



Business, Mission, and Vision

IBEC, Inc. develops products and services for broadband Internet access, intelligent networking, and Homeland Security over the electric power lines. This enables electric utilities to provide two-way, multi-megabit, Internet-Protocol (IP)-based data, voice, and video services to their customers directly over their own power lines. This is vital to both urban and rural customers, many of whom (estimated at 61% of U.S. households) are beyond the boundaries of cable, DSL, and other high-speed Internet access services.

IBEC's mission is to become the premier supplier of cutting-edge products and services for the growing Broadband-Over-Powerline (BPL) market. Its vision is to close the "digital divide" between well-served and underserved America, opening the benefits of broadband to all and Empowering the World's Broadband™.

IBEC Products and Services

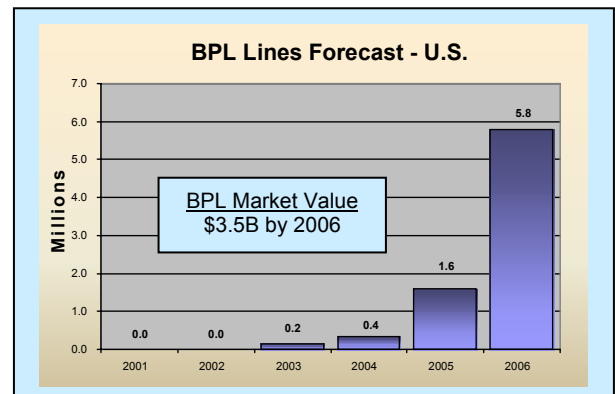
IBEC offers a fully turnkey product and service solution for utilities, consisting of a powerline-based, broadband IP communications system and a full suite of ISP services. IBEC's licensed technology allows signal connections to be made independently to each of the power distribution circuits for delivery of broadband services and wide area network (WAN) access to the customer premises. IBEC's IP modulation techniques and HomePlug/Wi-Fi-compatible broadband access devices provide quick and easy access to the Internet either directly through any convenient power outlet or wirelessly direct from the external electric power line to the personal computer.

The addition of IBEC's broadband BPL video surveillance and Homeland Security system allows utilities to monitor and secure their remote facilities and sites directly over their own power lines. IBEC is also partnering with others to offer the utilities BPL SCADA and AMR capabilities as well as substation management and control. This will allow any Internet-enabled customer premises device to be accessed, monitored and controlled remotely via the electric power lines.



Better Than DSL, Cable, and Satellite

While DSL and cable modem service providers are competing head-to-head in many urban areas, neither is feasible in underserved areas (both urban and rural), where DSL requires significant telephone network upgrades, and cable data is not economically viable. The only viable alternative for many consumers is satellite data service, which does not offer comparable bi-directional data rates and is more costly to deploy than any of the wireline services. IBEC's turnkey solution offers superior service, easier deployment, and lower cost than DSL or cable, while providing significant internal network value-add to its utility customers.



Of Single-family Households in the U.S.:

- 21% are "broadband rich" and currently have access to both cable modem and DSL services
- 18% are "broadband limited" and have or will have access to either cable or DSL within 3 years
- 24% are "broadband waiting" and will not have access to either cable or DSL for 3 to 5 years
- 37% are "broadband never" and includes areas that most likely will never have cable or DSL

IBEC's Complete Turnkey Solution

IBEC leverages its rich history in providing ISP services to utilities, their customers, and a host of others with BPL products that provide the lowest-cost-to-deploy-and-operate solution in the industry. IBEC's economical, turnkey systems are optimized for underserved markets, to ensure that a utility can serve even its most remote customers efficiently and with the highest data rates possible.

IBEC - Empowering the World's Broadband®.



International Broadband Electric Communications, Inc.

Empowering the World's Broadband®

Executive Management Team

Scott E. Lee – President & CEO

Scott Lee is recognized as one of the premier experts in computer and Internet technologies, having been involved in these industries since their infancy. Mr. Lee is co-founder and president of Lexis Epoch Enterprises, Inc., and its subsidiary companies, Learning Systems Technologies, Inc., providing personal computer manufacturing and service, and CybrTyme, Inc., a full-service Internet Service Provider. Scott was a co-founder of the North American System Builders Association (NASBA), where he currently serves on the Board.

Steven E. Turner – Chief Operating Officer

Steve Turner has over 20 years of leadership experience in the telecommunications industry. Prior to joining IBEC, Mr. Turner was vice president & general manager and chief technical officer of the Enterprise Access Business Unit of Verilink Corporation. Mr. Turner was also formerly the vice president of Extended Range Products at Adtran, Inc. and director of Research, Technology, & New Product Introduction at Motorola's Transmission Products Division.

William D. Hudson – VP, System Deployment

Bill Hudson is VP of System Deployment for IBEC. Prior to joining IBEC, Mr. Hudson was co-founder and president of Hudson-Lee Converging Technologies, Inc., a VoIP company, and he was a co-founder of NASBA. A retired attorney, Bill specialized in corporate, contract, general business, and real estate law during his thirty-one years of active practice in the state of Alabama.

Brent R. Zitting – VP, Engineering

Brent Zitting joined IBEC with over 15 years of experience in design, development, and management of engineering products and programs. Mr. Zitting's primary focus has been in the area of telecommunications and broadband engineering. Prior to joining IBEC, Brent served as chief technologist at Discoverycom, Inc., as a technology director at Nokia Broadband Systems, and in various engineering positions at Adtran, Inc. bringing numerous successful T1, DS3, voice, and integrated access products to market. Many of these products are now industry standards.

HomePlug and Wi-Fi Compatible

IBEC's broadband access system and customer-premises *BRAD* Broadband Access Device modems utilize the same Orthogonal Frequency Division Multiplexing (OFDM) modulation standardized by the HomePlug Powerline Alliance (HPA) for in-building powerline-based networks – allowing IBEC to offer true “broadband to the power outlet” capability to its customers. In addition, IBEC offers its customers a fully IEEE 802.11 (Wi-Fi)-compatible wireless Internet access solution. Thus, IBEC provides the most flexible, cost-effective BPL solution in the industry - from any convenient power outlet or wirelessly from the external power line directly to the PC.

Demonstrated Market Interest

IBEC is currently involved in Pilot Programs with several electric cooperatives to provide BPL Internet access and test its video surveillance applications. The Company is in discussions with several investor-owned and municipal electric utilities and with a number of electric cooperatives regarding pilot and large-scale roll-out programs. IBEC is also in discussions with major equipment suppliers to the electric power industry regarding integrating BPL capabilities directly into utility products. The Company anticipates more pilot programs as well as full-scale customer system deployments and services throughout 2004.

IBEC, Inc.

102 Clinton Avenue, Suite 202

Huntsville, AL 35801

(256) 492-1000 - voice

(256) 428-3998 - fax

Marketing@ibec.net

<http://www.ibec.net>



Empowering the World's Broadband®