



Press release No. 03/2013

Viprinet shows extended product range at CeBIT

Bingen, Germany, 3/1/2013. – German router manufacturer Viprinet, claiming to be the market leader and technology pioneer in broadband bonding, expands its product portfolio: with a new device generation of Multichannel VPN Hubs, new software features, and new accessories in the antenna area.

But first things first: Since 2006, Viprinet has been manufacturing network components. Viprinet is the inventor of a patented technology that allows actually aggregating bandwidths of different Wide Area Network connections. Viprinet calls these devices Multichannel VPN Routers and Hubs. For secure and fast connection of sites, facilities, and vehicles, Viprinet uses a VPN tunnel process in stellar structure which is necessary for the integration of two different devices, the Multichannel VPN Router and the Multichannel VPN Hub.

Each Multichannel VPN Router connected establishes an encrypted VPN tunnel to the central receiving station, a Multichannel VPN Hub, on each of the available connections. These VPN tunnels are bonded into an overall tunnel through which data is actually transmitted.

The Multichannel VPN Hubs have now been completely revised. The new models are called: Multichannel VPN Hub 1020, 2020, and 5010. A new architecture and new components increase especially the bandwidths of the new devices, and allow lower power consumption at the same time. Thus, Hub 1020 achieves a bonded bandwidth of 200 Mbps; Hub 2020 has an increased bonding capacity of 400 Mbps, and top model Hub 5010 bonds 2 Gbps.

Two new software licenses expand the functional range of Viprinet devices: For depicting billing models within a Multichannel VPN structure, Viprinet now offers a Traffic Accounting System. This allows monitoring and evaluating traffic on all Multichannel VPN Routers. With a web-based administration tool, user structures as well as threshold and limit values can be managed. The Traffic Accounting System also emails warnings when exceeding these values, and can be used for multiple hubs in a data center.

The second software extension is called Node Stacking. With that, multiple Multichannel VPN Routers can be combined to one virtual router in a master-slave structure. WAN modules of all connected routers are used to aggregate a total bandwidth by the master. Thus, the maximum number of lines to be bonded is no longer limited to six, but in fact unlimited. Node Stacking also improves reliability: One of the slaves can automatically take over the role of the master, in case the actual master fails. By that, not even a defect device results in being offline.

Amongst others, Viprinet uses 3G and 4G mobile connections for bonding. These media are critical to handle, because the quality of the connection depends on many external factors. Good antenna technology is one of the keys for optimum transmission. Viprinet's current antenna range has recently been expanded by a directed UMTS panel antenna for outdoor use, an LTE/UMTS panel antenna with two ultra-wideband receivers with MIMO technology for outdoor use, as well as an LTE/UMTS omni-directional antenna for use in vehicles.

In cases where the length of antenna cables causes too much signal loss for transmission and reception, another Viprinet novelty can be deployed: the MultiAMP Combiner. At distances of up to 25m between router and antenna, this new product compensates for 100% of signal loss caused by cable length, and is used for installation in buildings and larger vehicles.

All products presented by Viprinet at CeBIT are available from now. The official new products come with several prototypes of future products. Also, the new web configuration interface for all Viprinet products will be on display for the first time at the Viprinet CeBIT booth.

Viprinet's booth D27 can be found in hall 13, near the entrance WEST-1. At the outdoor area west of hall 14, Viprinet also shows several vehicles with highly reliable mobile Internet connections made possible by Viprinet technology, including an "Internet Rescue Service".

Press information released on 3/5/2013 – 4,067 characters – print free of charge, please forward a copy.

Press contact

Viprinet Europe GmbH

Mr. Tobias Frielingsdorf

+49 - 6721 49030-110

www.viprinet.com

tobias.frielingsdorf@viprinet.com

