

INTERNODE BUSINESS CONNECT



*Makes your whole  
business feel like  
it's under one roof.*



**Internode**  
.com.au

## Internode Business Connect

Whether your business operates a handful of sites in one city or hundreds across multiple cities, Internode Business Connect (IBC) can make them all feel like they're under one roof.

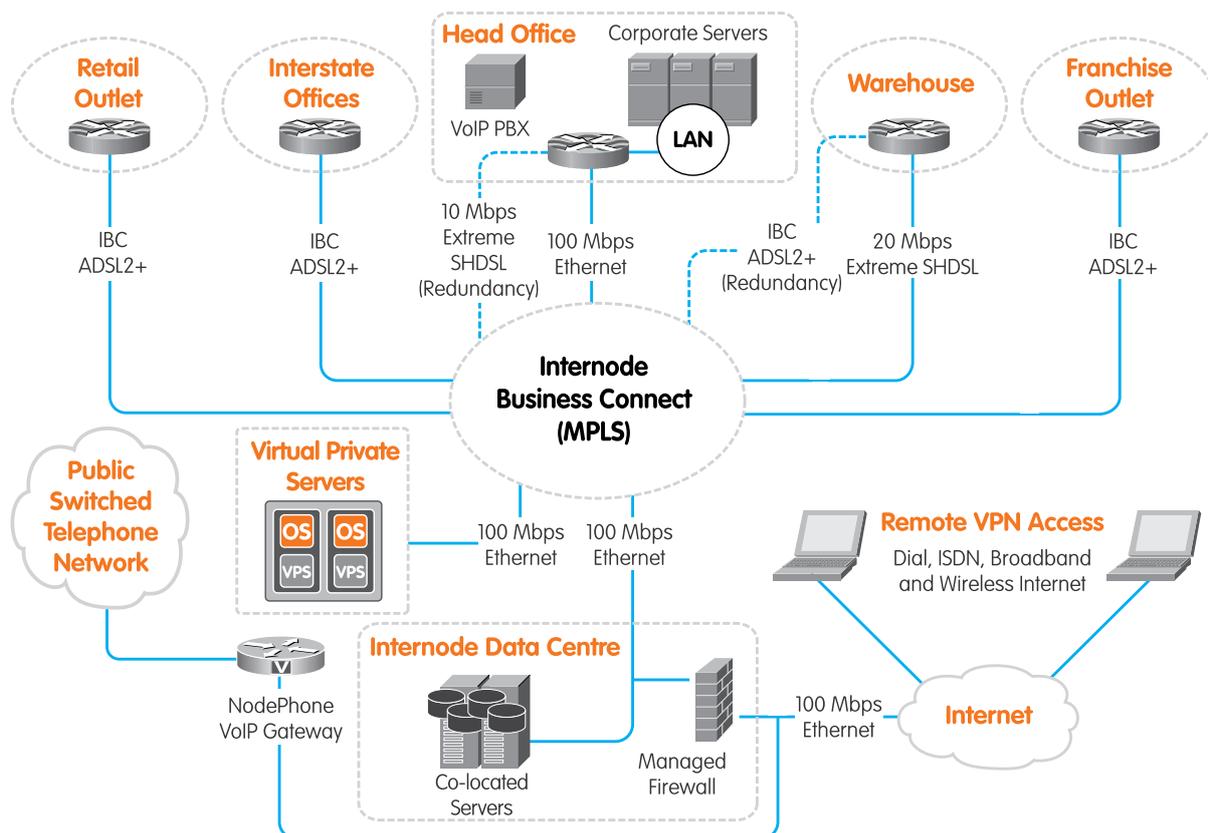
That's because when your network is set up with IBC, it runs on Internode's private network backbone rather than over the public Internet. The result is superior, reliable and consistent network performance and much simpler IT management. It's the single best option for successful multi-site networking.

## Virtual Private Network vs. Internode Business Connect

When connecting multiple sites to create a secure wide-area network, a virtual private network (VPN) is likely to be the first solution that comes to mind. Since each site already has an Internet connection, just add VPN servers, construct the VPN client configurations (not forgetting remote and mobile users) and you're away.

A VPN, however, runs over the public Internet which means it is subject to the vagaries of the public Internet: its ups, downs and ever-changing traffic load. Network Administrators must also take into account the performance limits and extra router load involved when encrypting the data to allow it to travel over the insecure and unmanaged Internet. Moreover, a VPN can't prioritise time-sensitive data: video-conferences, VoIP telephone calls and thin-client sessions compete with e-mail, back-up and web traffic on an equal footing. Finally, all the VPN-based inter-office data transfer adds to each site's billable traffic load.

### An example IBC network



## *The IBC Private IP Network*

The IBC network is an inherently secure, fully-managed, private IP network which supports prioritisation of time-sensitive data, such as video-conferencing, VoIP services and thin-client applications.

The intrinsic benefit of using a private IP network is the elimination of the encryption overhead for your intra-office data. As this data is transmitted exclusively on Internode's International Network there are no data traffic charges. It is delivered to you at a fixed monthly price per site to provide budgetary certainty.

### ***IBC, traffic management and co-location***

Using a VPN to manage multiple sites means relying on the public Internet for bandwidth, throughput and availability. IBC services, by contrast, run on Internode's private network backbone. This allows for managed data routing on an any-site-to-any-site basis, improving performance and minimising potential single points of failure.

Speaking of practical: Internode's private network backbone also makes custom traffic prioritisation schemes worth designing. The constraints of transient Internet congestion become irrelevant and delivery of your mission and time critical application data is ensured. This is achieved by providing a dedicated, virtual network within Internode's Multiprotocol Label Switching (MPLS) cloud that routes and prioritises traffic in your private 'cloud' according to your specifications.

And all this is backed by Internode's 99.9% High Availability Service Level Agreement.

## ***Stress free Internet.***

Across Australia our corporate, business and residential customers enjoy the ultimate state of online contentment – Stress free Internet. We're able to offer this bliss because we have our own high performance network dedicated solely to Internode customers. We are passionate about the Internet and provide the highest level of technical support to ensure that our broadband service is the most consistently performing in Australia. Switch to stress free Internet with Internode.

## *IBC and IT infrastructure management*

Managing multiple sites adds considerably to a company's IT service load. A VPN only connects the sites securely: it doesn't simplify infrastructure management but adds a permanent and unpredictable variable to IT management. "Is something on the public Internet causing or contributing to this?"

By contrast, IBC users know where their networks begin and end. Further, they know what hardware is connecting their networks and how this hardware is set up. With a single, managed Internet gateway, IBC network users even have a clear idea where their remote and mobile VPN clients are joining the network. Finally, they have NodeMonitor: Internode's performance monitoring and management tool. The web-based application allows customers and Internode corporate support to proactively monitor the availability of the IBC network components.

## *IBC deployment*

By its nature, multi-site networking resists one-site-fits-all packaging and pricing. What works for someone else's network may be entirely wrong for yours. And the best way to get what's right for your network is to work with Internode. From Account Manager to Network Engineer our staff are dedicated to the long-term: to business relationships based on trust, value, knowledge and service.

For more information or to arrange a consultation, contact your Internode Account Manager, visit [www.internode.com.au/ibc](http://www.internode.com.au/ibc) or call our friendly team on 13 NODE (13 66 33).



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