VITEC and Oceus Networks Demo Live "Plug-and-Stream" Adaptive Bit Rate Mobile Solution at 2012 NAB Show

VITEC shows live how Optibase Mobile Solution Suite integrates with Oceus Networks broadband "Network-in-a-Box" platform for adaptive bit rate mobile video streaming. Portable, highly-compact systems are shown to be optimal for rapid deployment of high quality, dynamic, mobile encoding/streaming for field applications.

LAS VEGAS (April 10, 2012) – VITEC, a worldwide leader in advanced digital video solutions, is showcasing the VITEC Optibase Mobile Solution Suite, highlighting the new MGTS-Prism Transcoder blade for the MGWx100 carrier grade platform. The solution is leveraging mobile networks provided by Oceus Networks, a leading provider of broadband solutions to government and industry because of *Xiphos*™, its first-to-market proven (4G) Long Term Evolution (LTE) family of fully interoperable solutions that enable secure high-speed, high-capacity, voice, video and data transmissions.

Intelligence, Surveillance, and Reconnaissance (ISR) missions are demanding in that they often require the support of commercial mobile devices. This must be done over a private mobile network due to security, sparseness of service in remote locations, high-traffic concerns, or compromised public infrastructure.

VITEC Mobile Streaming Solutions encodes and transcodes content to multiple streaming protocols including Apple HTTP Live Streaming (HLS), Adobe RTMP, Microsoft Smooth Streaming, 3GPP and more, with adaptive bit rates to optimize picture quality for every device and any bandwidth constraints.

"We are pleased to be showing compatibility with Oceus Networks' "Network in a Box" solutions as this is typical of our common customers' need to stream secure video at high speeds with high quality of service" said Eli Garten, vice president product management at VITEC. "Together, VITEC and Oceus are demonstrating encoding, streaming, and full interoperability with standards-based cellular clients."

"The VITEC Optibase Mobile Solution Suite aligned with Oceus' "Network in a Box" solutions is an impressive solution for Department of Defense, FEMA, and other segments of the US federal government that require live or on-demand video processing and distribution," said Cal Shintani, Chief Growth Officer at Oceus Networks. "The VITEC Optibase Mobile Solution Suite easily interfaces with our mobile cellular broadband networks by presenting high-quality, encoded transport streams to our 4G LTE network."

Together, the products create a deployable system that provides mission-critical adaptive mobile video distribution for battlefield situational awareness, emergency-response, and other extreme applications requiring full support of smart devices.

The VITEC Optibase Mobile Solution Suite features:
- Application–specific mobile solutions for Service Providers, Enterprise and Military
- "MPEG-to-Any" Real-time Transcoding to all IPTV and TT formats and containers
- Apple HTTP Live Streaming, Microsoft Smooth Streaming, Adobe Flash, 3GPP, H.264
- Adaptive-bit rate streaming – up to ten HD/SD profiles from a single blade
- Fully integrated with Optibase EZ TV with and Optibase FITIS FMV platforms

The Oceus Networks "Network in a Box" Platform provides:

- Full 4G LTE network including user authentication and mobility
- Full 4G LTEmacro eNode B with 60w per carrier
- Nearly unlimited coverage when used in a network of systems
- Support for up to 'no practical limit' of subscribers
- Up to a thousand concurrent user sessions per system
- Frequency bands including 700, 800, 17/2100/1800, 1900, 2100, 2600, TD 2300
- Multi-frequency support with up to four different frequency bands per system
- Indoor and outdoor ruggedized configurations
- Enhanced Quality of Service (QoS) features which enable prioritization of real-time sensitive data transmission for mission critical applications, including situational awareness, video streaming and VoIP

See these and other exciting products at the VITEC NAB booth # SL5915.

About VITEC

Since 1988, VITEC has been a worldwide leading provider of powerful digital video products that support end-to-end media solutions for Broadcast, Corporate, Education, Government, Industrial, Medical, Military, and Telco customers. By integrating world famous brands including Optibase, Focus, Proxsys, Monisys, Stradis, Extensor, and Sylon, VITEC now controls the complete video chain with professional-grade products for acquisition, encoding, processing, management, and delivery. With approximately one hundred R&D engineers specializing in digital video, VITEC offers innovative and cost effective hardware and software, advanced technology research, and custom product designs for world-class OEM's. VITEC is headquartered in Paris, France, with worldwide R&D, Sales, and System Integration offices. For further information, please visit **www.vitecmm.com**.

About Oceus Networks

Oceus Networks Inc. provides broadband solutions to governments and industry that enable them to deliver high-speed voice, video and data communications. The company delivers open, standards-based mobile and fixed network infrastructure as well as an extensive portfolio of public sector-focused solutions to simplify and expedite the deployment of wired and wireless broadband communications solutions. Oceus Networks is a U.S. company with headquarters in Reston, Virginia, with labs in Reston and Plano, Texas. To learn more, visit **www.oceusnetworks.com**.

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