

The architecture of the **VistaMAX** (WiMAX / IEEE 802.16-2004) system from Vecima Networks utilizes highly integrated single box base stations (BS) and subscriber stations (SS) as the network elements. Vecima Networks plans multiple configurations of this same basic platform to suit many different frequency allocations around the world from 450 MHz to 6 GHz.

Key characteristics of the system are as follows:

- Up to 22 Mbps using 64QAM in a 7 MHz channel
- Time division duplexing (TDD) for maximum spectral efficiency
- True non line-of-sight performance using OFDM
- Full quality-of-service (QoS) to support real-time services & guaranteed service level agreements
- Vecima Power Connect audible installation assistance to facilitate customer self-install

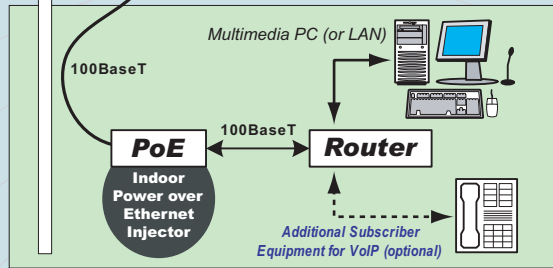
Vecima Network's proven experience and success:

- has an established wireless Network Operations Center (NOC) and post sales support
- owns and operates a wireless ISP (www.yourlink.ca):
 - provides high-speed internet service to areas beyond the reach of cable
- founded in 1988:
 - continuously achieves remarkable quarter over quarter growth
- wireless/CATV MSO
- thousands of CPE units sold globally with deployments on 5 continents
- 2 manufacturing facilities located in Canada
 - Victoria, BC, and Saskatoon, SK
- over 900 employees and 98,000 sq. ft. of facilities

VistaMAX models to cover 3.5 GHz with other bands planned
Ready for worldwide deployment

Power over Ethernet
Convenient powering of all units

Subscriber Home / Office



Vecima Networks Power Connect
Unique audible alignment beeper to facilitate self-install

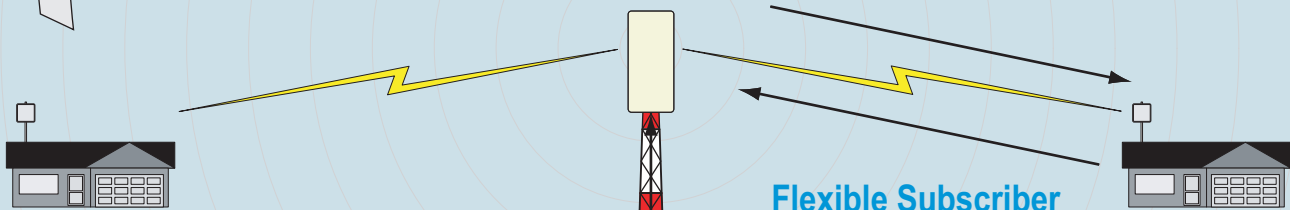
Efficiently Scalable
Easy future growth, add increased revenue

All outdoor Base Stations and Subscriber Stations

Minimize space requirements at base station and subscriber premises

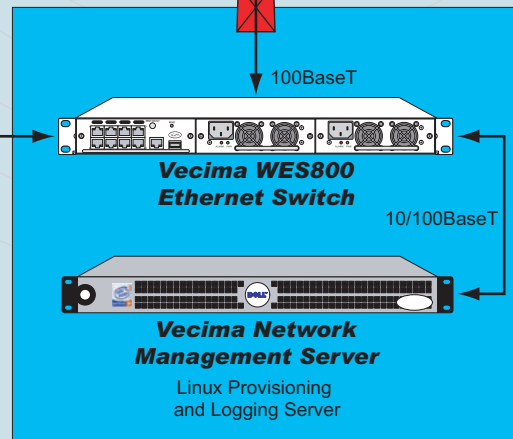
GPS integrated into Base Station

Automatic base station synchronization



Flexible Subscriber Bandwidth Management
Offer many service package options, tiered

Base Station

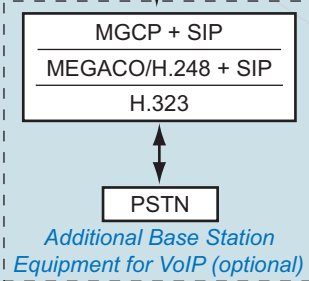


VistaMAX Ethernet Switch provides Power over Ethernet for up to eight base stations
Power up to eight VistaMAX base stations from a single 1RU device

VistaMAX Ethernet Switch equipped with SFP ready Gigabit Ethernet interface
SFP ready GbE port accepts all SFP module types for connection to many network configurations

IP Network

Gigabit Ethernet



VistaMAX Base Stations and Subscriber Stations are interchangeable

Base stations can behave as subscriber stations and subscriber stations can behave as base stations



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