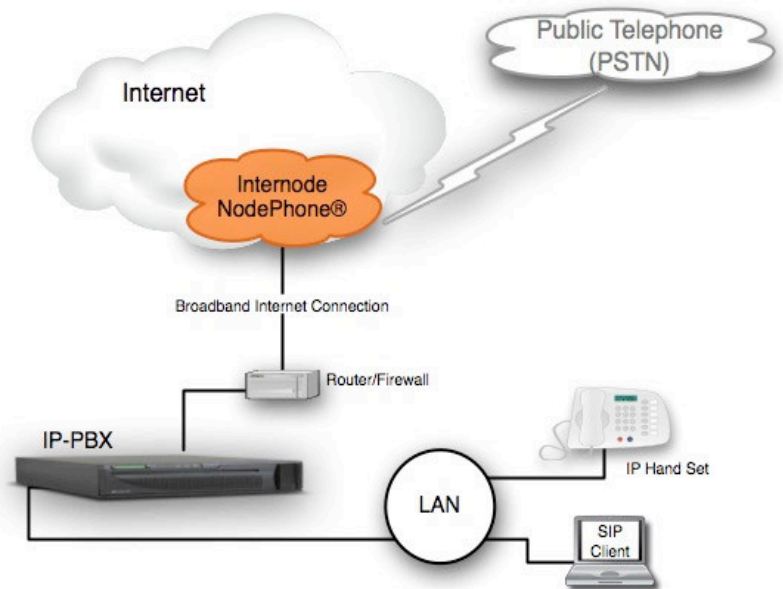# Product Brief: NodePhone® Business Trunks

The NodePhone® Business Trunks Service

NodePhone Business Trunks provide a business-grade SIP Trunk voice solution, enabling the full benefits of VoIP in conjunction with your IP-PBX. Now you can not only use cost-effective IP to communicate within your organisation, but also integrate with the public telephone network via your own 100 number in-dial range.

Having your own 100 number range allows every phone in the office to have a direct outside number, with room for expansion. Need more numbers - just order another 100 number range and you're done! The NodePhone online tools allow you to choose displaying extension numbers when outbound calling; or all outbound calls to appear from a single prime number; or you can withhold the number.

Traditional business telephony services have involved bundles of physical wires – or dedicated ISDN infrastructure - delivered to the PBX. With NodePhone Business Trunks, a single Internet service connecting to an IP PBX provides a similar service and delivers more. Online you can dynamically change your capacity for inbound or outbound calls, with no waiting for technician visits or recabling.

NodePhone Business Trunks can offer organizations significant cost-savings - eliminating the need for local PSTN gateways, or costly ISDN Basic or Primary Rate Interface services. Or you can retain your existing ISDN, and use NodePhone Business Trunks to manage growth and provide redundancy for your business telephony system.

Features

An Internode Internet service with appropriately dimensioned bandwidth allows the NodePhone platform to automatically prioritise voice traffic, to ensure you always sound your best.

Useful features of **NodePhone Business Trunk** include:

- Provides multiple channels, with online control of near-instant scalability for your changing business needs.
- Offers support for inbound and outbound VoIP calls with an IP PBX.
- Delivers one or more 100 number indial ranges, to facilitate direct extension level dialling.
- Business benefits from online control of the prime number, business continuity number, Calling Line Identification and extension level billing at no extra charge.
- Cost savings with standard NodePhone call rates and free NodePhone to NodePhone calls.
- The convenience of one bill for phone and Internet.

Requirements

NodePhone Business Trunks requires an IP PBX, such as a Cisco Call Manager or Asterisk IP phone system, at your premises. Generally we would recommend that you work with an Internode Partner or Systems Integrator for this component.

Access to the Internet will also be required of course – and note that the 'quality of service' prioritisation of NodePhone is only available on Internode Internet services. When scoping bandwidth requirements, our recommendation is in the order of 100 kbps (symmetrical) per channel. Some examples of bandwidth dimensioning are as follows:

Access Type	Bandwidth	Simultaneous Channels
Business ADSL TwoPlus	Up to 20/1 Mbps	Up to 10, depending on actual achieved bandwidth
Business Extreme ADSL2	Up to 24/2.5 Mbps	Up to 25, depending on actual achieved bandwidth
Extreme SHDSL 10 Mbps	10/10 Mbps	100 Channels

Plans and Pricing

Each NodePhone® Business Trunk service requires at least one 100 in-dial number range, with a minimum of 2 channels.

100 number in-dial range
Establishment $50 and monthly charge $25, per 100 number range.

Channels
Establishment $50 and monthly charge $10, per channel.

Call Plans

Plan Name	Monthly Charge	Included Call Credit
BusinessTrunks-Starter	$5	$10
BusinessTrunks-Value	$10	$20
BusinessTrunks-Premium	$20	$40
BusinessTrunks-100	$50	$100
BusinessTrunks-200	$100	$200
BusinessTrunks-400	$200	$400
BusinessTrunks-1000	$500	$1,000

Call Charges

Call Type	Flagfall	Rate per Minute
NodePhone - NodePhone	No charge	No charge
Local & National	$0.18	Untimed
Mobile	No charge	$0.29
International	$0.15	From $0.05

- Timed charges for calls to Mobiles and International calls are assessed on a per second basis, with a minimum assessed duration of one minute per call. Call rates are available online at www.internode.on.net /nodephone/call_rates/

- All quoted pricing includes GST.

Like to Know More?

Please contact your Internode Business Sales on 13 6633 or email business-sales@internode.on.net for further information. You can obtain more information or a user guide at www.internode.on.net/business/nodephone.