ABOUT

Aperto Networks Fact Sheet

- Headquarters: Milpitas, California
- Founded: 1999
- Funding: $120 million in private funding from JK Capital, Canaan Partners, Alliance Ventures, GunnAllen Venture Partners, Innovacom, JAFCO, Labrador Ventures, and Tyco Ventures.
- Mission: Help leading service providers deliver affordable wireless voice and broadband profitably by building the world's most advanced WiMAX base stations and subscriber units. Aperto fundamentally changes the economics of delivering voice and broadband services through IP-rich, point-to-point and point-to-multipoint networks, allowing carriers to offer a wider variety of services to more customers using less equipment. Its carrier-class WiMAX technology offers industry-leading subscriber density, quality of service, ease of use and reliability.
- Initial user target: Small to midsize enterprises served by business-class service providers
- Future user target: Mass-market subscribers as WiMAX certification and large volumes lower costs
- Systems: The Aperto PacketMAXT system, based on an Advanced Telecom Computing Architecture (ATCA) chassis, gives carriers the full benefits of a WiMAX ForumT-certified ecosystem, a clear path to portability and mobility, powerful voice over IP features, and a common platform shared with Aperto's pre-WiMAX PacketWave® architecture. The Aperto PacketWave system provides a family of base stations, subscriber units, and associated radios and antennas in 2.5, 3.5 and 5 GHz frequency bands for point-to-point and point-to-multipoint deployments. These scalable systems with their patented technology support new wireless installations and complement legacy broadband wireless access technology.
- Applications: Carriers have deployed business-grade wireless access from T-1/E-1 to 14 Mbps for wireless VPNs, disaster recovery, VoIP, streaming media and hot spot backhaul
- Major milestones:
  -First products shipped in the first quarter of 2001
  -Leader in business-grade access platforms
  -Highest subscriber density/cell
  -Highest spectral efficiency and quality of service (QoS)
  -Systems now installed in 65 countries
  -First WiMAX Forum Certified™ Products in the WiMAX industry in January 2006
- Success factors:
  -A range of functions appealing to wireless providers and business subscribers-integrated

IP routing, virtual LANs (VLANs), QoS, and optimized multiple data flows per link and per subscriber
-Systems highly popular in the underserved area of T-1/E-1 replacement
-Highly stable, reliable, and quick to install
-One platform serves all dominant sub-11 GHz frequencies
-Founding member and key contributor to IEEE 802.16 and WiMAX Forum; chair of the Forum's Service Provider Working Group

- Future-facing capabilities:
-Support for a variety of new business models
-Per-cell profitability for large/small cities and rural markets
-Support for multiple frequencies and hybrid networks
- Technologies key to feature-rich broadband wireless access systems, such as carrier-class base station controller, network management features, radio, antenna, user-appropriate subscriber units, wireless backhaul features

- Announced customers:
-BeotelNet in Serbia
-BSNL in India
-CEFIB in Mali, Africa
-Cedarcom in Lebanon
-Center Unified School District in Sacramento, California
-Conterra Communications in North Carolina, South Carolina, and Georgia
-CSM in Indonesia
-Egation Communications in Silicon Valley, California
-France Telecom in Brittany
-Gold Mind Telecom in China
-IFX in Colombia and Argentina
-Illuminat in Trinidad and Tobago
-Infoseti in Russia
-Internet Partners/GTS in Poland
-Leap Wireless in Dublin, Galway, Limerick, Cork, and Waterford, Ireland
-Leapfrog Broadband in southwest Michigan
- Link3 in Bangladesh
-Maui Sky Fiber in Hawaii
-Mobily in Saudi Arabia
-MVS Comunicaciones in Mexico
-PAN Wireless in Ukraine
-Sequelle in West Virginia, and Ohio
-SLT in Sri Lanka
-Supernet in Pakistan
-TowerStream in Boston, Providence, New York City, Chicago, and San Francisco
-TransAria in Montana and Alaska
-Turbonet in Turkey
-Ultravision in Mexico
-VSNL in India
-Wight Cable in the Isle of Wight, UK