existing fixed wireless network.

## NAD

Airnet has been a party to the Number Administration Deed since March 2006, in anticipation of the subsequent interconnection with TCNZ.

Airnet has been allocated number blocks as follows:

-  03-650-XXXX
-  04-650-XXXX
-  06-650-XXXX
-  07-460-XXXX
-  09-650-XXXX

## TCNZ Interconnect Agreement

Airnet signed an interconnect agreement with TCNZ in early 2006. All testing has been completed between our networks and TCNZ approved our network for interconnection in August 2006.

The physical voice channel capacity into the local Napier exchange for the purposes of interconnection was ordered by Airnet from TCNZ in August 2006. Due to exchange capacity issues this has been delayed until January 2007 and we now have a confirmed installation date of 29<sup>th</sup> January 2007. After live network testing Airnet will be in production and providing PSTN voice services to the local markets.

## Need for Portability - Confidential

Airnet has a large number of business customers awaiting voice services who will necessarily require that their existing primary numbers are retained for business continuity purposes. Portability is an essential component of offering competitive voice services in the business market.

## TCF/LMNP

For some months now Airnet has been in communication with the TCF and has been monitoring the progress of the LMNP.

Airnet had assumed it's inclusion in the TCF/LMNP due to the following:

- Airnet had previously received assurances from Telecom Wholesale that they would ensure we were party to portability as we progressed through the interconnect process. We received notice from TCNZ in November 2006 that it was time we became active in the process and hence our communications with the TCF and LMNP team.
- Late in 2006 Airnet corresponded by email in some detail with the Jan de Bruin from Commerce Commission regarding the nature of our business, network and service description. Airnet assumed from this our inclusion in the above.

In November 2006 Airnet made it known to the TCF that it was interested in becoming a party to the LMNP and TCF. Due to the holiday period and the work load of those involved little was progressed until now.

On the 19<sup>th</sup> January 2007 Airnet participated in a teleconference with parties from the TCF/LMNP as follows:

- Cecil Averill - CEO - Airnet
- Sam Deller - Technical Director - Airnet
- Gillian Clark - Number Portability Project Manager - TCF
- Rob Clarke - Number Portability technical Consultant - TCF
- Steve Johnson - LMNP Programme Manager - Telecom
- Lloyd Davis - Regulatory and Policy Manager - Telecom
- Clinton Millard - LMNP Programme Manager - TCL
- Tracy Watson - Regulatory and Policy Manager - TCL

The agenda was as follows:

- Review Airnet plan to join LMNP
- Outline key tasks/responsibilities
- Identify issues

Airnet understands (minutes not distributed) the outcomes of this teleconference were as follows:

- The TCF/LMNP parties were satisfied Airnet could meet the 1 April 2007 deadline, as follows:
  - Suitable internal Airnet resources were available for design, build, testing and implementation
  - The Airnet technical team have a satisfactory grasp of the project scope
  - The necessary legal/business systems/agreements were in place
- Airnet were to immediately receive the LMNP operations manual
- Airnet were to confirm with the Commerce Commission their inclusion as an Access Carrier/Seeker
- Airnet was to ensure all necessary bi-lateral carrier agreements were in place
  - TCL Wholesale to now communicate direct with Airnet
- Airnet was to become a member of the TCF

## Background to Airnet (General)

Airnet NZ Ltd is a 100% NZ owned Telco established in Hawke's Bay in 2002. Doubling in size each year Airnet has become the leading wireless communications provider in the East Coast region. Airnet provides high availability voice and data solutions to the SME, corporate, health and education sectors.

The Airnet network was designed and built from the ground up to provide highly secure, high capacity and extremely reliable services. Critical core components are over engineered with added redundancy and all central systems are housed at our purpose built data centre.

The Whakatu data centre features: Controlled and monitored access with swipe card security technology, climate control with A/C and positive air pressure systems, triple redundant UPS's fed by an automated 50 KVA Diesel generator. This facility is monitored 24/7 by our on call technicians.

The Airnet network is fully voice capable and is interconnected with Telecom. We are a member under the telephone Number Administration Deed in New Zealand with allocated telephone number blocks. Voice services are due to be publicly released in January 2007. The network is monitored and performance is logged 24/7. All key network components are monitored by an automatic fault messaging/control system and have redundant power supplies.

Airnet is also a domain registrar and provides domain registration and hosting services with spam and virus filtering.

Airnet operates an IT division in Hawke's Bay for on site support, server solutions, system management, application integration and hosted application services.

Airnet also has an in house web, applications and database development team and capabilities range from basic website builds to complex custom application development.

Airnet also operates a projects division that builds and manages:

- Voice and data solutions for sub divisions
- CCTV and security solutions
- High capacity data links

## Key Contacts

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