Press Release
ข่าวประชาสัมพันธ์

Thaicom Introduces NITRO RAN Optimizer Solution

NITRO30 and NITRO100 promise reduced transmission cost to connect high-throughput 4G/LTE cellular networks to rural areas

Nonthaburi, 23 May 2017 – **Thaicom Public Company Limited**—a leading Asian satellite operator and provider of customized end-to-end satellite communications solutions—today announced the introduction of a series of Radio Access Network (RAN) optimizers to enable satellite service providers to cost-effectively optimize high-throughput 4G/LTE data and voice traffic to unserved and underserved areas using a single-box solution. Thaicom is one of the leading providers of cellular backhaul over satellite service to Mobile Network Operators (MNOs) in Asia Pacific. With the introduction of the RAN optimizers NITRO30 and NITRO100, Thaicom is rounding out its end-to-end cellular backhaul service portfolio.

Commented **Patompob (Nile) Suwansiri, CCO, Thaicom Public Company Limited**, "Cellular backhaul has been a market of high growth for Thaicom customers across Asia Pacific. Our IPSTAR broadband satellite system in combination with our customized solutions on an end-to-end basis has allowed cellular operators expand their service coverage area and increase subscribers cost-effectively in the past. With the introduction of our new series of NITRO Radio Area Network optimizers we can now complete Thaicom's end-to-end service delivery model for cellular backhaul and add value for our customers in this market."

The Thaicom NITRO30 and NITRO100 cellular backhaul optimizers enhance IP traffic over Radio Access Networks (RAN) for improved service quality and boost network performance of 4G/LTE cellular networks and increase throughput by up to 50 percent depending on traffic. The solution helps Mobile Network Operators (MNOs) gain from bandwidth usage efficiency and reduced backhaul costs by a significant margin.

Thanks to the software based design of the NITRO30 and NITRO100, the units can be integrated into 3rd party modems as a virtual machine. The NITRO100 offers up to 100Mbps download and 20Mbps upload speeds—while the NITRO30 enables download speeds up to 30Mbps and 10Mbps upload.

"Our customers will appreciate the fact that our RAN Optimization technology drastically improves service quality of their cellular networks. We are now capable of providing an integrated end-to-end cellular backhaul solution that reduces the cost of installation and operation of cellular networks for MNOs considerably. This in turn supports our customers' mission to expand their business into new markets, launch new services, as well as increase revenue and improve the user experience," said **Dr. Sakon Kittivatcharapong, Senior Vice President Marketing and Business Development, Thaicom Public Company Limited.**

The Thaicom RAN optimization solution is fully interoperable with major cellular network operators and satellite hubs. Its future-proof, scalable, and flexible platform makes it ideal for networks of any size and location. The plug-in design capability of the RAN solution enables seamless integration into existing networks or new 4G/LTE satellite backhaul systems.

The NITRO30 is available now, while the NITRO100 will be available in Q3 2017.

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PR CONTACT: PR-007/2560

Corporate Communications

Sujittra Yingpoemmongkol 0-2596-5060 Ext. 8493, 0990-045-045 sujittray@thaicom.net
Kanthamanee Maneepark 0-2596-5060 Ext. 8407, 08-1346-5252 kanthamaneem@thaicom.net

Thaicom Public Company Limited
63/21 Rattanathibet Road, Nonthaburi, 11000
Website: www.thaicom.net, www.ipstar.com

About THAICOM

THAICOM Public Company Limited, a leading Asian satellite operator, was established in 1991. The Company was the first to launch a broadband satellite in the world, and is a leader in developing integrated solutions for satellite broadband and broadcast services. The Company's engineering teams provide leading-edge innovative solutions for satellite-based telecommunications services. Since its establishment the Company has launched eight satellites, with five satellites in operation: THAICOM 4 (IPSTAR) provides a variety of broadband and data services, including cellular backhaul, mobility, government USO support, content delivery, business continuity and emergency services in thirteen countries in Asia Pacific.

THAICOM 6 is to expand the Company's broadcast carrying capacity in SE Asia and Africa (by the name "AFRICOM 1") and is collocated with THAICOM 5 at 78.5 degrees East; the satellites board a combined 700 TV channels both in SD and HD formats. THAICOM 7 was launched in September 2014 to provide media & data services for Asia's and Australasia's entertainment and telecom industries at 120 degrees East. THAICOM 8 was launched in May 2016 to expand Thaicom's servicing capacity and footprint in the region. Thaicom is traded on the Stock Exchange of Thailand (SET) under the trade symbol "THCOM".

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