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Your  **internet** Partner

Countrywide Internet Service | Network Infrastructure | Business Intelligence | Cloud Services



INTERNET CONNECTIVITY SOLUTIONS

- Fiber Optic Internet Connectivity
- Wireless Internet Connectivity
- Satellite Internet Connectivity
- VPN & Data Connectivity
- MPLS L2/L3 Connectivity

COUNTRYWIDE INTERNET & DATA CONNECTIVITY

IPTEC is the pioneer Licensed Internet Service provider in South Sudan. IPTEC Provides Terrestrial Optical Fiber and Satellite Internet Services.

IPTEC points-of-presence (PoPs) across Africa provide instantaneous access to our partners with EASSy, WACS, SEA-ME-WE-4, TEAMS and other subsea cables. The high-capacity cables connecting customers to our PoPs in Kenya, Uganda, UK and from there to the rest of the world.

Our Internet backbone is connected Terrestrial Optical Fiber link and C-Band Satellite in Germany. To ensure the fully redundant optical fiber connectivity up to Juba, we are collaborating with multiple terrestrial optical fiber infrastructure provider in Kenya, Uganda and South Sudan.

We rely on our state-of-the-art redundant infrastructure, the highest standards in terms of reliability, security and redundancy. We are using latest innovative multiple last mile connectivity technology; such as Fiber Optic (FTTH), GPON, Wireless P2P/PtMP Network, LTE Network and in Satellite Network (C-Band, KU-Band and KA-Band).

Fiber Optic Internet Connectivity

IPTEC connects an extensive fiber network and fiber bandwidth providers by undersea cables and fiber routes within many countries. To ensure the fully redundant terrestrial optical fiber connectivity, we are collaborating with multiple fiber infrastructure providers in South Sudan. Our customers can enjoy a plethora of high-speed connectivity services. For last mile connectivity, we are using FTTH and GPON technology for to connect end customers.

Our vast experience enables us to offer high-quality connectivity services. We provides internet connectivity and unlimited scalability. Enterprises, regardless of size can enjoy high-speed & reliable connectivity.

IPTEC offers a world class optical fiber solution for the requirements of today's Oil & Gas companies, Banks, Enterprises, NGO's, Embassies and UN Organizations.



IPTEC Fiber Connectivity - What Makes Different:

- Low latency 25 ms to 200 ms
- Secure Global Coverage
- Redundant connectivity
- Service availability upto 99.98%
- High-performance DNS resolution
- Dedicated bandwidth allocation service
- Highly scalable and affordable bandwidth
- IP address assignment Pro-active monitoring for efficient usage
- High-capacity, high-speed Internet connection via undersea cables



Wireless Internet Connectivity

IPTEC Provides Carrier Class Wireless Internet connectivity with most innovative, flexible, reliable and cost effective solution. Our versatile product range covers all type of wireless solutions including Microwave Radio, Wireless P2P, PtMP and 4G LTE technology.

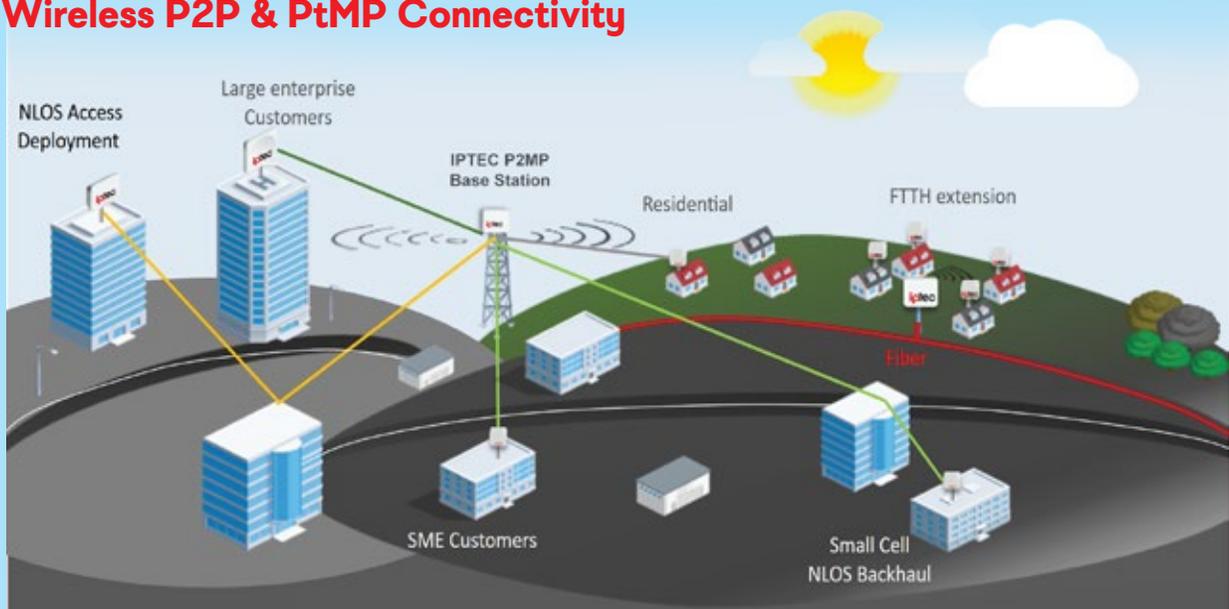
IPTEC Wireless broadband is available in all over Juba. Wireless connectivity is not affected by the weather, Rain and Cloud. With IPTEC internet Service, you will enjoy best internet surfing experience in South Sudan.



IPTEC Wireless Internet - What Makes Different:

- Low Latency 30 to 200 msits faster than Satellite
- Full Duplex (Symmetrical) Internet Bandwidth
- High Capacity link (more than 100Mb Bandwidth)
- Best LTE and Wireless Network coverage
- Optical Fiber and C-Band VSAT Backbone (Not affected by weather)
- Licensed Spectrum, which enables Network Availability up to 99.98%
- Fully backup (Redundant) service with less interruption up to 99.98% uptime
- Up to 3rd level backup for internet for the 1st time in South Sudan
- Local Cache Server Enabled Bandwidth Acceleration (25% Faster Browsing

Wireless P2P & PtMP Connectivity



IPTEC P2P & PtMP Wireless connectivity provides high throughput dedicated full duplex internet connectivity. This solution has designed for Large Enterprise Oil & Gas Company, Banks, NGO's and Government institutions for real time internet access.

Our carrier class robust wireless products ensure you dedicated service, high capacity, maximum availability and low latency faster connectivity. The backbone with auto redundant technology will ensure you maximum availability of internet service. Our Microwave/Wireless broadband networks can provide multifunctional application, high-speed Internet, telephone service, voice, data and video applications.

4G LTE Wireless Connectivity



IPTEC 4G LTE connectivity is suitable for Small & Medium Enterprise, Cyber café and home users. Our 4G LTE network provides multifunctional application, high-speed internet, telephone services, voice, data, and video applications. 4G LTE internet service is a completely Non-Line-of-Sight wireless broadband service.

IPTEC wireless broadband internet access service has designed to offer your business an exceptional level of connectivity delivered to you. It's cost-effective solution will address both technical and commercial needs for your business today and tomorrow due to it's stability and robustness.

Satellite Internet Connectivity



IPTEC has built up its own teleport infrastructure in Germany & possesses a complete control over satellite, which can enable to provide Internet connectivity all over in South Sudan.

We provides a world-class solution for the challenging, global communication needs. Our solutions leverage the leading fixed and mobile satellite networks to provide a rich service offering. We offer Enterprise and global organizations a wide variety of broadband internet connectivity options, from dedicated service to high-contention cost-effective offering.

We are using all kind of Satellite technology as C-Band, KU-Band and KA-Band. Our wide range of Satellite services are able to provide you the best solution and world class services with reliable and high-capacity platform.

With an extensive network spanning over 13 satellites and 4 teleports are connected with Gigabit fiber backbone across three continents. Our satellite communication platform utilizes segments from the leading satellite operators: ARABSAT, Yamal, Intelsat, AfricaSat, Hellas Sat, TeleSat, ABS and SES.

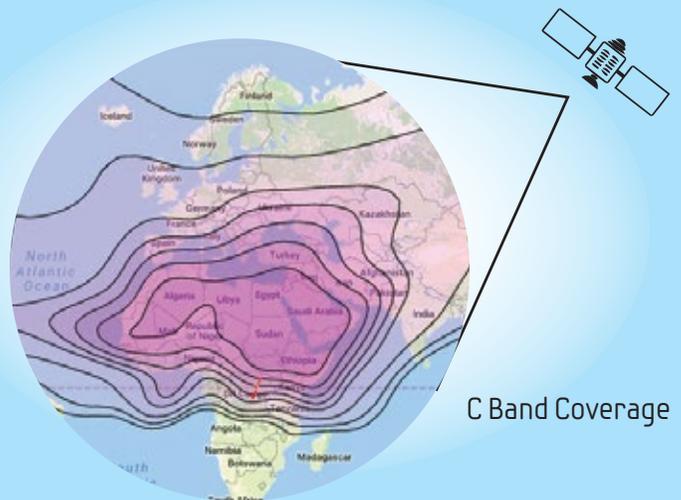
IPTEC Satellite Internet - What Makes Different:

- Own Teleports in Germany
- Service availability up to 99.98%
- Reliable alternative to terrestrial networks
- Cost-effective, easy to scale & deploy
- Experienced VSAT Engineer on Ground
- Multiple platforms, such as iDirect, GSN etc
- Premium C-band, KU-band and KA-Band coverage
- High capacity links and Global satellite platform lay-out
- Dedicated bandwidth allocation & Low-contention
- Connected with multiple teleports in Germany & UK



C-Band VSAT Connectivity

IPTeC C-Band Satellite internet is the best experience in the market. We redesigned and upgrade the dedicated and shared optimized satellite service, bringing the best Internet experience for C-Band customers. Our C-Band Internet solution is for large enterprise, Corporate, Oil & Gas, Bank, NGO and for those who are using real time network. This service is the most reliable than any other satellite technology.



Benefits:

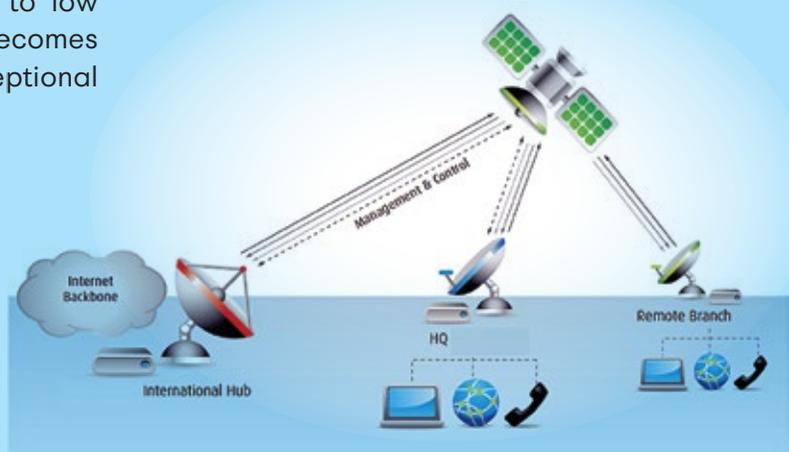
- Service availability up to 99.99%
- Premium C-band Services
- Increased system capacity
- It's better for satellite applications that need larger bandwidth
- Its works extremely resilient to severe weather conditions like heavy rain

KU-Band VSAT Connectivity

IPTeC KU-Band Internet connects small and medium businesses across the globe directly to the internet backbone. Our cost-effective service is based on off-the-shelf, easy to use broadband connectivity platforms covering all over Africa. Our KU-Band introduces committed/matched information rate (CIR/MIR) based data packages. At the same time, clients can reduce CAPEX due to low cost equipment. KU-band becomes successful due to its exceptional reception with small antennas.

Benefits:

- Cost-effective broadband connectivity
- Premium KU band coverage
- Flexible bandwidth options
- Easy to use platform



KA-Band VSAT Connectivity

KA-Band is a high performance satellite broadband service for Home users. With KA-Band, subscribers can enjoy high-speed Internet anywhere in the world even where there is no network.

KA-Band can deliver true cost-effective broadband services, and can be easily installed by a small satellite dish. And supported with in-country technical, operational and customer care.

VPN & Data Connectivity

IPTEC has built own local hub in South Sudan to provide data connectivity service to Mobile Operator (Cellular Backhaul), Oil & Gas Companies, Banks, NGO's and UN Agencies. We have introduced avant-garde Intranet and Internet safety for you with its Virtual Private Network (VPN) services.

It's reliable, secure & cost-effective which can be very handy for any private or enterprise customers. Enterprise customers operate confidential communications on regular basis.

IPTEC offers Data Connectivity through Optical Fiber, Satellite and Wireless network connectivity. As we have introduced star, multi-star and full mesh topology to maintain the VPN network, the users can experience maximum cyber security without any speed deceleration.

IPTEC Hub - What Makes Different:

- Local Hub is Located in Juba
- Hub dish with equipped 4.5 M dish
- Single hop data connectivity solution latency 550 ms
- Tailored solutions according to your needs
- Reduced operational expenses (OPEX)
- Extensive satellite coverage all over South Sudan
- Turn-key projects and managed services
- High scalability CIR and Contention Ratios
- Quality & QoS bandwidth management
- Reliable field-proven equipment
- Peace-of-mind: 24 x 7 local presence Support



MPLS L2/L3 Connectivity

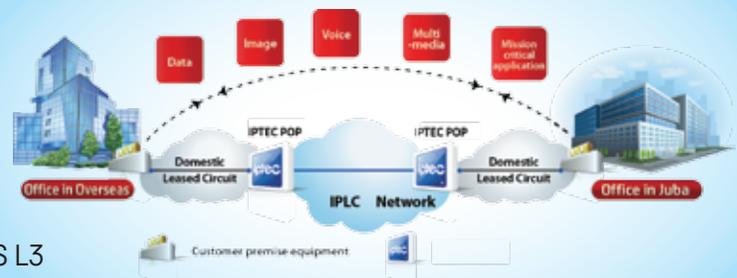
IPTEC offer fully redundant MPLS Services. Our MPLS technology supports multiple service classes to ensure the delivery of time-sensitive applications such as voice and video and other applications within the same network.

With IPTEC, MPLS-based routing executed faster, reducing round-trip delays and optimizing user experience. Customer-specified critical and sensitive applications get preferred priority at all times. High availability for critical applications is the heart of all enterprises connectivity.

IPTEC's MPLS network is the perfect solution that promises maximum uptime. By deploying local MPLS nodes in main cities in Africa, and connecting them to each other, all data stays in Africa. In addition, we optimize your data delivery – no data transferred to Europe in order to travel back, promising lowest latency.

IPTEC MPLS - What Makes Different:

- Secure and confidential
- Multiple terrestrial cables
- Full mesh MPLS top topology
- Very high data rates and capacity
- Delivery of MPLS L2 Ethernet and MPLS L3
- 24/7 technical support for any application
- Last mile delivery over Fiber, Wireless, Microwave radio or both
- Connection to the world via multiple submarine cables: EASSy, SEA-ME-WE-4, TEAMS, WACS



IPTEC is one of the leading Internet Service Provider (ISP) and one-stop Digital Service provider in South Sudan. Incorporated in 2011, IPTEC has already expanded its services to Optical Fiber, Wireless Internet, Satellite Internet and Intranet (data) services on hand in all the states of South Sudan.

Our Vision

To provide quality services that exceeds the expectations of our esteemed customers.

Our Mission

To build long term relationships with our customers by providing unparalleled customer services through business innovations and most advanced technologies.

Our watchwords are: **Committed, Reliable & Trusted**

Our Strength

- One stop Digital Service centers
- Telco Grade Internet Service
- Our own Internet Gateway in South Sudan
- A pool of certified IP Core, RF and VSAT engineers
- 50+ expert team members working in Juba, South Sudan
- Our own Satellite Networks & Teleport Infrastructure in Germany
- Terrestrial Optical Fiber bandwidth with uninterrupted satellite backup
- Government authorized licensed spectrum without interference
- Robust Wireless Network coverage with P2P, PtMP and 4G LTE technology
- Connected with multiple upstream providers in Germany, Uganda, Kenya & UK
- Partnership with various ICT companies from USA, UK, Russia, Switzerland, Israel, Germany, Belgium and Bangladesh



 +211 929 007 005, +211 929 007 006

 sales@iptecltd.com

 www.iptecltd.com

Corporate Office

Plot # 83, Block: 3-K South, IPTEC Avenue, Juba Na Bari, Juba, South Sudan
Phone: +211 929 007 000. E-Mail: info@iptecltd.com