



Nucleonet ToIP security appliances

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Effortless deployment of Centrex secured ToIP devices

PR9.NET May 06, 2006 - Foster City, Calif., - Nucleonet Security Appliances announces today Ultima specific product line for Voice over IP and Telephony over IP protection: the V series. Based on Nucleonet NucleOS this version is specifically targeting easy installation of remote site using IP phones and implementing any standard voice protocol (SIP, MGCP, H323, IAX2) or proprietary protocol based on IP. In addition, these products proposes all specific security features already available on Nucleonet product line and mainly authentication of the IP phone, traffic isolation, filtering per phone and end to end encryption of both signaling and voice transport.

In the context of IP Telephony deployment, Nucleonet V series allows deployment of IP phone at remote or customer location without any requirement on the IP infrastructure. Operating at the Ethernet layer, Nucleonet appliances are agnostic to IP addressing and routing schemes. This offers service providers a unique way to provide their IP addresses to customer or remote IP Phones, suppressing the need to understand the infrastructure and deal with firewalls and address translators (NAT/PAT). All IP phones connected to Nucleonet V series are seen on same private and homogeneous IP cloud, H.323 and SIP signaling drawbacks are thus lowered and any to any RTP communications can therefore be performed, leveraging the Centrex or IP PBX resources. By implementing filtering at the IP phone level, service providers can protect their infrastructure from attacks at the access level. IP traffic ciphering of both voice and signaling avoids phone wiretapping and ease interoperability between phones of all vendors. Any IP public or private network can be used between IP phones and the Centrex through the full IP ciphering, Telephony over IP using the Internet network can now be totally secured using the Nucleonet V series.

Increasing capacity on the Centrex by limiting voice handling and codec conversion allows telephony providers to accept far more simultaneous communications with the same infrastructure, allowing them to increase their revenues. In addition, Nucleonet plug and play technology allows easy deployment without any on-site intervention and complex IP phone configuration, increasing the ROI of IP telephony managed secured services.

The product line is composed of 4 specific set top boxes, VS05, VS10, VS20 and VS40 for respectively 5, 10, 20 and 40 concurrent IP phones. All these new products interoperate smoothly with the whole Nucleonet range of products and extends the Virtual Secured Network (VSN) using state of the art IPsec tunneling technology. The V products are ready for ordering and shipping.

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About Nucleonet Security Appliances

Nucleonet is the leading provider of enterprise internal networking security solution. Nucleonet's mission is to provide an integrated solution to identify and authenticate users of the local network, control their access to IT resources and cipher their traffic.

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