Press Release for Pakedge RSB-KIT

For Immediate Release
Date: January 15, 2010
Company: Pakedge Device & Software
Contact: Dusan Jankov, dusan@pakedge.com

Pakedge RSB-KIT Arrives as *the* Bridging Solution

Burlingame, CA – January 15 marks the anticipated release of the Pakedge Device & Software RSB-KIT: the Preconfigured Audio/Video Bridging Solution. The RSB-KIT arrives not a moment too soon as standard computing collides with a multiplicity of Audio Video, VoIP, and home control devices - all over home IP networks. With movies, music, and telephone conversations all occurring over a home system, crammed IP networks have developed an urgent need for a bridging solution that will ensure smooth, uninterrupted functioning.

The Pakedge RSB-KIT is a gateway security appliance that does it all. It is a unique, gigabit managed switch-and-router duo with "out-of-the-box" Virtual LANs or VLANs. It eliminates unnecessary broadcast transmissions, freeing up devices to perform their intended task, while being simple and dependable.

"The development of the RSB-KIT is a first in home networking devices," says Dusan Jankov, Executive Vice President for Pakedge. "It's a business level, Enterprise Class switch and router combination that we've customized to be easy to install and easy to use."

VLANS and Port Priority

Here's how the RSB-KIT works: The RSB-KIT is configured with four subnet VLANs, each one set up with Pakedge's proprietary Quality-of-Service or QoS. The 'Router' section is the bridge between these four VLANs and the 'Switch' section manages the VLANs using a color-coded system to designate priority and VLAN number. Devices that demand 100% smooth communication, Voice-over-IP phones and audio-video streaming, get the highest priorities (Green and Yellow). Home controls are in the middle with Orange. Lastly, functions that can tolerate a certain degree of packet latency, standard computing and downloading, receive the least high priority (Red). This simple, preconfigured solution allows the custom installer to focus on quick, quality installations instead of getting bogged down in elaborate system configuration while providing the end-user with uninterrupted VoIP communication and video streaming.

Jankov adds that in addition to assigning packet priority, "the VLANs separate the noise from the necessary," by keeping each function segmented and eliminating 'broadcast storms'. This allows each part of the network, Audio and Video systems on one side of the network and laptops on another, to focus on their task without receiving traffic from all the other devices.

RSB-KIT Does Everything

The Pakedge RSB-KIT comes with Dual WAN capabilities where two broadband connections, such as DSL and Cable, can run simultaneously.   If one connection goes down, traffic will automatically be re-routed to the other service.

Also, the RSB-KIT 'gateway' scans every packet for malware and viruses so the internal home network remains protected. The RSB-KIT gateway is unique in that scanning is done within ASICs, or semiconductors, rather than software. This translates into more speed. Additionally, annual anti-virus subscriptions are purchased from Pakedge.

The RSB-KIT also does everything you would expect from an Enterprise Class device such as disable DCHP on a single VLAN, port forwarding, VPN (SSL, PPTP), dynamic DNS as well as a host of other functions.

The RSB-KIT can be obtained exclusively through authorized Pakedge dealers. Our trusted dealers specialize in custom electronics, home automation, and computer network installation.

COMPANY PROFILE: Pakedge Device & Software creates innovative networking products for people who demand performance, features, and reliability. Our products use the most advanced wireless and networking technology. They are designed for professionals to install and consumers to enjoy. For more information and system specifications, visit www.Pakedge.com.

RSB-KIT ADDITIONAL FEATURES:

- Stackable configuration can be combined with additional Pakedge switches for the largest of systems
- AV Rack mountable with clean, smooth face, back side cables, and sleek LEDs
- Fanless and absolutely silent operation
- Flexible with unlimited customizations and an Advances Setting login
- Internet Gateway Security with annual Antivirus/Antispam and Intrusion Prevention Service (IPS) subscriptions