



Wi MAX

Directory



The WiMAX Directory 2010

Blycroft Publishing

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364 Profiles | 217 Pages

Overview

Blycroft Publishing is pleased to announce the 1st edition of 'The WiMAX Directory 2010'. This directory is a new addition to the Blycroft directory series which recognises the growing importance and firm establishment of WiMAX as a serious wireless broadband contender.

'The WiMAX Directory' is available to order in both PDF and Excel format. This directory contains the most up to date data that Blycroft can obtain. The directory provides profiles of 364 active WiMAX operations and 800 management contacts throughout the world. Profiles include contact details (URL, address, telephone, fax), who owns the operation, named management, launch dates, the type of WiMAX deployed (fixed / mobile), the frequency used and which company supplied the network. All information is provided on a where possible basis.



WiMAX Defined

In the simplest of terms WiMAX is a form of wireless broadband. Within this directory two forms of WiMAX are covered. The first is 802.16d, which is the fixed WiMAX offering. Fixed WiMAX consists of a base station providing network coverage to an area and a transmitter/receiver installed at the end users location (home / work place). The second version is 802.16e, which is the mobile WiMAX offering. This works in a similar way to fixed WiMAX, but the end user is not fixed to a single location. They can use their laptop or similar WiMAX enabled device on the go within the coverage area. With the development of VoIP technology both WiMAX versions are challengers to traditional fixed line and cellular services.

WiMAX vs. Fixed – Where to put all the wires

Fixed WiMAX's key strength over traditional fixed network offerings is the freedom from wires. A base station can be deployed into an environment hostile to wires. This then opens up a whole new market which may not have had any basic telecommunications services before. Additionally, where only a basic service exists such as dial-up Internet, the WiMAX service would introduce a real broadband speed service for the first time.

Rural areas are mentioned as being the biggest benefactors of WiMAX, but consider urban areas where logistically it is difficult and costly to dig up streets and install cables into buildings. WiMAX takes away a lot of the nightmare of planning out a network and installing it compared to cabling everything.

For these reasons its deployment can be seen in rural Africa through to densely populated urban cities across Asia and the West.



WiMAX vs. Cellular - Speed and coverage are key

Markets are moving away from wired broadband with the goal of creating a permanently connected society. Users are demanding access to their e-mails, networks and entertainment services wherever and whenever which replaces the need for a cabled connection once the portable solution fulfils end users' needs. But this is a speed hungry need.

3G mobile services have not provided the connection speeds to entice end users away from their wired services. Dropped connections and lag times are also working against 3G. HSDPA mobile users in places are able to receive 14MB download speeds and where deployed HSPA+ is offering up to 42MB. These speeds do of course vary vastly depending on the country and the user location within each country. It is common to have a strong connection one minute and a page error the next from subsequently losing the strong signal.

Current mobile WiMAX speeds are quoted as being up to 144MB. LTE is now being championed within cellular markets as topping WiMAX, but WiMAX 802.16m is already being trialled in places and will look to offer 1GB download speeds.

So with speed being a hotly contested issue then coverage becomes paramount. Mobile users expect nationwide coverage yet mobile networks have not provided 100% coverage across territories to the same standard they have across dense money making zones. The reasoning is the same as with the deployment of fixed cable based technology; when a company has the whole country to focus on then the small niche markets get ignored. WiMAX base stations covering up to 50km per station can provide real broadband speed services to areas still stuck at dial up speeds. But their deployment is not just restricted to these niche rural markets. 1 base station can be installed in a city of 20 million people offering fast home broadband services to a populace previously only able to obtain services from the incumbent operator.

WiMAX is certainly not a technology to be dismissed and with hundreds of active deployments globally it poses a real challenge to both cellular and traditional fixed line carriers.



Research Process

'The WiMAX Directory 2010' is in its 1st edition. This means the data is new for 2010. The directory researchers spent a considerable amount of time during July compiling a list of active WiMAX operations. From this list further research was conducted throughout the month and into August to research each operator's profile.

To compile the database the researchers spent considerable time examining industry forums, associations, white papers, press releases, company reports and filings, industry news services, regulator data and releases as well as in house publications and received materials. Contact was made with operators to clarify points.

The same research team works on both The MNO Directory and The MVNO Directory for Blycroft Ltd and are skilled at finding hard to find data.

Coverage

This is a global directory with operations on every continent. The region breakdown is Africa (86 profiles), Asia Pacific (80 profiles), Europe (100 profiles), Middle East (20 profiles), North America (32 profiles) and South America (46 profiles). There are 364 operators listed in 'The WiMAX Directory'. This directory contains active operations and will not contain 100% of all operations in the world, but it does contain close to this figure.



Profiles

'The WiMAX Directory 2010' network profiles consist of the following fields (data is provided where possible) ...

- Network name
- Company name
- URL of the network
- Parent company name

- Address
- Telephone (switchboard or alternative if no published central number)
- Fax

- Named management contacts (800 contacts over 235 profiles. No profiles contain e-mail addresses or direct line tel.)
- Launch date (commercial launch dates are primarily used but some trials transform into commercially launched operations without notice being given)
- Coverage (mixture of licensed coverage and deploying coverage, therefore this could be nationwide or a single city)

- WiMAX standard deployed (802.16d/e)
- Frequency used
- Network supplier and date of contract (Multiple suppliers may be listed and dates may relate to trials or full contracts, not all operators will publish their network supplier. This information is provided to assist in profiling rather than a definitive build out list.)



Reasons to Purchase

This directory is a guide to the market for those working within WiMAX or looking to break into the market. While it is not possible to provide subscriber data this directory does give an accurate presentation of who operates what and where. Similar technology directories by Blycroft have been used to both win new business and help direct marketing plans. Experienced operators will also be interested in this WiMAX directory to ensure they are up to speed with who is challenging and about to challenge their client bases.

- WiMAX has established itself as a serious player globally
- WiMAX networks are potentially transferrable to LTE networks
- WiMAX is evolving from 802.16d and 802.16e to 802.16m

There is a big debate within telecoms over the future of WiMAX. The cellular based technology advocates believe that WiMAX will be replaced with LTE. The WiMAX advocates believe that WiMAX is the future for communications technology and will replace both fixed line and cellular services. It is rare for only one technology to have complete domination over a telecoms sector and in this rare situation this status soon disappears. The latter negates the worry over WiMAX being a fad to be quashed by cellular evolution.

WiMAX has shown that it is evolving having gone from fixed to mobile WiMAX and now with the pending 802.16m standard with 1GB theoretical download speeds. This rivals the LTE offerings currently being rolled out by mobile carriers.

There are also instances of WiMAX operators having crossed over to LTE with minimal hassle compared to a completely new network launch. So not only is this directory an excellent guide to the market but it can also act a starting point for those supplying LTE as well as WiMAX software and hardware.



Pricing and Format

This directory is available in both PDF and Excel formats. The data found within the PDF is the same as in the Excel file. Purchasing the Excel file provides more functionality as you are able to edit the data easily, manipulate the data as required and extract profiles based on your own needs.

- Single user PDF – GBP 595
- Single user PDF & Excel – GBP 795
- Up to 5 users, PDF & Excel – GBP 995
- Up to 20 users, PDF & Excel – GBP 1,495
- 20+ users, PDF & Excel – GBP 1,995