

# NEWSLETTER

NAS Inter-Global Networks Limited - Ghana Office - Hse # 141/21 Saflo Link, Abelenkpe Accra, [www.nasglobal.com](http://www.nasglobal.com)



## *Dear valued Customer,*

As NAS has been making strides to ensure that you, our customers receive the highest quality service in the industry today, our research department has been researching into the newest and most efficient technologies for our industry today.

With the growing need and demand of our valued customers to take advantage of the 4<sup>th</sup> Generation ICT solutions to meet the needs of their businesses and to keep in line with Modern ICT Technology, We are now upgrading our backbone network to a much more robust, scalable, reliable and secure one.

We are migrating from the traditional IP-BGP network to Multiprotocol Label Switching network (MPLS) to meet all the needs of Today's ICT demands.

With MPLS, We will now be able to efficiently and effectively support all the high level ICT technologies within the core of our Network, thereby enabling our clients to take full advantage of today's and tomorrow's ICT technologies to improve their businesses and working operations.

Our clients will have virtually no limit because of the many technologies that our Core backbone will be able to handle.

- Seamless integration of voice and data networks under one network infrastructure.
- Differentiated, end-to-end IP services with simpler configuration, management, and provisioning.
- Scalable, any-to-any connectivity that can encompass multiple customers.
- Simpler requirements for provider-managed networks with support for service-level agreements (SLAs)
- The ability to provide advanced quality of service (QoS) features that ensure network priority for mission-critical traffic.
- Guaranteed bandwidth for streaming services such as multimedia, voice, videoconferencing, and e-learning.
- A standards-based technology; MPLS is an Internet Engineering Task Force (IETF) standard designed to ensure interoperability in multi vendor networks.
- Integration with Cisco IOS® software in Cisco routers, switches, and other network elements will also benefit from MPLS technical advantages. MPLS is deployed primarily in the core of a Service provider's network, and is compatible with pure IP architecture as well as networks with a mix of IP and ATM and other Layer 2 technologies.

## Continuation

MPLS integrates the switching performance and traffic management capabilities of Data Link Layer 2 with the scalability and flexibility of Network Layer 3 routing. At the network edge, routers apply simple labels to data packets or frames. MPLS-enabled ATM switches or routers in the network core can then switch packets according to those labels with minimal lookup overhead.

MPLS technology offers businesses the performance of traditional VPNs but is far more cost effective, as the intelligence resides in MPLS networks core, there is no need for any expensive VPN appliances to be located on the customers' premises, because it allows us to create new VPN networks without having to install new hardware thus, reduces the cost of implementation, which in turn reduces the overall cost of VPNS.

The implementation of this architecture (MPLS), will enable NAS to expand its network that will scale its growing customers and provide them with valuable services. It will enable us to accommodate virtually any customer's requirement for remote access, intranet, extranets, and Internet access. Service management, technology management, and network management, so that total cost of ownership can be determined.

We are committed to completing the implementation of the most effective network in Ghana by year-end which will support the Multi-Nationals, NGOs, Government and Corporate communities in a way they never experienced.

By completion, we will have more Cisco certified engineers than any of our competitors which will enable us to support this effective but sophisticated system. In addition - with our direct fiber circuit to Portugal, our MPLS system with full integration with the best upstream provider in Portugal, and our trained engineers will make this converged access a joy for our corporate customers. Therefore, we are very excited about this migration. We will keep you up-dated as we go through the various upgrades.

***Stay tune for the major advertising blitz on the new service and other marketing material on the company and its direction. Also look out for product demo invites. Beginning November we will have scheduled two-hour demonstrations in our Abelenkpe office. The office will be designed as a typical corporate customer.***

**"If information and knowledge are central to democracy, they are the conditions for development"**

**Kofi Annan**

## THIS MONTHS PROMOTION

**MP3 PLAYER | FM | VOICE RECORDER | 1GB**

**SWEEZ FM - 1024**



**PRINT | SCAN | COPY | FAX**

**NAS Inter-Global Networks Limited**

Hse # 141/21 Saflo Link  
Abelenkpe - Accra

**Tel:** (+233-21) 7012800/2  
**Fax:** 7012803

**Website:** [www.nasglobal.com](http://www.nasglobal.com)