



Edacom CC is a registered Vox Telepreneur that offers the following products and services:

- ADSL
- ADSL Phone
- ADSL PBX – 6 port
- iBurst
- Mahala Dail-up
- Fax
- 3G HSDPA
- Mobiletripsheet
- Legogo (coming soon)
- SIP accounts

In addition to this, Edacom are able to provide customised telecommunication and hosting services as part of the Vox Telecom Group of companies.

- Vox Datapro: Practical Telecoms
- Vox Orion: Managed Telecoms
- Vox Amvia: Fax Solutions
- @lantic: Simplified Telecoms
- VOIP Telecoms



ADSL

Overview

ADSL (Asymmetric Digital Subscriber Line) is an Internet access technology that makes use of Telkom's existing copper telephone network to provide broadband Internet, VOIP (Voice over Internet Protocol) and other online services to homes and businesses. At the present time, ADSL is the most popular high-speed Internet access technology for home and businesses in many parts of the world offering access speeds of up to 30 times faster than a 56k dial-up connection.

The Vox ADSL packages are ideal for internet surfing and email access as well as use with the Vox ADSL phone.

Gold 1GB (Shaped) most commonly used

Once off setup fee: R50

Monthly: R50

Thereafter R50 / GB

Platinum 1GB (Unshaped) faster downloading

Once off setup fee: R100

Monthly: R130

Thereafter R115 / GB

Bronze 1GB (local only)

Once off setup fee: R50

Monthly: R25

Thereafter R20 / GB

Service

The ADSL service operates over a single, unconditioned twisted copper pair of wires. Its connection is between modem pairs, one at the user end and the second at the Telkom Exchange. The ADSL service is operated in conjunction with the existing Plain Old Telephone Service (POTS). Telephony signals and ADSL signals are separated and combined by the POTS splitters, one at the Exchange and one at the subscriber's location.

Line Speeds

ADSL can transmit up to 6Mbps, however only the following options are available:

- 384K (Fast DSL)
- 512K (Faster DSL)
- 4Mbps (Fastest DSL)

Limitations

ADSL access is distance-sensitive. The connection speed depends on several factors:

- distance between the subscriber and the Exchange
- speed increases with copper wire line diameter
- presence of bridge taps - bridge taps are extensions, between the subscriber and the Exchange, that extend service to other subscribers. Bridge taps may increase the distance limit but slow down the access speed

Shaped VS Unshaped Bandwidth

Shaped Bandwidth (Most popular), or Shaping is the act of giving one protocol (e.g. email or webpage traffic) a higher priority over another (e.g. Peer to peer applications), this gives users that require only basic internet and email access a more bandwidth than the bandwidth hungry applications such as P2P, online gaming etc.

Unshaped is the opposite of Shaped, where no protocol Prioritization is given allowing full bandwidth to any application that requires it, ideal for online gaming, trading etc.



Vox ADSL Phone

Overview

All of your voice, data and broadband needs in one desktop unit

- Fixed line voice over internet protocol (VoIP) telephone that offers savings of up to 30% on your telephone costs and money back when people call you
- Wireless router

Once off setup fee: R300

Monthly: R49

- Vox ADSL phone gateway
- 1 x Vox wireless DECT handset
- 1 x 087 Vox number
- Caller line identity (CLI)
- Call forwarding
- Call waiting
- Voicemail



Requirements –a Telkom ADSL line

Benefits

Vox to Vox calls are free

No contract

Save up to 23% on national calls

Save up to 16% on cellphone calls

Save up to 50% on international calls

Earn rebates on incoming calls to your Vox 087 number

Additional Vox DECT handsets

Once off: R60

Monthly: R29

24/7/365 Service and Support

Support: +27 87 805 9111

Email: help@voxtelcom.co.za



Vox ADSL PBX

Overview

A total micro-business communication solution that is ideal for one and two line businesses, franchise outlets or home offices.

Product Options

Five

Basic Solution

- Five User
- Five Extensions
- 1x Vox PBX
- 4x 087 Vox Phone lines
- 1 x Vox 087 Hunting number
- 1x Operator Console
- 1x DECT wireless handset
- 3x Analogue User Phones
- Support four concurrent calls

Per Month Rental R689.00

Once Off Product Pack Purchase R900.00

On Site Installation & Custom Configuration R800.00



Five Wireless

Flexible Wireless Solution

- Five User
- Five Extensions
- Includes 4x premium DECT wireless handsets
- Excellent for customers who need flexibility
- 1x Vox PBX
- 4x Vox Phone lines
- 1x Vox Hunting number
- 1x Operator Console
- 4x DECT wireless handset

Per Month Rental R889.00

Once Off Product Pack Purchase R900.00

On Site Installation & Custom Configuration R800.00



Eight

Full Solution

- Eight User
- Eight Extensions
- All the features and functionality
- All the functionality
- 1x Vox PBX
- 4x 087 Vox Phone lines
- 1x Vox Hunting line
- 1x Operator Console
- 4x DECT wireless handset
- 3x Analogue User Phones

Per Month Rental R989.00

Once Off Product Pack Purchase R900.00

On Site Installation & Custom Configuration R800.00

Requirements - a Telkom ADSL line



Benefits

- Vox to Vox calls are free
- No contract
- Save up to 23% on national calls
- Save up to 16% on cellphone calls
- Save up to 50% on international calls
- Earn rebates on incoming calls to your Vox 087 number

24/7/365 Service and Support

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Cost Summary

Vox	Installation (once-off)	Product Pack (once-off)	Monthly Rental
ADSL Phone	R300	n/a	R49
Additional handset	R60	n/a	R29
PBX 5 basic	R800	R900	R689
PBX 5 wireless	R800	R900	R889
PBX 8 full	R800	R900	R989
Telkom Broadband (line only)			
384kbps	R543.91	n/a	R152
512kbps	R543.91	n/a	R326
4096kbps	R543.91	n/a	R413

Please Note: The installation fee includes mounting and configuration of the main PBX switch. Installation of points is charged at R250.00 per point. Data and specialised voice network implementation, desktop support and specifically customised installations are charged additionally.

More about Vox ADSL PBX - 6 Port

- Vox ADSL PBX features Voice, PBX and Data functionality – in a single desktop solution
- Designed especially for the micro business and home office with up to 8 users
- Big Business value and functionality at micro-business costs. Vox ADSL PBX gives your business the ability to comprehensively reduce the cost of communicating, generate additional revenue from calls received and present a professional face to your customers and counterparts – all in one box.

The Vox ADSL PBX is a fully featured PBX that supports both wired analogue extensions and integrated Digitally Enhanced wireless (DECT) extensions.

The premier product for one or two line businesses that requires broadband communication, comprehensive voice services and networking capabilities.

The Vox ADSL PBX combines VoIP termination and data gateway, full feature PBX. Vox and PSTN (Telkom) calls are handled in the same manner, making it possible to switch and manage all calls comprehensively.

The Vox ADSL PBX is a practical, convenient and affordable office-in-a-box solution for micro businesses and home offices, and caters for up to 8 extensions and users.



This product supports 4 Vox phone lines and integrates 2 Telkom analogue lines. Only one telephone number is required for both you Vox phone lines.

One Vox ADSL PBX boasts extensive features, normally requiring multiple devices, including:

- Wired and DECT extensions
- ADSL modem
- 4 port router
- Firewall
- WLAN
- 4x Vox VoIP channels
- 2x Telkom analogue lines

Highlighted Voice Features

Integrated 2 port voicemail

- 8 Mail boxes
- Centralised answering machine
- Dial through voicemail
- Fully Featured phone system
- PSTN ports for additional lines

Twin VoIP Trunks

- Vox Voice enabled
- Each with unique 087 Vox Telephone Number

Support for up to 8 extensions

- 4 wired
- 4 DECT wireless extensions

Highlighted Data Features

- Integrated ADSL Modem
- 4 port Ethernet / LAN Router

Integrated Wireless LAN

- Creates wireless LAN hotspot on your premises
- Up to 14 Devices such as PCs, Laptop and POS units
- Onboard web server for management and configuration
- Firewall and integrate security features

Take these features for granted:

- Least Cost Routing
- Call Hold (internal & external)
- Music on Hold
- Redial
- Reminder Call
- Speed Dial
- Call Pickup
- Call Waiting
- Conference
- Call Forward
- Do Not Disturb
- Day/Night service
- Ring back
- Camp on Busy
- Saved number redial



- Hotline
- Monitor
- Door-latch
- Paging
- Alarm Call
- Diverts - internal and external (network)

iBurst



Over view

iBurst provides you with continued high-speed connectivity for your corporate or personal needs, through broadband internet and email services. Within the area of the base station closest to you, you can maintain this connection in an always-on mode. You no longer need to wait until you get to a place which provides connectivity.

As the services on the Internet expand to include all aspects of life, many are only at their full potential if they're available as soon as your need arises. Because you can access information at any time with iBurst, you are always in-touch with instant access to email and the internet.

Once off setup fee: R150

Monthly: from R49

	month-2-month	24-month	
		USB	Desktop
KickStart 40MB	R49	R69	R89
Playa 500MB	R149	R169	R189
Giga 1GB	R199	R219	R239
Turbo 2GB	R349	R369	R389
Pro 3GB	R449	R469	R489
Xtreme 5GB	R599	R619	R639
Addict 10GB	R999	R1019	R1039

Technical Specifications

Intellicell

iBurst services are based on IntelliCell technology from ArrayComm in the US. They maintain extreme levels of efficiency, using available radio frequencies. Through advanced algorithms, IntelliCell's adaptive antenna technology adjusts signal patterns to and from each subscriber, creating a 'personal cell' for efficient delivery of voice or data services. These personal cells follow people as they move, reducing radio interference.

Base stations

With IntelliCell, each base station uses a small array of off-the-shelf antennas, coupled with ArrayComm's sophisticated signal processing techniques. This dynamically controls radio signals between the base station and you, the user.

Signals

The signal selectively amplifies each user's intended signal and rejects all unwanted signals, allowing more users to share the spectrum. The result is a significant increase in capacity and coverage that leads to substantial reductions in the costs for infrastructure deployment, network operations, system maintenance and radio spectrum.

Transmitting energy



Conventional base stations, unlike IntelliCell base stations, transmit energy in all directions. In this instance, only a small fraction of the signal reaches the intended subscriber. The rest of the RF energy is wasted and generates noise interfering with other users in the system. More recent techniques of 'pointing' a signal to the intended user are hampered by the abundance of physical obstacles like buildings and trees that make transmission impossible.

iBurst

iBurst technology is a wide-area mobile broadband technology offering a unique combination of high speed, wide range and high base station capacity. It's a pure IP, end-to-end system built on two primary components:

- base stations deployed by a network operator, like today's cellular services,
- wireless modems or PC cards that customers use with existing Internet appliances, such as a notebook

Vox Mahala Dial-up

Overview

A free dial-up solution that is perfect for the small time internet surfer or as a back-up / business continuity solution. Get up to 4 hours internet access per month and email with no monthly subscription.

- You get 10c/min rebate back for every minute you spend online
- Analogue/ISDN dial-up
- 1 mailbox
- 1 alias
- 5mb of space (upgradeable)
- Webmail
- Anti-spam
- @voxmahala.co.za email address

Vox Fax

Overview

Receive faxes on your unique 086 number anywhere, anytime - directly into your email inbox - FREE!

- No software or hardware required
- Reduced fax machine costs
- Reduced fixed line rental costs
- Secure and confidential storage of documents
- Receive faxes 24/7/365
- Prints documents in standard fax format
- Keeps digital records of all your faxes

Why use Vox Fax?

- Fax is still the most effective option for delivery of critical documents
- Fax is a secure point to point solution making it the ideal choice for delivery and receipt of critical documents



3G HSDPA



Overview

3G HSDPA is Third Generation High-Speed Downlink Packet Access - a 3G mobile telephony protocol, which offers increased data transfer speeds and capacity of up to 1.8 Mbps on the downlink and up to 348Kbps on the uplink, under ideal conditions. The 3G HSDPA technology was built to deliver throughput speeds of up to 1.8 Mbps for downloads, but expect to experience speeds between 400 Kbps and 800 Kbps with peaks of approximately 1.2 Mbps - offering you instant Internet access.

When you sign a 24-month data contract, you'll receive a new 64KB SIM card, which should be inserted into the SIM card slot of the Vodafone Mobile Connect USB Modem. The Vodafone dashboard software is provided with these devices for installation on your PC. The Vodafone dashboard software allows compatibility with the Vodacom network and lets you perform the most common actions; like connecting to the network, by clicking on the relevant button on the dashboard. When installing the software, ensure to choose "3G" as the preferred network, and you'll be able to connect at speeds that are up to 30 times faster than a 56K PSTN modem dial-up connection, provided you within in 3G HSDPA coverage. If you find yourself in an area without 3G HSDPA coverage, you'll connect to Vodacom's GPRS/EDGE network at download speeds of up to 256 Kbps.

Once off setup fee: R175 (SIM and Connection)

Monthly: from R249p/m

500MB R249 pm

1GB R349 pm

2GB R449 pm

3GB R649 pm

5GB R1049 pm

10GB R2049 pm



Please note that this product is subject to a 24 month contract and includes a Vodafone USB 3G modem.

Vox mobiletripsheet

Overview

mobiletripsheet is a vehicle log book on your cellphone... here's how it works:

Keep an accurate and detailed log book using mobiletripsheet on your mobile phone, backed up to your web-profile and you could claim a substantial amount back from SARS on your tax return. This tax claim is only pertinent if you use your personal car during the course of a business day i.e. travelling from home to work and back does not count. mobiletripsheet is great for self-employed individuals and/or if you have a car allowance.

From the 2008 Tax Year, without a logbook, SARS will deem your first 18 000 kms as private mileage, non-claimable! In other words, if your total annual mileage was 29 000 kms and you had actually only done 10 000 kms privately, YOU COULD LOSE OVER R24,000 of claimable tax!

Also, if you claim back business mileage from your employer on a per kilometre basis then mobiletripsheet is the mobile e-tool for you! Keep your log book, recording business mileage, and generate the report from your web-profile at the end of the month and submit it to your place of employ to claim back you mileage and/or fuel expenses.

mobiletripsheet, a mobile and web based application for MIDP1 & MIDP 2+ Cellular Phones, Symbian, Palm OS and Microsoft Pocket PC as well as Microsoft Internet Explorer, enabling business people the ability to log all kilometers travelled, both business and personal, as well as all fuel and other expenses purchased on their cellular phone and upload this information to a



personal web interface. From the web interface accurate log reports can be viewed and exported to Microsoft Excel for filing as part of an annual tax return.

Once off software & licence purchase (valid for 2 years): R299

Features

- Start and finish kilometer readings
- Allocation of kilometers to business or personal
- Exact departure and destination time stamps
- Departure and destination logging
- Fuel purchase logging
- Other expense logging
- Personal web based interface for log reporting
- Export log data to Microsoft Excel
- Instant average fuel consumption displayed on personal web interface
- Password protected

Legogo



Overview

Legogo from Vox provides access to Google Apps Premier edition. Businesses can enjoy easy access to email, chat and documents at a lower cost than traditional solutions, whilst also enhancing collaboration with everything being online

EASY to access – EASY to share!

- Google's web-based messaging and collaboration apps require no hardware or software and needs minimal administration, creating tremendous time and cost savings for businesses
- Google Apps supports over-the-air mobile access on BlackBerry devices, the iPhone, Windows Mobile, Android and many other devices
- Google Apps guarantee 99.9% uptime reliability
- Google Apps can also be used to complement your existing infrastructure by for example: providing spam filtering or off-site backup of email, or email disaster recovery

Google Apps Premier Edition

Once off setup cost: R60 (25GB per user)

Monthly: R60 per mailbox

Email archiving: R40 per mailbox

10 year archiving of unlimited emails



SIP Accounts

Overview

Save up to 50% on your telephone bill AND earn money back on incoming calls, using your existing IP phone.

What is SIP?

SIP (Session Initiation Protocol) is a signalling protocol that allows you to make voice calls over the internet. SIP can also establish sessions for features such as audio/videoconferencing, and call forwarding to be deployed over IP networks

What is a SIP Phone?

SIP phones / SIP enabled VOIP phones come in several versions/types:

- SIP / VOIP Soft phones - software based SIP phone
- USB VOIP phones
- Hardware SIP Phone

SIP Accounts can be used with many different brands of IP phones, or soft-phones that support SIP

Vox Telepreneur SIP Accounts support traditional telephony features such as

- Personal mobility
- Call forwarding
- CLI – Caller ID

Requirements for Vox Telepreneur SIP Accounts

- Broadband connection with 512kb download and 256kb upload
- SIP enabled phone

With a Vox Telepreneur SIP Account you can also purchase up to 10 (087) numbers and enjoy carrier class voice quality

Please Note: You are required to purchase at least 1 (087) Number when purchasing a SIP Account

Once off setup costs: R299

Monthly: R300

SIP Number: R25 pm (087 number)