



# A Strong Economy Ensures a Winning Business Case for WiMAX in Central America

## The Company

Liberty Technologies Corporation was founded in 2002 and is located in Panama City, Panama, a country of more than 3 million inhabitants. Liberty markets its WiMAX broadband services under the WIPET brand\*. The company has access to 150 MHz of spectrum in the 3.4 to 3.6 GHz band. In addition to using the spectrum for WiMAX it is also used for traditional high capacity LOS corporate links.

Liberty's target market for WiMAX is internet access for residential and SOHO customers in the Panama City area. Its current WiMAX deployment comprises of 31 Cisco 802.16e base station sectors on 16 sites covering approximately 1.2 million inhabitants residing in Panama City and the surrounding area.

In addition to providing WiMAX-based broadband services, Liberty also operates the only Wi-Fi hotspot network in the country. Known as Wisper Hotzone, the network includes more than one hundred access points in restaurants, airports, coffee shops, marinas, etc. The WiMAX network in most instances is used as backhaul for the Wi-Fi access points.



Another service known as Smart/IP, offers high quality mission critical data links for businesses with Quality of Service (QoS) support for mixed services including video, data, and VoIP. Liberty owns sufficient amount of spectrum to support these microwave links as well as WiMAX.

## WiMAX Broadband Services Offered

Liberty Technologies offers two types of service plans. With a postpaid plan Liberty leases the modem to the customer under a traditional contractual billing arrangement typical of many ISPs. Monthly fees for

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\* [www.wipet.com](http://www.wipet.com)



Customers are especially happy with the portability aspect of the service. Performance issues have been rare, and when encountered were deemed to be coverage specific and not equipment related.

WiMAX portable self-installable subscriber terminal connects  
via Ethernet port to customer computer



View from WiMAX base station in Panama City, Panama





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