

Clearly, the power of the Internet is opening new vistas of opportunity both domestically and internationally. With new applications, such as video conferencing, streaming audio and video, voice over Internet, and increasingly robust and dynamic Web pages, consumers and commercial users are demanding high-speed bandwidth for faster and faster data throughput.

To address these needs, telecommunications carriers have been employing a myriad of wireline broadband technology solutions: ISDN, DSL, cable modems, and fiber optics. However, many of these deployments have fallen short of their promise. Slow deployments and lack of services in areas has hampered wide use broadband adoption throughout congested cities and rural areas. Additionally, in developing markets where basic telephony infrastructures lack, broadband services are a distant promise.

This "last mile" is defined as the gap from where broadband services end. To bridge this gap, one solution is to leverage new developments in wireless broadband services. Known as fixed wireless, these solutions bridge the last mile and bring broadband services to untapped markets.

In markets where fixed wireless is a preferred solution, often times the existing POTS services are deficient or even nonexistent. Therefore, a complementary solution for these regions is to bring the power of fixed wireless broadband services with toll quality voice services. In these areas, Voice over IP (VoIP) married with fixed wireless broadband creates the perfect blend of Internet bandwidth and voice/telephony services.

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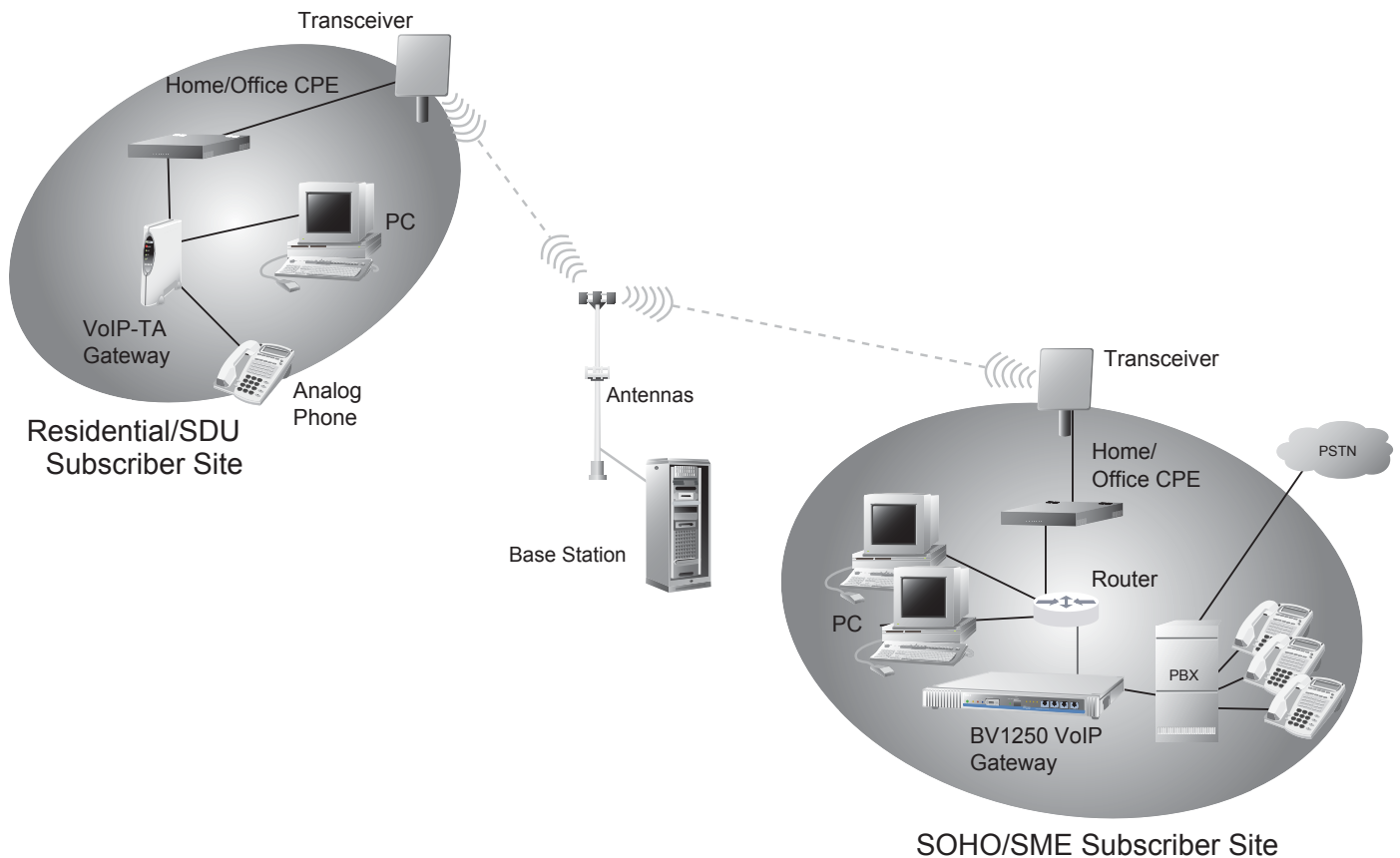
VoIP allows people to communicate as they normally would with a telephone, but instead over IP based networks. Leveraging a 100-year heritage of telephony experience and advanced electronics design, Oki Network Technologies (Oki NT) is one of the world's leading VoIP solutions developers. Given this, Oki NT is working with leading fixed wireless broadband solutions providers to combine the performance and flexibility of fixed wireless with the cost-effectiveness of IP data and voice transmissions.

Using Oki's VoIP technology has both short-term and long-term benefits for companies. One short-term advantage is an immediate return on investment and cost savings. By using Oki NT's VoIP solutions, companies bypass long distance tolls. Another advantage is that businesses

no longer need to rely upon expensive international conference call services to conduct meetings, training sessions and customer support.

As for long-term benefits, VoIP technology complements the convergence of traditional telephony capabilities with broadband services. As well, with VoIP, data networks can be seamlessly managed and integrated with telephony networks, thus simplifying and streamlining voice and data management processes.

Fixed Wireless and VoIP solutions by Oki NT exemplify how new solutions are reshaping business practices for domestic and international businesses. As businesses adopt new and dynamically Internet-driven paradigms, Oki will be at the forefront of these new markets with innovative solutions that empower 24/7 data and voice communications, anytime and from anywhere.



Oki Network Technologies' VoIP-TA and BV1250 Internet voice gateways are designed to seamlessly integrate into existing small office / home office and medium sized enterprises. As is delineated in the diagram above, Oki's CPE solutions fit perfectly into both residential and SME locations that utilize Fixed Wireless as a method for data transfer.

Oki Network Technologies has dedicated itself to the development of productive business relationships with leading Fixed Wireless manufacturers. An important issue for the successful deployment of Fixed Wireless with VoIP capabilities is interoperability. Working with the specifications of each Fixed Wireless vendor, Oki Network Technologies' engineering team designs the IVGs to meet these interoperability issue requirements.



CALIFORNIA OFFICE
(Headquarters U.S.)
 785 North Mary Avenue
 Sunnyvale, CA 94085
 Tel: 408-737-6401
 Fax: 408-737-6441
 U.S.A.
 URL: <http://www.okint.com>
info@okint.com

FLORIDA OFFICE
 801 Brickel Ave 9th floor
 Miami, FL 33131
 Tel: 305-789-6611
 Fax: 305-789-6689
 U.S.A.
 URL: <http://www.okint.com>
latinsales@okint.com

JAPAN OFFICE
(Headquarters)
 Oki Electric Industry, Co., LTD.
 IP Network Division
 10-3 Shibaura 4-chome,
 Minato-ku, Tokyo 108
 JAPAN
 Tel: +81-3-5445-6346
 Fax: +81-3-5445-6363
 Email: ivg@dm1.oii.oki.co.jp
 URL: <http://www.oki.co.jp>