

Creanord introduces 10GbE Packet Performance Node, assuring 10 GbE performance

Antwerp / Breda / Le Vésinet / Munich – April 15, 2010—Tucana's partner Creanord introduces 10GbE Packet Performance Node, assuring 10 GbE performance, scaling to 1,000s of Y.1731 sessions for wireless backhaul monitoring.



Creanord, a premier solutions enabler assisting Carriers and service providers in Ensuring Quality of Experience and Strengthening customer loyalty introduces the MetroNODE 10G packet performance node. Featuring hardware-based, ultra-low latency architecture, the 10GE delivers highly-scalable performance monitoring for critical 10 Gigabit Ethernet applications.

Addressing a critical need in 3G & 4G (LTE & WiMAX) backhaul networks, the 10GE can establish and maintain thousands of Y.1731 sessions at the Mobile Switching Center (MSC), providing comprehensive Ethernet Operations, Administration & Maintenance (OAM) coverage unachievable using today's switches or routers. The MetroNODE 10GE is a unique networking product, reflecting input from leading service providers seeking an enhanced alternative to traditional network elements. With an initial feature set optimized for mobile backhaul applications, the 10GE unit's ultra-precise OAM capabilities easily scale to the large number of sessions required to monitor and maintain 3G & 4G service deployments.

To guarantee Service Level Agreements (SLAs) for a wide variety of real-time communication and data services, backhaul connections maintain different service classes for high, medium and low priority traffic. Used to monitor connectivity and performance for each service class between the MSC and each cell site, Y.1731 sessions converging at the MSC quickly scale into the thousands as operators light up hundreds of towers in a metro region.

Existing routers with software-based OAM implementations can incur processing delays that result in nonsensical latency and jitter measurements - often several times longer than accurate measurements provide. This lack of precision under real-world conditions leads to false alarms and inconsistent or incomplete monitoring visibility. By contrast, the 10GE unit features a dedicated-silicon, all-hardware architecture capable of processing thousands of flows in parallel with microsecond precision - technology scaled from Creanord's well known MetroNID units, widely deployed to establish OAM and monitor performance at cell sites worldwide.

Mobile operators no longer have to maintain networks with sparse, inaccurate OAM measurements as they move from field trials to full-scale 3G & LTE deployments. Hundreds of operators count on our solutions to assure critical applications - we engineered the MetroNODE 10G to exceed their requirements and expectations. By using the 10GE to deploy service with confidence, they can overcome shortcomings in what they now consider legacy technology.

About Creanord

Creanord assists carriers and service providers to streamline networks and business operations by providing a comprehensive solution for Ensuring Quality of Experience and for strengthening customer loyalty. Creanord's Managed Ethernet Access solution comprises innovative Ethernet Access hardware and carrier-grade EchoVault Service and SLA delivery software. With the Creanord solution, service providers are empowered to roll out and manage high-performance Ethernet Access that surpasses the customer expectations.

The company has expanding partner network responding to rapidly growing Ethernet Access needs in the Europe and North America.

More information:

Ramon Mutsaers

Tel: +31 76 5794 115

ramon.mutsaers@tucana.com



Tucana Telecom is a value added distributor of test, measurement and access solutions, for advanced protocol analysis and network management, in (mobile) telecommunications networks. Tucana Telecom offers indispensable support to operators and telecom OEMs, during the development phase of new products and services and during installation and management/ maintenance of the network. The staff is specialised in WiFi, WiMAX, LTE, UMTS, GPRS, GSM, SS7, V5.x, ISDN, VoIP, SDH/Sonet. The enhanced service program comprises consulting, all-in maintenance contracts, hands-on training sessions and helpdesk. The company has offices in Belgium, France, Germany and The Netherlands.

Belgium – Tucana Telecom NV – Miraeusstraat 10 – B2018 Antwerp – Tel: +32 3 237 6326 - Fax +32 3 216 1587

France – Tucana Telecom SAs – 129/137 Boulevard Carnot – 78110 Le Vésinet – Tel: +33 1 3009 2090 - Fax +33 1 3009 1061

Germany – Tucana Telecom GmbH – c/o Keller-Menz Rindermarkt 3+4 – D80331 Munich – Tel: +49 89 540 30 969 - Fax +49 89 540 30 959

The Netherlands – Tucana Telecom BV – Minervum 7446K – 4817 ZG Breda – Tel: +31 76 5794111 - Fax +31 76 5811619

info@tucana.com
www.tucana.com