Mobile Backhaul Migration portfolio showcased at AfricaCom 2012

Transition Networks Inc, the fibre access technology specialists and a wholly owned subsidiary of Communications Systems, will be showcasing a full-suite of mobile backhaul products built to provide a comprehensive set of solutions for any generation of mobile backhaul migration at AfricaCom 2012, currently taking place in Cape Town, South Africa until Thursday, 15 November 2012.

Beyond upgrades to IP/Ethernet, Transition Networks is helping operators raise their sights to target revenues from offering new services that help increase their average revenue per user (ARPU) and reduced operating expenditures through the consolidation of networks.

The widespread implementation of next generation networks (NGN) has increased demand for the migration of mobile backhaul services. Service providers need to meet subscriber demands along with improved network capabilities, performance, and security.

Transition Networks' IP/Ethernet mobile backhaul products play a role in these new networks that deliver faster data speeds, and have flexible Multi-COS for controlling traffic and improving end-user quality of service. Service Providers are realising that they have a plethora of options available to increase capacity and offer new revenue generating services.

Operators worldwide are moving to a much faster and dependable 4G/LTE backhaul, especially where fiber is already available. Others are picking a hybrid solution for retaining their investments in 2G and 3G services, which is critically important to operators ARPU. Implementing a hybrid 2G/3G backhaul will still allow service providers to offer new services for end-users and increased cell-site capacity for future growth.

Mobile backhaul strategies required

"Operators require mobile backhaul strategies that can accommodate traffic and deployment plans for the future while also maintaining their legacy networks for current 2G and 3G services" said Kevin Faulds, director of product management at Transition Networks.

"There continues to be a lot of work and review in designing and implementing mobile backhaul networks while migrating

and maintaining the various cellular generations. This is where Transition Networks can be extremely helpful. This year marks our 25th anniversary as a leading global network equipment supplier. We've always designed our products with a true focus on customer requirements for providing a less intrusive, streamlined approach for supporting both legacy and next generation networks".

Transition's broad portfolio of TDM, circuit emulation over IP (CES), and Carrier Ethernet aggregation and NID products make it easy for operators to address their migration strategies regardless of the current or future technology. For operators looking to migrate to TDM over fiber, but are still using TDM 2G/3G as their primary voice services at the tower, Transition's Fiber TDM products will help operators retain your current TDM infrastructure, while enabling offloading 2G/3G packet-based data traffic to Ethernet.

Industry accepted CES allows networks to coexist using both legacy and next generation network products, utilizing capital resources more efficiently during the migration. This permits a simple shift to a converged IP/Ethernet backhaul, which reduces the operator backhaul costs, increases capacity, and allows new service generation. For those looking for more scalability, we also have our intelligent Carrier Ethernet products designed for SLA-enabled end-to-end service provisioning and assurance with carrier-grade performance.

Implementing the latest 4G technologies

Whether you're looking to implement the latest 4G technologies with the most advanced features, or simply looking for more operational efficiencies in legacy 2G-3G networks, Transition Networks has the products to help simplify your mobile backhaul network without the capital expenditure. This encourages operators to upgrade their network as needed without sacrificing the technologies that are currently generating revenue, such as 2G/3G-based voice services and also helping to grow the network in a way that best suits the company and provides the best end user experience.

Transition Networks' Mobile Backhaul solutions will be on display at the AfricaCom until Thursday, 15 November 2012.

For more, go to www.transition.com/TransitionNetworks

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