

EXTENDING YOUR REACH TO REMOTE LOCATIONS

THE CHALLENGE: Extending the reach of ISP providers

The delivery of internet communications to remote locations, mostly in developing countries and emerging markets, has been a big challenge for ISPs. The lack of established terrestrial networks in these parts of the world poses the problem of being unable to effectively deliver the reliable internet connectivity that ISP providers need to provide.

Today, broadband in rural and remote locations remains expensive, slow, and in many cases unavailable due to the lack of reliable electricity grid, as well as high installation, operation, and maintenance costs of terrestrial infrastructure. ISPs need to extend their reach to provide rural connectivity in areas with great land mass but with relatively low population densities.

THE SOLUTION: High Capacity, Flexible, Rapidly deploys but Cost effective Satellite Solutions

Vizocom serves the needs of telecom operators in emerging markets by providing mobile backhaul, ISPs for internet backbone connectivity, and enterprises for broadband access for users beyond the range of terrestrial networks. Satellites can extend terrestrial infrastructure, immediately serving a large audience at a very marginal cost. Satellites are they key for internet growth in the Middle East and Africa.

Vizocom's connectivity solutions connect communities to the international IP backbone, with a seamless interface that is cost effective, rapidly deployed and flexible. Our end-to-end turnkey solutions provide full regional coverage and access to the global voice traffic market.



VIZOCOM SOLUTIONS

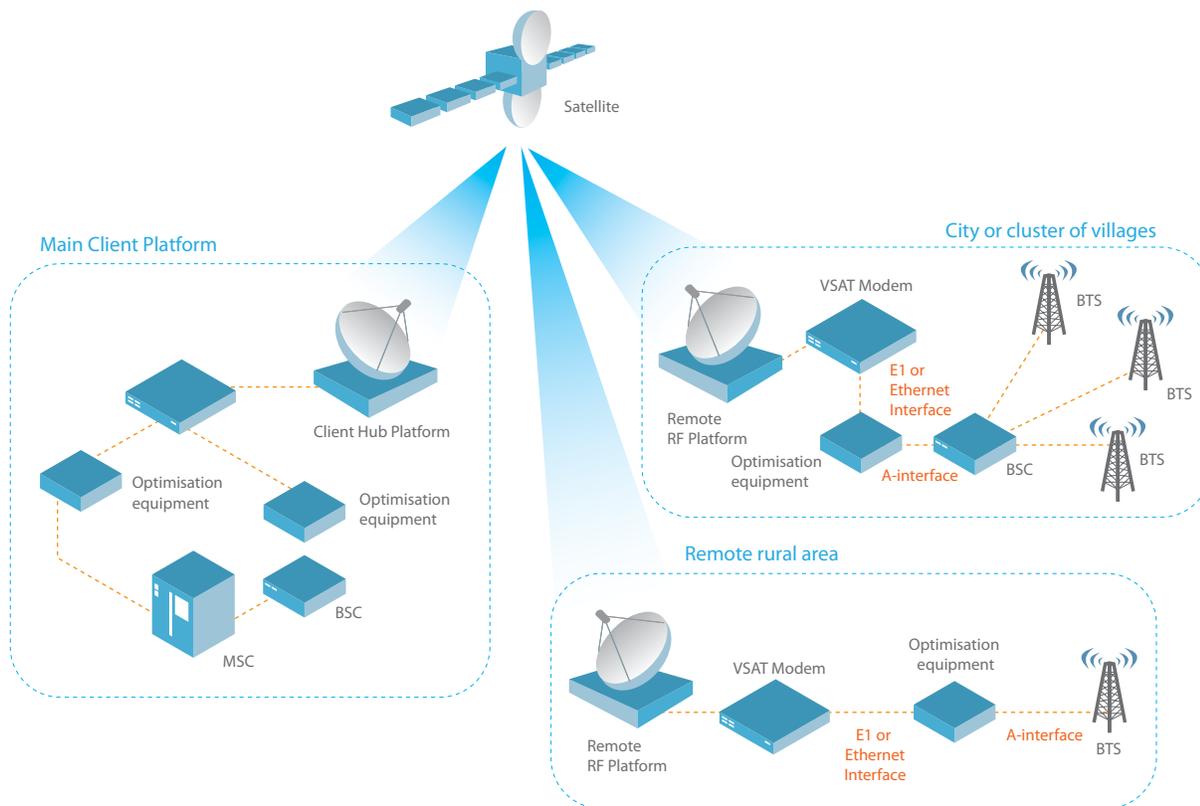
- » Managed Internet Services
- » Satellite Links for Data and Internet
- » MSS: Portable, Tracking, Handheld SAT Phones
- » P2P VSAT Links
- » Emergency Response Rapid Deployment Satellite Solutions
- » IP based Video Solutions
- » GSM Gateway

APPLICATIONS

- » Main Offices - Remote Sites Communications
- » Data Management & Transfer
- » Management Reporting
- » Crew Welfare Services: Email, Chat, Phone, Video, Browsing
- » Live Video Monitoring and Surveillance
- » Remote Training & e-learning
- » Remote Equipment Monitoring & Control
- » Off-site Maintenance & Diagnostics
- » SCADA

FLEXIBLE AND SCALABLE CONNECTIVITY SERVICES

Vizocom provides VSAT services using multiple satellites to ensure the complete coverage of the African continent. This extensive coverage enables Vizocom to provide a comprehensive and unique range of access services for professional users available across the whole of Africa. Our coverage of Africa includes Ku-band, Ka-band, and C-band services on Eutelsat 21B, Eutelsat 7A, Eutelsat 3B, NSS-12, Africasat 1A, Yamal 402, Hylas2, Arabsat-5C, and SES-5 to name a few.



OUR SERVICES

INTERNET BACKBONE SOLUTION

Our internet backbone solution offers the ideal facilities for the hosting and colocation of satellite communication solutions in our teleports, combined with flexible, scalable bandwidth services and our global terrestrial network.

We provide secure, high-capacity, scalable dedicated throughput on remote sites using the most efficient modulations by taking advantage of our ground infrastructure combined with our fleet of satellites to offer the highest service availability level.

MOBILE BACKHAUL SOLUTION

Extend your service nationwide with Vizocom's Mobile Backhaul solution. Our analysis shows that our solution can be profitable for extremely rural areas. Our solution is cost-effective with the lowest cost per user in large areas with low population density and has unlimited reach allowing you to transport traffic within your network to and from any point.

VIZOCOM PROVIDES

KEY STRENGTHS

Vizocom connectivity services are based on the unmatched performance and reliability of our Ku-band, C-band and Ka-band satellites, combined with an exceptional worldwide terrestrial infrastructure composed of our partner teleports interconnected by redundant fibers and terminating in major points of presence such as Paris, Frankfurt, London, Hong Kong, and New York.

The seamless connection of our connectivity services is one of the key strengths of our solutions. To offer these services, Vizocom relies on highly skilled senior engineers in IP communications via satellite. We co-design, test, and select the best technologies in line with market trends, and we handle approval processes. Gathering expertise from signal analysis, to communications protocols and IP networking, is the cornerstone on which we have built our services.

Each of our services can be secured end-to-end through VPN tunnels. This sophisticated solution can be implemented between the remote terminal and the VPN concentrator of the telco, or between the company's servers, without degrading the performance of the link despite encryption processes

RAPID DEPLOYMENT

Operations in remote locations with poor or unavailable terrestrial and cellular infrastructure need efficient communications solutions for rapid deployment in case of emergencies. Reliable communications is of utmost importance in maintaining the remote site security and acts as a lifeline in case of natural disasters.

A mission critical operation needs more than one option to communicate, and Vizocom provides these critical communications options to areas where existing terrestrial communications are unavailable or unreliable. Vizocom's vast collection of VSAT equipment in a variety of combinations enables responders in the field to quickly establish a high speed data connection delivering vital information to save lives and property in disaster hit areas.

LOW OVERHEAD ICT SOLUTIONS

Internet Service Operators are always looking for cost-effective but highly efficient communications suites that can meet and fulfil specific technical requirements, while lowering the operator's overhead costs. They come to Vizocom because of our low-overhead packaged and managed solutions that allow operators to

offer highly reliable and cost efficient connectivity services that meet all the customer requirements.

Vizocom provides highly effective ICT solutions to Internet Service Operators to cover their ICT communication needs, allowing them to deliver cost-efficient services to customers especially in remote locations with poor terrestrial infrastructure. Vizocom's services are tailored to fit the operator requirements, allowing them to provide services with premium quality performance.

365 X 24 X 7 SUPPORT

It is critical for the Mining industry to have a seamless 365 X 24 X7 local support that can rush to remedy any problem that may arise in the field.

Vizocom prides itself for its 3-layered after-sales services and has established the proper measures to achieve this.

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