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BK Ultrasound, Powered by Analogic, Enters Emergency Medicine Market

The bk3000 System - A New Level of Performance in Emergency Medicine Ultrasound

PEABODY, Mass., Oct. 28, 2014 (GLOBE NEWSWIRE) -- [Analogic Corporation](#) (Nasdaq:ALOG), enabling the world's medical imaging and aviation security technology, demonstrated its new bk3000™ ultrasound system at the American College of Emergency Physicians (ACEP) Scientific Assembly, October 27-30, in Chicago. The new system will allow the flagship BK Ultrasound brand, powered by Analogic, to enter the demanding and fast growing market of Emergency Medicine, as a result of superb Ultra High Resolution imaging and Doppler capabilities enabled by TriCore™ architecture.

"By bringing Analogic's world renowned technology to BK Ultrasound, the recognized leader in ultrasound guided urological and surgical procedures, we introduced the most powerful and portable deep imaging system available to trauma and emergency medicine departments around the world," said Jim Green, president and chief executive officer of Analogic. "As ever-increasing medical challenges enter emergency departments, we responded to the increasing need for accelerated triage, diagnostics and treatments, with technologies we pioneered and today deliver to leading institutions around the world."

"The new system's architecture is based on graphic processing units, or GPUs, which are significantly more powerful and efficient compared to conventional CPU-based architectures," Green continued. "The result is an ultrasound platform with an accelerated beam forming and computing pipeline for quick, confident assessments of anatomy and physiology during exams. The new bk3000 offers lower cost of ownership and long-term value, while addressing the industry's growing clinical needs, and is the basis of BK Ultrasound's next generation family of systems targeting both existing and new guidance and general diagnostic imaging markets."

TriCore architecture is the combination of breakthrough technologies that enables the bk3000 to deliver a new level of imaging and performance. Specifically, the Ultra High Resolution imaging and Doppler improvements allow for more consistent visualization of subtle tissue contrast differences and excellent border definition, while simultaneously improving the ability to see small structures. There is more information at depth as well as increased frame rates for improved visualization of moving structures.

Featuring advanced transducer technology, the bk3000 is available with a comprehensive family of transducers. The advanced technology will also enable the new platform to offer increased sensitivity and efficiency with improved imaging access across a wide range of body types for guided and diagnostic procedures.

"We believe the extraordinary image quality and processing speed of the bk3000 will help emergency medicine physicians work faster in a trauma situation," Green added. "The combination of superb image quality, extreme speed and advanced transducer technology will help emergency medicine physicians perform FAST and FATE exams quickly with great confidence and potentially improve patient care and satisfaction."

Visit [bkultrasound.com](#) or [poweredbyanalogic.com](#) for more information on the premium bk3000 or to connect with your local sales professional.

About Analogic

Analogic (Nasdaq:ALOG) provides leading-edge healthcare and security technology solutions to advance the practice of medicine and save lives. We are recognized around the world for advanced imaging and real-time guidance technologies used for disease diagnosis and treatment as well as for automated threat detection. Our market-leading ultrasound systems, led by our flagship BK Ultrasound brand, used in procedure-driven markets such as urology, surgery, and point-of-care, are sold to clinical practitioners around the world. Our advanced imaging technologies are also used in computed tomography (CT), magnetic resonance imaging (MRI) and digital mammography systems, as well as automated threat detection systems for aviation security. Our imaging technology can be found in over half of the CT and MRI systems installed worldwide. Analogic is headquartered just north of Boston, Massachusetts. For more information, visit [www.analogic.com](#).

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