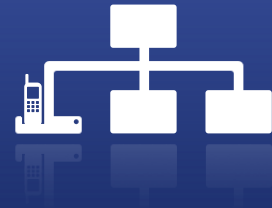




Business Connect Services

The facts

Business Connect is Voiceflex's mixed voice and internet access product. It is designed to give QoS for voice traffic to Voiceflex, whilst also leveraging the extra bandwidth to allow internet access.



Business Connect is fast becoming the standard technology that allows businesses to make and receive telephone calls without the need for an expensive ISDN circuit. The Quality of Service has contributed to its increasingly widespread adoption.

Background

ADSL-based internet connections have formed a crucial role in enabling VoIP services for SMEs. Combined with SIP trunks and IP-enabled PBX technology - this class of broadband allows businesses to make and receive telephone calls without the need for an expensive ISDN circuit.

However - standard ADSL products, as offered by many ISPs, have limitations when being used for voice applications. They do not offer the Quality of Service (QoS) required to support reliable voice applications. ISPs allow the sharing of bandwidth to reduce costs but this contention causes packet loss, delay and jitter, all of which minimise the VoIP experience.

Key benefits of Business Connect

Business Connect provides a number of customer benefits over existing backbone networking technologies.

» Remote Access Virtual Private Networking

Business Connect supports Remote Access Virtual Private Networking (VPN). Remote access to your network can be provided using Cisco VPN client software. This access allows users to reach 'behind' the provided router and access network devices and services from offsite.

» Site to Site Tunnelling

If Voiceflex DSL services are provisioned at multiple sites then the supplied routers can be configured to provide connectivity between the sites. These tunnels can then be used to carry both Voice and Data traffic.

» Quality of Service

Business Connect technology contains the mechanisms by which QoS is kept at a premium by providing uncontended bandwidth. Furthermore, this does not have limitations when used for voice applications.

» Performance

Business Connect simplifies large networks - which in turn enhances the speed of delivery of all services. Quality of Service and Traffic Engineering features maintains consistent performance levels, in line with those required by most commercial applications.

Product Details

» **Technology:** ADSL, ADSL2+, ADSL2+ Annex M, PPPoA

» **Router:** Fully managed by VoiceFlex. Cisco 877-K9 for ADSL & Cisco 877-K9-M for ADSL2+

» **Expected QoS:** RTT < 100ms, jitter < 40ms, packet loss < 0.4%.

» **Security:** Firewall, Cisco K9 security features.

» **Intended use:** Connectivity for VoiceFlex SIP trunks (see our SIP Trunk products). Mixed Voice and Internet traffic. Priority is given to voice traffic.

» **Contract terms:** 12 months.

» **Provisioning:** 15 days if analog line available with no-other DSL service, 20 days otherwise.

» **Sales channel:** Reseller only, not available direct.

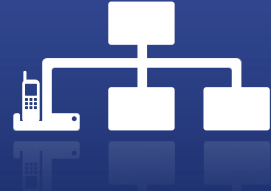
» **Support:** First-line support by reseller, second and third-line support by VoiceFlex



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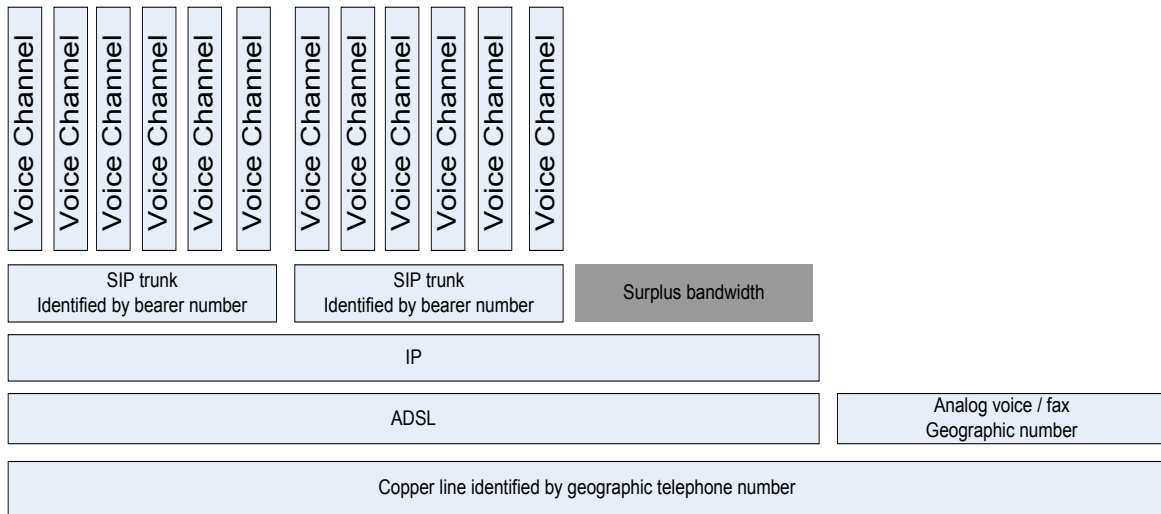
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Business Connect is Voiceflex's mixed voice and internet access product. It is designed to give QoS for voice traffic to Voiceflex, whilst also leveraging the extra bandwidth to allow internet access.



Business Connect provides effective support for voice and data

Business Connect supports all native IP applications and makes it possible to operate or enhance almost any current customer solution using a Business Connect network. Business Connect delivers the mechanisms to provide Quality of Service across a shared backbone network. It is also possible to support real-time applications for lower prices as apposed to using traditional networks that provide dedicated resources per customer or application. This allows voice applications to be supported effectively - a facility that is already starting to deliver integrated corporate voice and data solutions.



Business Connect Technical Specification

- » Flexible
- » High levels of scalability
- » Support for Quality of Service features
- » Support for real-time traffic such as VoIP
- » High performance packet forwarding
- » Support for traditional IP applications

For more information on how a Voiceflex Business Connect system can benefit your business, please contact us.

Voiceflex
 9 Warwick Street
 London W1B 5LY
 Telephone +44 (0) 20 3301 6000
 Facsimile +44 (0) 20 3301 6700

www.voiceflex.com
info@voiceflex.com

