Help for National Broadband Strategies

Low Cost - Ultra High Bandwidth to the Masses (Rural & Urban)

400 Megabits/sec Bandwidth over Existing Copper Phone Lines
1/20th the cost of fiber in Urban areas and 1/100th in Rural
Environmentally Friendly, Low power, No trenching,

See it work at Booth # 5163
ITU World Geneva October 5 to 9
www.BondedDSLRings.com

FOR IMMEDIATE RELEASE
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Governments and telecoms can now plan and implement a much needed low cost National Broadband Strategy thanks to a new breakthrough technology called Bonded DSL Rings (BDR). It provides ultra high bandwidth (400 megabits/sec) to both rural and urban customers over existing copper phone lines at 1/20th the cost of fiber in Urban areas and 1/100th the cost of fiber in Rural areas. Bonded DSL Rings (BDR) is Environmentally Friendly and requires no trenching and low power.

See how Bonded DSL Rings work at Booth # 5163 ITU World Geneva October 5 to 9

"Notwithstanding Government and Telco budget constraints these days - with Bonded DSL Rings Telcos can make much needed ultra high bandwidth accessible to the masses, inexpensively and in an environmentally friendly way in both rural and urban areas," stated Stephen Cooke, inventor of BDR.

Benefits to Rural and Urban Telco customers using Bonded DSL Rings include being able to access HDTV over DSL (IPTV); high quality video phone calls, remote home security monitoring with video, 3D TV, remote medical monitoring, home network management and continuous automated meter reading, E999/911 calls when power fails and download speeds exceeding what future cable will offer customers plus a host of other applications. In addition, with BDR Telco customers get greater reliability and quality of service plus convergence of Wired/Wireless telephony called Fixed Mobile Convergence.

"DSL Rings technology makes IPTV profitable in many otherwise unprofitable markets."
www.iptvmagazine.com June 2009

Bonded DSL Rings is an environmentally friendly solution. It reuses existing copper telephone lines and requires no trenching. Its low power consumption and reduced carbon footprint are achieved while still delivering ultra high cable competitive bandwidth. BDR offers Telcos an estimated 1 year return on investment (ROI).

BDR provides Quality of Service, which allows customers to get the bandwidth they pay for and allows Telcos to offer certain levels of free bandwidth if they choose. It also provides Efficient Multi-Cast, which frees up more bandwidth for video and data as needed during popular live events and other applications.

"With no trenching required and deployment on demand Bonded DSL Rings can be deployed to any network coverage area not economically or environmentally viable for Fiber-to-the-Premises/Home (FTTP/H). Also, it can be deployed in conjunction with Fiber-to-the Node (FTTN) and Fiber to the Curb (FTTC) to help deliver significantly higher, more efficient and differentiated bandwidth to Telco customers " Stephen Cooke stated.

BDR is an excellent femtocell deployment platform because it is the only technology that integrates the femtocell synchronization with sufficient DSL-based backhaul bandwidth capabilities over existing infrastructure. BDR development will incorporate a series of femtocells including 4G (Long Term Evolution - LTE), 3G, Wi-Fi and WiMAX.

See a video on Bonded DSL Rings at www.viodi.tv/2008/08/17/genesis Also, read about it at www.iptvmagazine.com/2009_06/IPTVMagazine_2009_06_Profitable_IPTV_with_DSL_Rings.html .

Bonded DSL Rings is a patent pending technology from Genesis Technical Systems Corp www.genesistechsys.com of Calgary, Canada.

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