



WiMAX Information, Training & Resources

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Connecting the WiMAX Community

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[WiMAX Opportunities in Africa](#) By Cintia Garza, Market Analyst

The growth and development of WiMAX in Africa has taken place mainly during 2006-2007. At the beginning of 2006, the WiMAX subscribers figure for Africa was just a few thousand. But according to the WiMAX Operator Tracking Service, WiMAXCounts, at the end of 2007 that continent accounts for more than 20,000 WiMAX subscribers. This number is low because it is dominated by business customers who serve access to 10's or 100's of internal users, in contrast to residential access. Also, there are many new deployments that took place during the second half of 2007. During this year, the subscriber numbers have grown at an average rate of 28% per quarter, and the growth from Q2 to Q3 2007 alone was 36%.

[Interview with DragonWave](#) By: WiMax.com

DragonWave was founded by a group of people out of Newbridge Networks (which subsequently became Alcatel). They were working in LMDS and decided that they could design and build a better radio than they could buy on the market. They designed a microwave radio solution that can be assembled on a standard surface mount assembly line, reducing cost, improving scalability and reliability and delivering high performance.

WiMax.com Blog

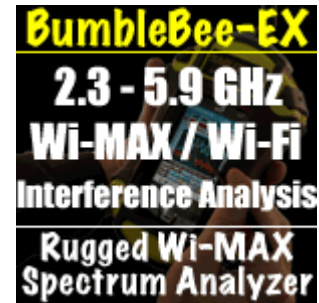
[Intel Brings WiMax to the Classroom](#) - Intel has been working closely with the Nigerian government to formally launch Classmate PCIntel, a program which aims to provide laptop-style computers equipped with educational software to students and teachers.

[WiMAX is Not Dead: Why the Sprint-Clearwire Fallout Does Not Mean the End for WiMAX](#) - After a plethora of rumors questioning Sprint's commitment to WiMAX and the strength of its plans for a nationwide rollout, the answer has come: Sprint and Clearwire's deal has come to an end. The reasons are ambiguous, with either company only supplying comments such as: "the deal was likely to introduce a level of additional complexity to each party's business that would be inconsistent with each company's focus."

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WIMAX UNIVERSITY TRAINING

[WiMAX RF Network Designer Certification Boot Camp](#)

Description/Course Outline

A series of 3 skills-based courses for network planners. This four-day program teaches all of the radio-frequency and IP-network design skills necessary to pass the WiMAX Network Designer™ exam and includes the classes listed below:

- (1) Overview of RF Design
- (2) RF Design for WiMax
- (3) WiMax Core Networks.

WiMAX360 - An Open Community for WiMAX Professionals

[The place for WiMAX Professionals and Enthusiasts to ask questions, trade tips and learn more about WiMAX.](#)

Benefits of joining WiMAX360

Build Your WiMAX360 Professional Profile - WiMAX 360 allows users to easily and quickly build personal profiles.

Network With Other WiMAX Professionals - WiMAX 360 allows WiMAX professionals to openly and easily communicate with each other in real time through chat and forum discussion

Load and View WiMAX Videos and Photos - Members can share pictures and videos of their WiMAX experience or display various wireless products.

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WiMAX JOBS

Post and apply for wireless related jobs at the WiMax.com Job Center. Its fast and easy to use.

Employees - Please fill out the new [On-line Job Application](#)

Employers - Post your WiMAX Job - for more information contact

us at jobs@wimax.com

FEATURED REPORTS

[Opportunities and risks for embedding WiMAX in Consumer Electronics](#) - This report includes analysis of interviews with more than 35 leading consumer electronics vendors and WiMAX manufacturers. Findings from these interviews include opportunities and risks for embedding WiMAX in consumer electronics devices.

[China WiMAX](#) - China is an increasingly active test bed and emerging market for new technologies such as IPTV and WiMAX. With its large population (1.3 billion), high rate of GDP growth (9% per year) and increasing mobile user base, China would appear to offer a wealth of opportunities for WiMAX.

[WiMAX, 2nd Edition: Analyzing End User Demand Trends](#) - As regulatory issues, technical challenges and certification processes begin to be addressed, WiMAX ecosystems are steadily being built, leading to deployments that are slowly but surely being realized in both developed and developing country markets.

[3G Versus WiMAX Spectrum Analysis](#) - The Critical Factor in BWA/WiMAX versus 3G - In January 2006, we published the first ever spectrum comparison analysis between WiMAX and 3 G in 55 countries. Maravedis is pleased to provide its customers with this 2nd edition expanded white paper comparing WiMAX and 3G spectrum in 100 nations.

[ClearSpectrum BWA/WiMAX Worldwide Licensing & Technical Databases](#) - The only RELIABLE, COMPREHENSIVE and UP-TO-DATE list of BWA/WiMAX spectrum license holders and technical regulations worldwide. Based on a survey of country regulators in 53 of the worlds largest economies. Composed of two separate databases: (1) the Licensing and, (2) the Technical databases. Available by Region or Globally.

[WiMAX Strategic Capex Model](#) - Mobile Wireless Networks Microsoft excel model for operators planning and designing BWA & WiMax networks. Results provide for amount of equipment needed, coverage area, number of subscribers and break-even profitability. Includes 30 minutes of consultation.

WiMAX White Papers

[Nortel - Nortel's WiMAX Ecosystem Solution](#)

Brief:Nortel is driving an open, multi-vendor, MIMO-based ecosystem working with leading chipset and device manufacturers by offering devices that are pre-integrated and bundled with its overall solution, as well as promoting IOT among leading WiMAX vendors.

[DragonWave - WiMAX Out of Band Backhaul Solution](#)

WiMAX technology solves the last mile access problem, but how do you cost effectively backhaul the traffic generated by these services?

[Proxim - The Solar Power Alternative in Broadband Wireless](#)

White Paper discusses the many different reasons as to why solar power is a good alternative to traditional power sources.

[Senza Fili - Building End-to-End WiMAX Networks](#)

Network operators worldwide are busy evaluating or planning for these

deployments, selecting vendors, identifying the appropriate network architecture and often deciding how to integrate Mobile WiMAX within their legacy infrastructure. The White paper discusses how this will be implemented.

Solectek - [Capturing customers today with WiMAX 802.16d: The business and technology case for fixed WiMAX](#)

As a Principal Member of the WiMAX™ Forum with experience manufacturing wireless equipment since 1989, Solectek Corporation has researched the merits of the 802.16d standard for fixed broadband wireless and the forthcoming 802.16e standard for fixed and mobile applications.

WIMAX RESOURCES

[WiMAX Learning Center](#)

Information on WiMAX architecture, radios, antenna technologies, subscriber stations, site surveys, interference, QOS, spectrum, security, applications, economics, competing technologies and more.

[WiMAX FAQ](#)

The most complete 'Frequently Asked Questions' (FAQ) available on WiMAX from general information to applications and regulatory guidelines.

[WiMAX University](#)

Complete training solutions including WiMAX fundamentals, core network/IP planning and implementation, RF planning and design and equipment/component design

[White Papers](#)

Leading vendor's perspective on all aspects of WiMAX including technology, markets and business models.

[Research](#)

In-depth research and tools including global and regional market analysis and spectrum/technical database.

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Information on WiMAX companies and certified products.

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Complete listing and description of all WiMax vendors from silicon through solution providers.

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