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Network Your Home with Powerline Technology

By Stefania Viscusi, TMCnet Assistant Editor

IP-enabled consumer electronics are quickly increasing in popularity. In 2007, the market saw a specific increase, reaching 64 million units shipped, and representing nearly 73 percent growth, Multimedia Intelligence has reported. Corinex has 48 percent worldwide market share for Powerline networking products and ships products on 6 continents. We also have over 20 Powerline products in our product portfolio, more than all other companies.

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BD: Typical consumer would connect one Corinex Powerline Adapter (Corinex AV200 Powerline Adapter) to their broadband modem or router. Other devices can be connected to a gaming console, computers, TV Set Top Boxes, PVR's, Media Servers, VoIP adapters, IP Cameras, and other devices. You can connect up to 32 Ethernet-enabled devices in a home.

SV: What role does this add to a Network to the home for a guaranteed, stable Internet connection at all times.

BD: DVD Players, Blu-Ray Players, TV's, PVR's, Gaming consoles and other devices are all now Ethernet enabled. With most of these devices being video, the amount of bandwidth (speed) required within the home network is increasing. Three years ago, the home network didn't need to be any faster than your incoming Internet feed. Today, the home network might have multiple streams of video (from Computer to TV, TV Set Top Box in one room to Set Top Box in another room), Internet traffic, computer-computer data/audio traffic, and other traffic, all simultaneously. With an HD Video stream taking 19.2 Mbps, Internet connections of 10Mbps (and Fiber of up to 100 Mbps!) the home network might have demands in excess of 50-60 Mbps easily. Corinex Powerline networks operate at 200 Mbps.

SV: What are some of the ways consumers can network their homes?

BD: Typically the consumer would connect one Corinex Powerline Adapter (Corinex AV200 Powerline Adapter) to their broadband modem or router. Other devices can be connected to a gaming console, computers, TV Set Top Boxes, PVR's, Media Servers, VoIP adapters, IP Cameras, and other devices. You can connect up to 32 Ethernet-enabled devices in a home.

SV: How difficult is it to achieve this, and does difficulty level form a barrier?

BD: Setup is simple-- it takes literally 2 minutes to create a network of two devices. Plug the first adapter into the wall; connect the supplied Ethernet cable into the second device (example). Easy and Done!

SV: What is Corinex Communications position in the market?

BD: Corinex is the largest supplier of Powerline products in the world according to independent research analysts Frost & Sullivan (News). Corinex has 48 percent worldwide market share for Powerline networking products and ships products on 6 continents. We also have over 20 Powerline products in our product portfolio, more than all other companies.

SV: What are some of the technologies offered by Corinex?

BD: Corinex products include our standard AV200 Powerline Ethernet adapters, which create a 200Mbps ultra high-speed network. This product line comes in a desktop or wall mount version (which just plugs directly into the wall). Corinex also has a product designed specifically for Gamers called "GameNet" – the fastest and best way to connect a game console to the Internet and a product that creates a network on coaxial cables as well, called CableLAN. In addition, Corinex has enterprise products for networking offices, called OfficeConnect 600 which allows an office to create a secure network of up to 20 users in less than an hour.

SV: How do Corinex’s offerings bring benefit to consumers looking to connect their homes?

BD: Consumer benefits include easy setup (1 minute and even the technically challenged can do it), speed (faster than wireless), coverage (network your entire home without any dead spots), solid connection (the network is stable and never drops periodically like wireless is prone to do) and a secure network (most wireless networks are prone to hacking since most people don't know how to make them secure).

SV: Why do you feel 2008 is the breakout year for Powerline technology?

BD: Corinex has had triple digit growth each of the last three years and all signs point to another triple digit growth year. Consumers are starting to understand the advantages of Powerline networking. Some applications like online gaming (connecting an Xbox360 to the Internet for example) do not work well with wireless connections and consumers are finding Powerline and Corinex’s GameNet solution in particular, a perfect fit.

For more, visit www.corinex.com

Stefania Viscusi is an established writer and avid reader. To see more of her articles, please visit Stefania Viscusi’s columnist page.
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