



Access

## Leased Lines

**A leased line offers a business far more than just an Internet connection. It provides fast, secure access to Internet-based tools and technologies that boost both the capacity of your network and the productivity of your people.**

MWEB Business' high bandwidth connections complement our other e-business products to provide the quality of service and permanent Internet connectivity that mission critical business systems require. Our infrastructure supports various operating speeds, features, benefits and pricing, enabling you to start with a cost-effective solution that will grow alongside your business.

Based on the installation of a Telkom Diginet line between your premises and MWEB Business, our leased line solutions permanently connect your entire local and wide area networks to the Internet, for a fixed monthly fee.

### WHAT WE OFFER

We provide bandwidth management, burst capability and long haul Diginet lines as a standard part of our leased line solutions. We currently have points of presence in Johannesburg, Durban and Cape Town and plan to extend this to all major centres in South Africa.

Other leased line features include the allocation of up to eight IP addresses per customer (which can be increased in blocks of eight) and SMS problem notification in case of Telco line failure. Around-the-clock surveillance and monitoring, as well as fast, efficient problem resolution, ensures high availability of the network and quality service.

MWEB Business' Weighted Fair Queuing model allows you to manage your bandwidth in a way that best serves your business needs. This means that you can select leased line access that is effectively "shared" with a set number of other users. The amount of bandwidth you are able to access depends on how many of those users are online at one time.

The top-end option is a 1:1 ratio, which means you are the only user on the leased line and can access 100% of local and international line bandwidth, all the time. This is ideal for frequent users for whom international access is critical. A 2:1 ratio means that you "share" the line with one other user and are therefore guaranteed 50% of the bandwidth, with potential for 100% when the other user is not online. On the other end of the scale is the 8:1 option, which means that you are guaranteed one eighth (12,5%) of the available international bandwidth all of the time, with the potential for more when the other seven users are not online. The 8:1 option is best suited to customers who access mainly local websites and web services, and very occasionally international content.



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MWEB Business offers 1:1, 2:1, 3:1, 4:1 and 8:1 options, as well as national-only access.

With all bandwidth options, you can prioritise traffic according to protocol, e.g., Internet browsing or e-mail. Ongoing statistical monitoring also allows us to provide you with easy-to-understand graphs and diagrams indicating network availability, your bandwidth usage patterns and peak demand times.

International Fibre Bandwidth (1:1)	100% International Bandwidth	National Bandwidth
International Fibre Bandwidth (2:1)	50% International	Burstable National Bandwidth
International Fibre Bandwidth (3:1)	33%	Burstable National Bandwidth
International Fibre Bandwidth (4:1)	25%	Burstable National Bandwidth
International Fibre Bandwidth (8:1)	12.5%	Burstable National Bandwidth
National Only		National Bandwidth



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## FEATURE AND BENEFITS

An MWEB Business leased line provides real-time, always-on connectivity to the Internet in a way that is fast, secure and reliable. It allows you to access important files, e-mail and Internet services at any time of day or night, while skilled engineers ensured that installation and general management is something you never have to worry about.

It creates stable, high-speed access to product and company information, easy sharing of files and hardware resources, and streamlined internal communication.

A variety of line speeds are available, from 64kbps (kilobits per second) up to 2mbps (megabits per second), while an ISDN back-up allows traffic to be dynamically routed over an ISDN line if the primary leased line link fails. This is a must for any customer who uses a leased line service as a critical communication tool, as it provides an active connection when you are faced with an outage.

Additionally, all routers on an MWEB Business leased line network have Network Address Translation (NAT) as a standard feature. This allows your business to have one public IP address, thus protecting your network from unauthorised access. For more advanced security we also offer advanced Cisco Firewall software.

The following optional value-added services will help to ensure that your office remains secure from viruses, spam and is securely backed up automatically to an offsite location.

**1. MailMarshal** is an automatic e-mail filtering service that helps to prevent unwanted mail from entering your network. It scans subject lines, text content and attachments and filters e-mails according to rules that you set. You can also monitor traffic according to time, individual user and bandwidth.

**2. Online Backup Server Edition** MWEB Business Online backup service is an online solution for the protection of critical data. We can manage your risk by uniquely encrypting your data by 448-bit blowfish encryption which only you hold the encryption key to, and backing it up to a secure server in our state-of-the art Data Centre. This proactive backup system is programmed to run everyday at a predefined time. Through an easy-to-use Web interface, you are assured of immediate access to restore your data anytime from any PC, laptop and or server. More than 60% of all South African companies have had computers stolen over the past 18 months. Can you afford to lose the critical information stored on your company's PCs?



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## WHAT A LEASED LINE WILL DO FOR YOU

Leased lines allow for real-time communication within your company, as well as permanent, reliable Internet connectivity at a controlled cost. Staff have instant, ongoing access to business critical information, tools and systems that allow them to work quickly and effectively regardless of where they are situated. With a leased line, the Internet becomes a natural extension of your local area network, allowing you to transmit data, graphics, video, voice and other multimedia with ease.

As monthly costs are fixed (regardless of how much or how little time your staff spends online), budgeting is easier and you can afford to take full advantage of Internet-based technologies to streamline back-end operations.

The service is uninterrupted, the line quality consistent, and the infrastructure is scalable. You can purchase additional IP addresses and bandwidth as and when you need it, allowing you to expand your network capacity as quickly.