

# Connect your business, wherever it is

Super-reliable Ku-band satellite access, anywhere in Southern Africa

# Vsat Mpls

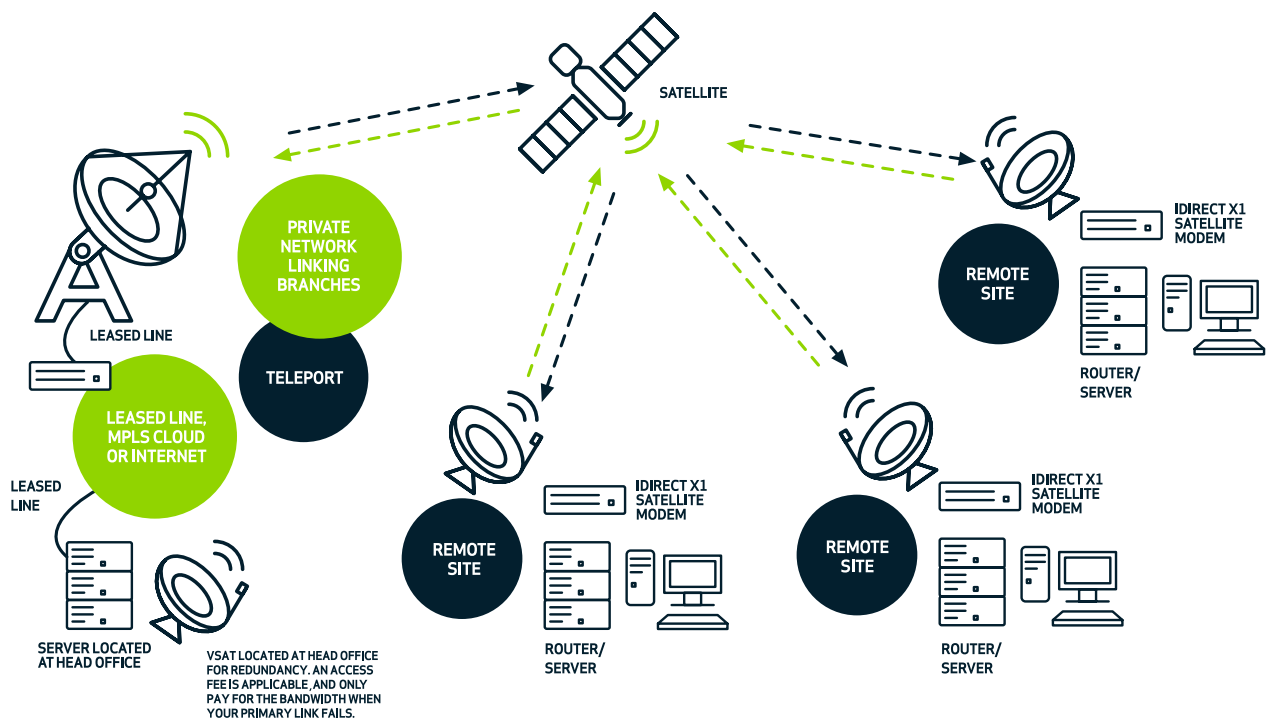
- Highly-reliable communication (99.5% uptime)
- Managed and monitored 24/7/365
- Affordable connectivity that offers redundancy
- Efficient and reliable Ku-band satellite connectivity
- VoIP capability
- Fast installation timeframes

## Product Overview

VSAT MPLS from Vox is a Ku-band satellite service designed for businesses with outlying branches. The service offers multi-branch businesses the security, connectivity, and reliability that is vital to daily operations. It acts as a central hub to almost any number of geographically-dispersed sites around Southern Africa and,

in essence, extends your business reach to remote regions that are not serviced by traditional terrestrial solutions - it also delivers highly-reliable MPLS functionality. The iDirect Evolution Satellite Teleport - which is co-located at Vox's Johannesburg office, and monitored around the clock - means low latency for your applications.

## How it Works

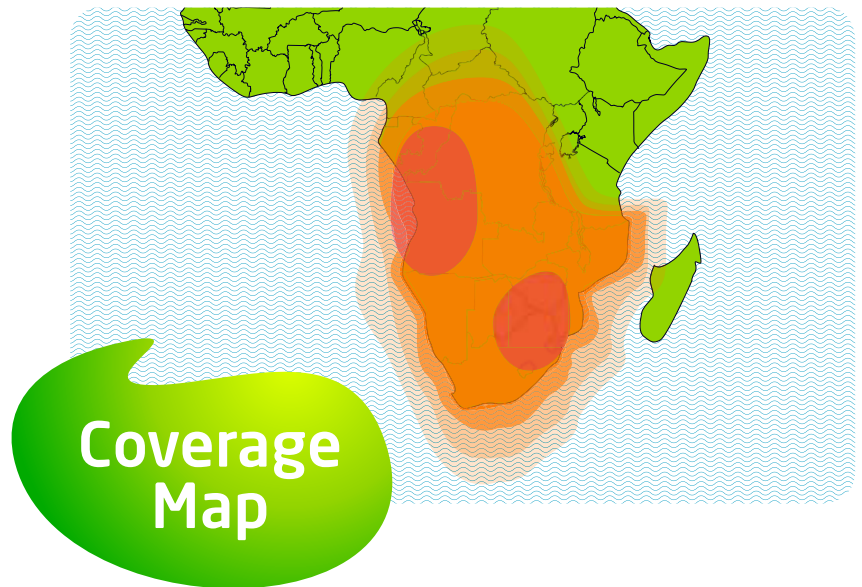


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## Features and Benefits

- Quick deployment
- Uncapped internet
- IP voice-ready
- Point-to-point single hop satellite connectivity
- Available across Southern Africa
- Reliability (99.5% availability)
- Affordable redundancy
- Last-mile connectivity, where DSL or Diginet can't be accessed in Southern Africa
- Reduced latency because teleport is located at Vox's head office in Johannesburg
- 24/7/365 remote monitoring
- A completely private network between your head office and branch offices



## Technical Information

### MPLS

A customer leases a segment of bandwidth from Vox, which is then allocated to each of the remote sites or branches. Using group Quality of Service (QoS), only these sites or branches would share the aforementioned leased bandwidth. Each remote site or branch is allocated a minimum guaranteed bandwidth, as well as a "burstable" portion of bandwidth. IP traffic lands at the local Vox teleport in Johannesburg, which then connects to the customer's head office via a direct leased line (MPLS). No other customers will have access to this segment of bandwidth that is set up using the customer's unique IP range (i.e. a completely private network).

For a satellite solution, the overall latency is low (JHB teleport), and this reduced latency will be noticeable even if the internet is used as the backbone for connectivity between the JHB teleport and the customer's head office.

### Redundancy

Vox can also provide a standby VSAT connectivity solution for redundancy purposes only. In such circumstances, a fixed monthly access fee would normally be applicable, but bandwidth would only be charged on an ad-hoc basis in accordance with the actual usage for that particular month. This charge would only be applicable when the site or branch goes into redundant mode for that particular month. If the customer's primary link fails for whatever reason, automatic failover will be activated and the satellite connectivity will automatically take over. Once the primary connectivity last mile access comes back up, automatic failback will then occur.

### About Vox

Innovation and insight combine in Vox - a market leading end-to-end integrated ICT and infrastructure provider and telecommunications company. From data to voice - as well as Cloud, business collaboration and conferencing tools - Vox offers

intelligent solutions that connect South Africans to the world, supporting entrepreneurs, customers and commerce, whilst practicing values of integrity, choice and service excellence in all of its dealings. For more information [click here](#).

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