



Mini Spoke-Hub router [vSPi]

vSPi is a small VPN router for home or small offices that allows you to have a hardware VoIP phone connected directly to a PBX or a computer from anywhere (home office) via a secure encrypted VPN connection.

You will be able to use all the functions of the PBX without any restrictions, including call recording as well as other application or data services available from the computer. Of course, you do not need to have a static (public) IP address ordered for a VPN connection via vSPi.

vSPi has three network ports that are configured as one Internet (WAN), one (VPN), and one (LAN) port, and can be reconfigured using advanced configuration options if needed. The powerful processor gives you efficient access to a wide range of functions and provides a versatile solution based on a popular routing operating system.

Features of vSPi model v1:

- Independent configurable network segments (L3, Bridge)
- DHCP server or client definable for each segment
- Supported VPN protocols (IPSEC, L2TP, PPTP, OVPN)
- Supported routing protocols (RIP, OSPF, BGP)
- IP scanner and packet sniffer
- Generator and monitoring the traffic
- Firewall security
- Monitoring via SNMP and internal HW graphing

Hardware of vSPi model v1:

- Powerful SBC built on the MIPS platform designed to run the router
 - Processor (QCA9533) 550-750MHz
 - Memory 32MB Ram
 - Storage 16MB Flash
 - Network 3x Ethernet (10/100Mbps) port [L3/Bridge]
 - Power consumption 3,5W
- Certified EPS switching mains power supply
 - AC/DC power supply 110/230V => 5V/3A (15W)
- Universal plastic case
 - width 145mm
 - height 125mm
 - depth 47mm
- All Components have been tested by the FCC

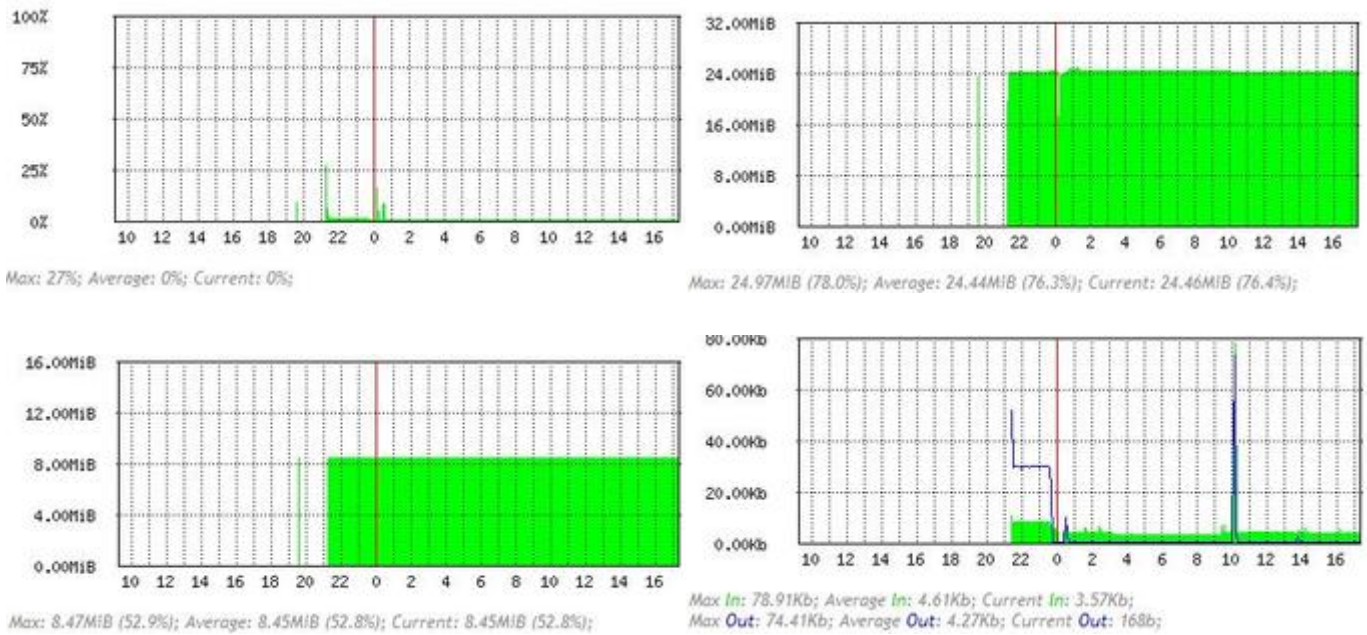


Picture 1: vSpi

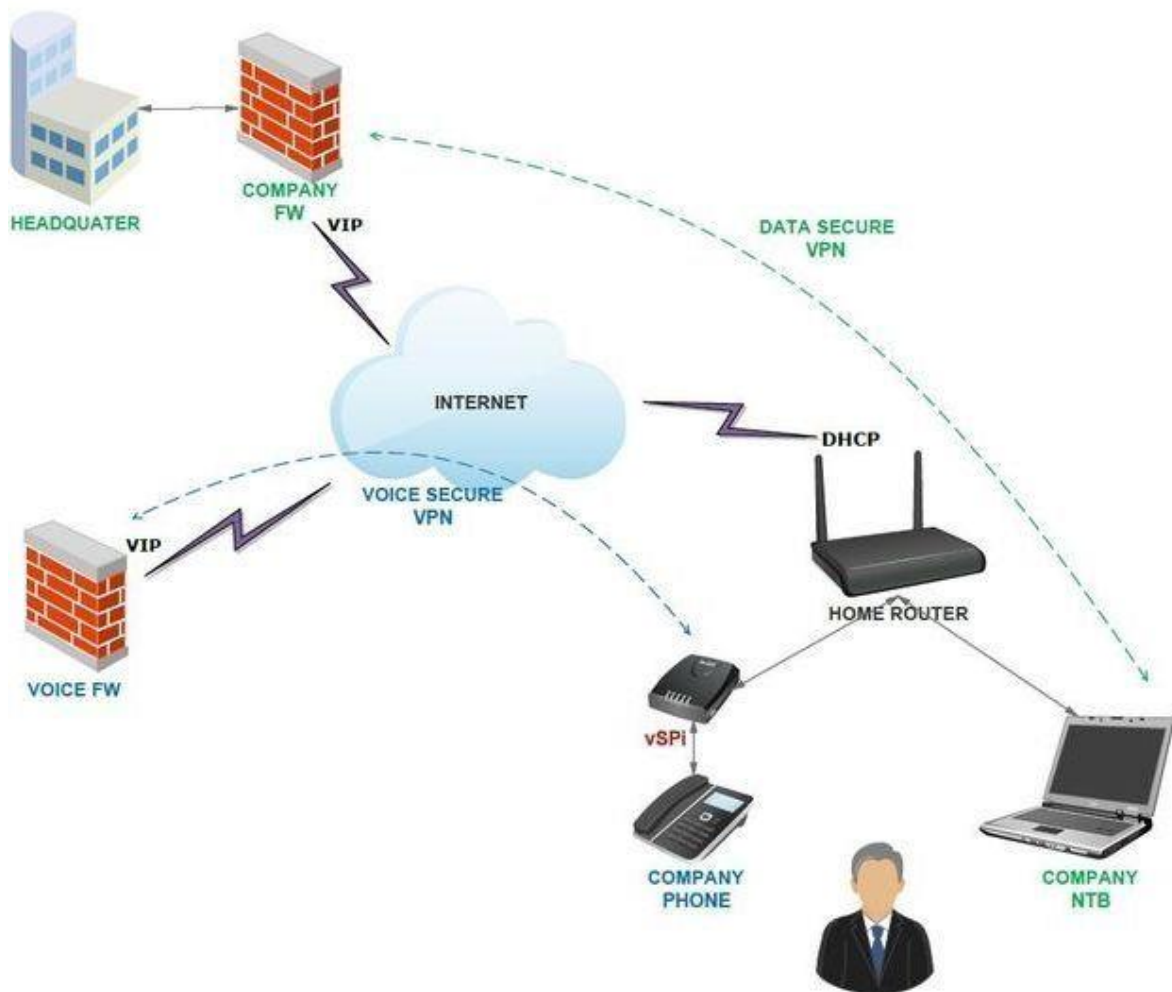


Picture 2: Package Contents

<http://vspi.doit.sk/>



Picture 3: Internal monitoring available via LAN port [<http://192.168.80.1/graphs/>]



Picture 4: Demonstration scheme of use

EPS - External Power Supply
 FCC - Federal Communications Commission
 MIPS - Microprocessor without Inter Pipelined Stages
 SBC - Single Board Computer