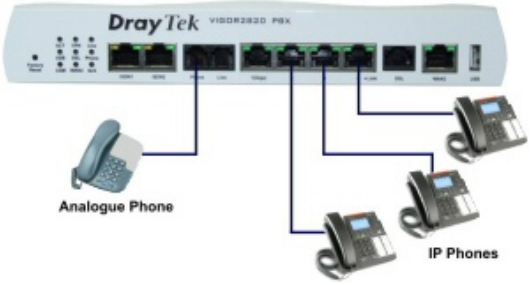
VigorIPPBX 2820- Integrated IP-PBX & ADSL Firewall

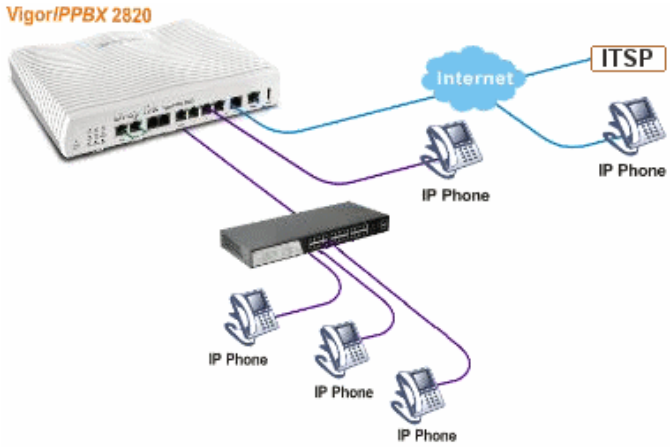


The VigorIPPBX 2820 is an IP-PBX (iPBX) integrated with DrayTek's fully-featured Vigor 2820 ADSL Router. It offers a complete replacement to the traditional office phone system and analogue or ISDN lines. An IP-PBX uses your existing network and the Internet to provide company-wide telephony, using VoIP technology instead of regular phone lines or a traditional PBX. This can save hugely on line rental, provides vast flexibility, reduces call costs, maintenance and increases efficiency. Phones can be placed anywhere in your office, or around the world to provide one seamless phone network for your business.

In a pure IP environment, the Vigor*IPPBX* 2820 is installed onto your LAN together with IP telephones, such as the VigorPhone 350. All devices are connected over your LAN using your existing Ethernet network connections. The Vigor 2820 PBX can support up to 50 extensions - local or remote. As it uses your regular network, you don't need special extension wiring - just your existing Ethernet switch with adequate ports (assuming you are using IP phones). A traditional PBX with 50 extensions would take up a whole cabinet and need a lot of wiring!

Once installed, all extensions call call each other of course and calls can be transferred, diverted and all other normal features of a PBX. Extensions do not have to be local (in the same office as the iPBX) - they can be anywhere in the world, and still be seamless so that calls can be made between to transferred to extensions whether they are local or remote. Similarly, incoming calls can be routed to any extensions, whether they are local or distributed in many remote locations - anywhere with an Internet connection.

If you require analogue extensions (regular non-IP telephones or equipment) then the VigorIPPBX 2820 provides one port but you can add 24 additional analogue extensions with the DrayTek VigorTalk ATA-24SH. Analogue extensions are useful for legacy equipment, lower cost extensions or where you don't want the risk of loss or damage to an IP phone.



For the connection to the regular PSTN - the public telephone network, you need an ITSP (Internet Telephone Service Provider) who can provide you with a 'SIP Trunk', such as DrayTEL. Then, when your users need to make an external call, the iPBX can route automatically via the ITSP gateway on the Internet. The ITSP will also provide you with incoming phone numbers to receive calls. Those calls are routed into your VigorIPPBX 2820 which then passes to the appropriate telephones (extensions).

The Vigor*IPPBX* 2820 is also an ADSL Firewall/Router but even if you are not using ADSL or you already have other firewall arrangements, you can still use the Vigor*IPPBX* 2820 for your VoIP telephony; the unit's second WAN port is standard Ethernet which can connect into your WAN connection, instead of using the ADSL port.

Voicemail can be enabled on any extensions to take messages when the phone is not answered or busy and the message can be emailed to the extension owner, or they can pick it up from their phone when they return. Other features include an IVR (Automated Voice Response) attendant so that your incoming calls can be answered by a recorded voice and the caller can choose their department or person by entering the menu items you have set up (e.g. press '2' for sales). You can sl ouse it to provide common information such as opening hours or location details.

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