Connect **remote business locations** and branches in Africa

Features

- Utilises the latest in satellite technology to connect remote locations and branches in Africa

- Range of VSAT service offerings and package options, including customised Enterprise, Broadband and Continuity solutions

- Connect multiple business sites in a secure, managed network environment

- Coverage in Southern and Western Africa using Ku-band

- Control and Network Management by local NOC

- IP Advanced routing protocols such as VLAN Tags allows seamless integration into the core MPLS network.

- Intelligent bandwidth management, allocating bandwidth in real time and on demand.

- Sophisticated Quality of Service (QoS) and Group QoS features enable Broadlink to meet demand for customised solutions geared for a range of end user applications such as VoIP, data sharing and video conferencing.

- Security in all environments. The platform provides two-way encryption that meets military and commercial needs.

Benefits

- Connect remote sites where no other connectivity is available

- Easy access to network operators, service providers and customers housed in the Teraco Data Centre

- Consistency of speed and service

- Quick deployment and relocation as required

- Use a single provider to connect local, African and International sites

- Cost effective redundancy solution

- Flexible and scalable

- High availability service with no threat of cable theft

Product Overview

What is Broadsat?

Broadsat is Broadlink's own satellite access service, offering VSAT (Very Small Aperture Terminal) connectivity solutions optimised to provide a two-way communication circuit from an on-premise earth station at a customer site, to the Broadlink Teleport facility located in Johannesburg.

Who should use it?

This service is primarily targeted at businesses with remote branches, where traditional terrestrial services and wireless technologies are not available, as well as for connectivity requirements in Africa. The VSAT link operates as an extension of Broadlink's Layer 2 network, connecting these business sites back to our core network.
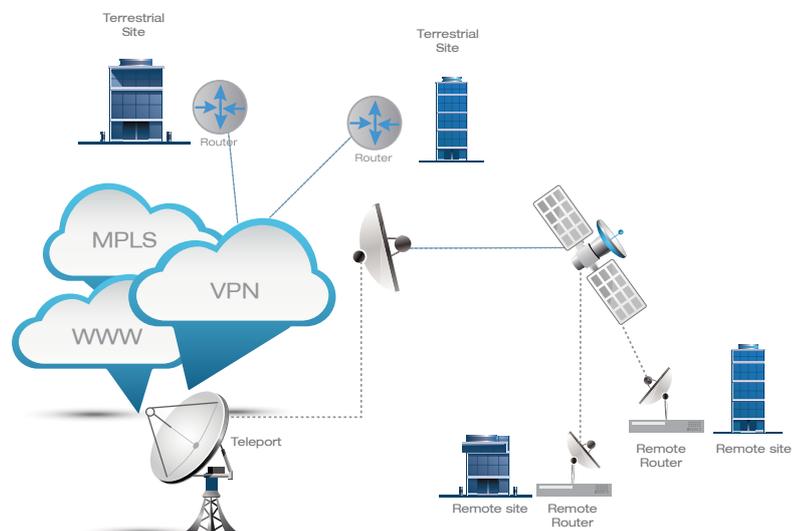
How does it work?

Broadsat brings connectivity to the remotest of areas, providing internet, data and voice via our own state-of-the-art Hub, located at the Teleport facility at Teraco, Johannesburg. This solution utilises the iDirect product range and platform to provide Ku-band satellite communication services throughout Southern and Western Africa.

The Teleport connects to the Teraco Data Centre, which not only allows direct access to Broadlink's core MPLS networks, but also gives customers the ability to interconnect with any of the of the other network operators and providers located there.

Typology Diagram

Terrestrial Site

Terrestrial Site

Router

Router

MPLS

VPN

WWW

Teleport

Remote Router

Remote site

Remote site
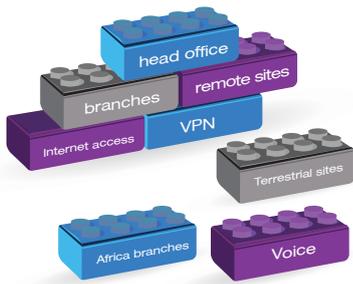
Remote Router

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Broadsat offers 3 service offerings to cater for a range of business requirements, applications and uses.

Enterprise

Broadsat-Enterprise is a customised VSAT solution, offering businesses access to tailor-made satellite infrastructure that connects directly to the Broadlink core MPLS network. The Enterprise range of services utilise a multidimensional satellite access platform to provide a premium based service that delivers the most flexible and advanced business satellite solution, uniquely designed for your business requirements.

- High performance with high availability
- Customised VSAT architecture for the unique needs of your business
- SLA backed service with 99.8% availability
- Point to multipoint access service from a state-of-the-art Teleport facility in Johannesburg
- IP network support, VPN ready for corporate networks
- Local backhaul to customer premises from the Teleport via terrestrial fibre or wireless links
- Facilitates for all business traffic including voice, data, video and real time applications

Broadband

Broadsat-Broadband delivers on the ever increasing requirement to offer a cost-effective, standardised satellite connectivity solution.

The Broadsat-Broadband product range delivers an always-on, contended and uncapped service at a fixed monthly cost. This solution enables the use of office-based tools, such as email, VPNs or the web to any location – as well as applications requiring higher bandwidth like videoconferencing and live broadcasting.

- Low contention broadband service with high performance
- Includes uncapped internet access at a fixed monthly fee
- Point to multipoint access service from a state-of-the-art Teleport facility in Johannesburg
- SLA backed service with 99.8% availability
- IP network support, VPN ready for corporate networks
- Local backhaul to customer premises from the Teleport via terrestrial fibre or wireless links
- Can facilitate for voice, data, video and other IP traffic

Continuity

Broadsat-Continuity offers a cost-effective redundancy alternative utilising VSAT technology. Many businesses require the security and peace of mind associated with having alternative connectivity in case their primary links go down.

Satellite based access services are ideally suited for backup solutions as VSAT infrastructure operates completely independently of any other terrestrial, fixed line or wireless networks, ensuring there is no single points of failure.

- Increased cost efficiencies when compared to traditional satellite redundancy services
- Ensures critical communications are always available, even during an emergency or infrastructure failure
- Ideal redundancy medium as VSAT infrastructure operates independently of other communication networks
- Customised to meet reliability requirements of the business
- Offers a flexible and intuitive continuity solution that is able to match the instantaneous demands of each site requiring backup

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