

EXTREME SHDSL

*Fast Internet for  
a fast moving  
business world.*



**Internode**  
.com.au

## *Internode Extreme SHDSL*

There's nothing more stressful than when you're trying to send data in a hurry and the transmission is slow. Except maybe when you're in a hurry to receive data and the transmission is slow. In today's fast moving business world, if you want to keep pace you have to have high-speed Internet.

Internode Extreme SHDSL offers businesses Internet access with symmetrical transmit and receive rates for high-speed data transmissions. Put simply, it's extremely fast Internet for businesses.

## *Super speed for better business*

Internode's Extreme SHDSL services are specifically designed to deliver the next generation of high performance, fully symmetrical, Internet access services to Australian businesses. Featuring 'mid-band Ethernet' speeds with premium access to Internode's first tier International IP network, Extreme SHDSL delivers your optimum business Internet solution.

## *Flexible plans*

Extreme SHDSL starts where regular broadband leaves off. A range of quotas and speeds are available from 100 GB at 2 Mbps to Unlimited usage at 40 Mbps. Choose the speed you need today then upgrade when you need to – without expensive upgrade charges, technology changes or even any service outages. And for speeds beyond 40 Mbps, our optical fibre solutions kick in – all the way to 1,000 Mbps.



## ***Extreme reliability***

Businesses today rely very heavily on the Internet, from customer interaction to supplier orders, remote working and research. Extreme SHDSL features Priority Business Support and a 99.5% Service Level Agreement with defined performance and availability targets.

Bonded services are used in all Extreme SHDSL deployments of 10 Mbps and above. This means that even if one copper pair experiences a fault, your service continues – uninterrupted – on the remaining copper pairs, albeit at a slower speed.

## ***Coverage & Availability***

Our continuously expanding Extreme SHDSL already covers key business areas of Adelaide, Brisbane, Melbourne and Sydney. Planning is also underway for Extreme SHDSL deployment in key business areas of other Australian cities, and ultimately the extension of the network across the wider metropolitan area.

A significant benefit of Extreme SHDSL is that it is almost universally available within the coverage areas. This is because it is delivered using Unbundled Local Loop – re-using the existing copper access network that exists into virtually every business premises.

Unlike traditional Ethernet over optical fibre connections, there are no issues associated with time consuming and expensive building entries or civil works. Virtually all business premises in the coverage areas can be connected with minimum fuss.

## ***Connection options***

Extreme SHDSL is also available as a private IP connection – either into an Internode Business Connect wide area network, or as a private link to an Internode Data Centre.

Internode can provide all of your Internet services, including domain name hosting and management, web hosting, voice-over-IP, private networks, equipment co-location and more.

# ***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.

## Tech Talk

- Unlike ADSL, this technology is not a 'best effort' approach. If you are within 3 km of an SHDSL enabled exchange, a 10 Mbps Extreme SHDSL delivers 10 Mbps – in both directions. 24x7. Guaranteed.
- Delivered using Unbundled Local Loop – re-using the copper access network that runs into virtually every business premises.
- The quantum improvement in the price/performance ratio delivered by Extreme SHDSL is based on the IEEE802.3ah global standards, often called 'Ethernet over Copper' or 'Ethernet in the First Mile'. It represents a significant technology evolution utilising up to 8 bonded copper pairs, each running E-SHDSL (Extended Symmetrical High speed Digital Subscriber Line) at over 5 Mbps per pair.
- Fully integrated, market-leading and carrier-grade Hatteras Networks equipment end-to-end.
- Each head-end is housed in a high availability environment, backed by uninterruptible power supplies and diesel generators; along with sophisticated environmental control and security systems.
- Head-ends use diverse path optical fibre to connect you to Internode's International IP network, with multiple upstream and peering Internet connections in Australia, Asia the US and Europe. For more information including network maps visit [internode.on.net/network](http://internode.on.net/network).

For more information about Extreme SHDSL contact your Internode Account Manager, visit [www.internode.com.au/extremeshdsl](http://www.internode.com.au/extremeshdsl) or call 13 NODE (13 66 33).



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