

By Chris Roden, Research Analyst

1Q 2007

Synopsis	Yearly Growth of BPL Subscriber: 2007-2011					
FTTx and BPL: Analysis and Outlook analyzes market trends and significant events that will impact FTTx and	3.0	precast of U.S				
BPL deployments over the next five years. It also addresses consumer and competitive pressures that will influence these methods, the economics associated with the deployment of these technologies and the opportunities FTTx and BPL provides for vendors and service	2.5 - sport 2.0 - sport 2.0 - subject 2.0 - sub	0.8	1.	0	2.0	
providers.	2007 Source: Digital Living Fe		200	09	2010	2011
Publish Date: Jan 07	"Both consumer Chris Roden, re many rural resi the U.S. has ac for these reside companies will to better manag	search analyst dents don't hav cess to power I nts to receive I also drive BPL's	at Parks As e access to nes. This te proadband s growth. BF	sociates. " DSL or ca echnology service. Or PL gives ut	On the co ble, but e is often th the busin ilities mor	nsumer side, every house in ne only option ness side, utility re information
Contents						
	The Bottom	Line				
	1.0 Notes On					
The Bottom Line is a concise, executive- level summary of the current state of the market, evolutionary path, and the implications for companies doing	 2.0 Internet 2.1 Today's Ir 2.2 Internet S 2.2.1 The R 2.2.2 Bandy 3.0 Broadbar 3.1 BPL, what 	Services Mark Internet Service Services Market ural Gap vidth Demand Ind Over Powe	at Overvie s Market Opportunit r Lines Mar now?	ies	ysis	
business in this space. A Parks Associates'	3.1.2 Utility	nunication over Company Pers net Service and	pective	ovider Per	spective	
Resource Book contains a wealth of consumer survey data and company profiles— a must-have reference	3.1.4 Wirele 3.2 Impact of 3.2.1 Regul	ess, Friend or F Regulations ar atory and Legis ndustry Standa	be? d Standard lative Lands	S	•	
for product/market planning.	3.3.1 BPL Costs 3.3.2 Economic Distribution Models					

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3.4 BPL Deployments
 4.0 FTTx Market Analysis 4.1 The Move to Fiber 4.1.1 The Threat of Cable 4.1.2 Demand for Broadband Services 4.2 Fiber Deployment Strategies 4.2.1 How "Deep"? 4.2.2 Strategies of Telcos 4.2.3 Regulation and Legislative Impact 4.3 Fiber Network Deployments
5.0 Market Forecasts
6.0 Market Implications
Resource Book
Section I: Trends in Internet Adoption Internet Service Penetration High Intenders
Section II: Consumer Satisfaction, Retention and Churn
Section III: Service Options, Awareness and Utilization Bundled Services and VAS Options Service Provider-Provisioned Home Networks Internet/PC Security Services Storage/Backup Services
Section IV: Interest in Guaranteed Bandwidth and Upload Speed Perception
Section V: Profiles of FTTx Product and Service Providers Verizon Communications Inc. SBC/AT&T Inc BellSouth Corporation SureWest Communications Nippon Telegraph and Telephone (NTT) Korea Telecom (KT) Alcatel Motorola, Inc. Tellabs
Section VI: Profiles of BPL Product and Service Providers Current Technologies, LLC Corinex Corporation MainNet – Power Line Communications, Inc. Ambient Corporation Utility.net, LLC International Broadband Electric Communications, Inc. (IBEC) Telkonet, Inc. Motorola, Inc. Design of Systems on Silicon (DS2) Intellon TXU Electric Delivery Duke Energy CenterPoint Energy

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EarthLink, Inc.

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Verizon FTTx Deployment by State
Verizon FiOS Service Plan and Pricing
AT&T U-verse Service Plan and Pricing Alcatel's Fiber-to-the-User Solution (FTTU)
Motorola Fiber-to-the-Premise and Node Solutions
Tellabs® DynamicHomeSM Solution
Current Technologies Products
Current Technologies BPL Deployment
Corinex Products
Corinex BPL Deployment
MainNet Products
MainNet BPL Deployment
Ambient Products
Ambient BPL Deployment
Telkonet Products

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Motorola Canopy [™] Wireless Broadband Platform DS2 Powerline Communication ICs for BPL Deployment
Intellon HomePlug® Products

Attributes	
Parks Associates	Authored by Chris Roden
5310 Harvest Hill Road	Executive Editor: Tricia Parks
Suite 235	Published by: Parks Associates
Lock Box 162	
Dallas TX 75230-5805	© January 2007 Parks Associates
	Dallas, Texas 75230
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