JTL FIBER (J–Connect)

Product Overview

The Jamii Internet (**J-Connect**) via the optical fiber metro link, the protected long haul Nairobi-Mombasa Optical cable, and the protected TEAMS and SEACOM submarine cable is a service offering in the Jamii Enterprise suite of solutions, which provides high-speed bandwidth, highly available and protected internet connectivity to the global internet, and to the rest of the world. This cost-effective offering enables support of on-demand, real-time and high bandwidth applications.

Designed for SME's, business and corporate networks and government networks, **Jamii's J-Connect** utilizes the wide coverage of optical fiber cable for the last mile in the metropolitan city / towns / residential areas, and at the end user, Ethernet or TDM E1 network interface. This not only reduces cost, but also enables scalability, and flexibility to deliver higher bandwidths without investing in new equipment and resources.

JTL provides **J-Connect** services to enterprises and Service Providers for web browsing, e-mail and other business needs. J-Connect services allow enterprises to connect to the outside world and seamlessly use the Internet for messaging. Jamii's national IP superhighway forms part of the core of the Internet in Kenya, peered with the country's major Internet Service Providers and Internet Exchange point. Through our Global Tier 1 Internet Point of Presence (POP) in Fuchsdat, Germany, and connectivity to TEAMS and SEACOM, Jamii's national fiber network connects your enterprise directly to the heart of the Internet. Clients are able to take advantage of the enhanced peering relations that Jamii draws on from the world's leading content Service Providers, offering you access to global content with reduced latency and improved throughput.

Jamii leverages the strength and flexibility of SEACOM/TEAMS/FUSCHSDAT for IP transit and international peering to provide faster access to offshore content, regardless of the location of this content. Jamii's next generation, world-class, state-of-the-art infrastructure provides high-speed, redundant connectivity with superior uptimes, multiple peering and IP transit relationships with various content providers and ISPs across the globe. Jamii optimally manages the network to ensure continuity of Internet traffic, ensuring optimal performance and availability.

In Kenya, local peering is achieved via the KIXP, the Kenya Internet Exchange Point.

Jamii Internet **Link ensures**

- Flexibility, with bandwidth tailored to your specific business requirements
- Scalability, on-demand provisioning allows you to increase capacity seamlessly and quickly
- Reliability, as a truly converged service offering and part of an integrated network
- Availability – a highly available to the internet, allowing business and communication continuity
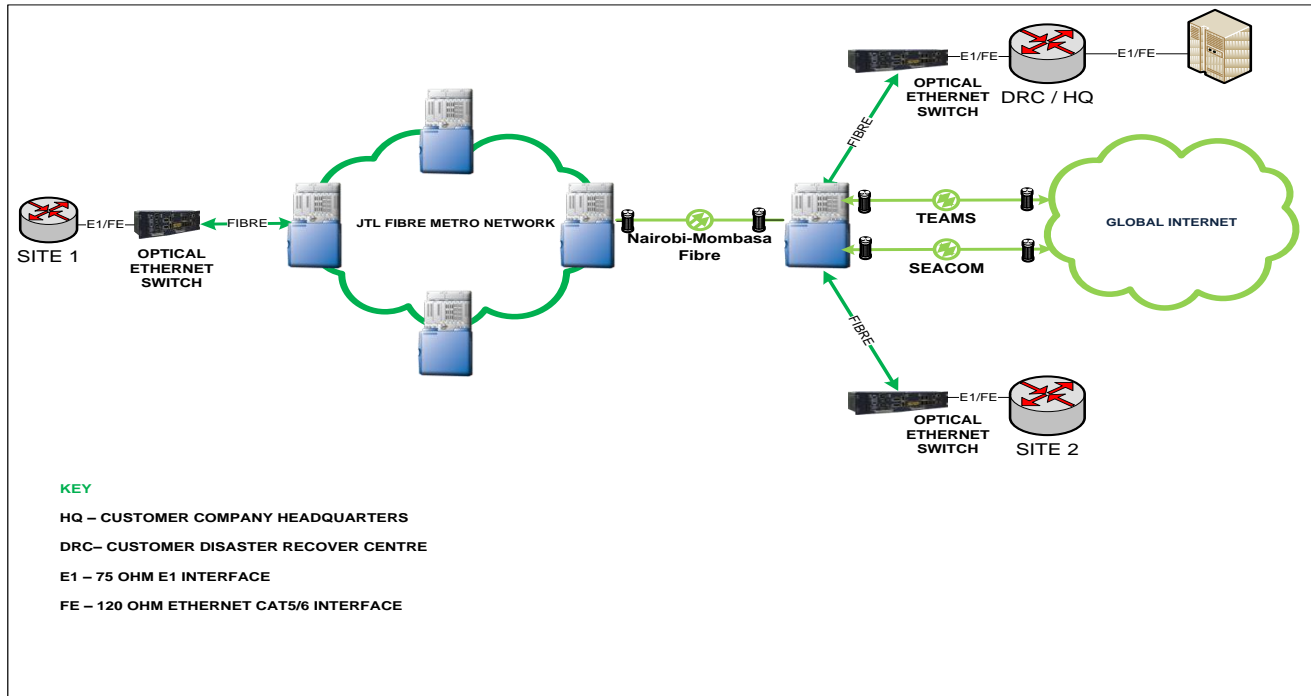
Jamii Internet is offered as a point-to-point and/or point-to-multipoint, fully converged solution, offering connectivity between customer sites within the same metropolitan area as well as access to Jamii Telkom's bouquet of IP-based services.

Product Applications

- Web browsing / E-mail services
- VoIP services
- VPN through the internet

Solution Design

Features and Benefits

Features	Benefits
Quick deployment and effective management	Short lead times to delivery
Flexibility / scalability	Flexible and scalable platforms customized for varying industry needs
Fully-managed network	Single User to Network Interfaces
SLA delivery	Reputable end-to-end service guarantees- guaranteed uptime
Scalability	Ease of upgrading or network expansion
Redundant network topology	Highly reliable and available network offered as a solution, fewer points of failure
Security and customer-defined access control	Customers can enforce their private security policy to administrate which users can access which portions of the network
Enhanced Services	Enhanced services – VoIP, Video streaming
Wide Coverage	Widespread metro coverage enabling wider service footprint via fiber
Reduced latency	Direct access to the Internet with fewer hops, reduced latency over the national fiber backbone, and the submarine cable
Support	24 x 7 technical support

Availability

Jamii Internet over fiber is available in Nairobi and Mombasa. Nakuru, Kisumu, and Eldoret metro networks are on-going installation, and will be available soon.

For More Information

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