
PRESS INFORMATION
For Immediate Release!

DynaPel Systems, Inc.

*380 Lexington Ave., Suite 4500
New York, NY 10168-1495, USA*

Equator and DynaPel Provide Solutions that Speed Development of Smart Video Cameras

- Image steadying software libraries available for Equator's BSP™-15 Tetra Hardware Platform -

New York / Campbell, October 14, 2002. DynaPel Systems, Inc., a provider of advanced video algorithms for the security and broadcast industry and Equator Technologies Inc., a leading provider of high-performance, programmable and power-efficient system-on-a-chip processors for video streaming and image processing applications, today announced a strategic relationship to provide advanced video processing software libraries to smart-camera manufacturers. These libraries enable a new generation of self-steadying smart video cameras. The same software can also be used to build plug-n-play accessory products that improve the video quality of cameras already in use.

With this joint solution, DynaPel's self-steadying software will run on Equator's BSP™ family of processors. The flagship chip in the series, the BSP-15 processor is a high-performance, programmable, power-efficient system-on-a-chip processor designed for video streaming and image processing applications. At 400 MHz, a single BSP-15 processor delivers up to 40 GOPS of image processing power, providing ample performance for video compression as well as other real-time intelligent video processing.

DynaPel's image steadying software is designed to remove camera shake from video at various frequencies. Camera shake in mounted cameras can result from a variety of external factors such as wind, airflow from air-conditioning systems or building sway. It can also result from spring bounce in vehicles, or operator motion. Once camera shake is removed, better video compression or image detection algorithms can be applied. This image steadying function is invaluable to nearly all mounted cameras as well as mobile video cameras. Coupled with the ultra-slim Tetra™ hardware platform from Equator, the joint solution provides a high-performance platform for cameras that produce extraordinary image quality.

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“We have found the Equator BSP Tetra hardware platform to be an ideal base for our image steadying software. Our joint solution with Equator has the competitiveness, the price point and the form factor that are ideal for smart cameras,” said Dieter Kondek, CEO, DynaPel Systems, Inc.

“We are pleased to offer our customers a way to add feature differentiation to their products, so that they can pass the additional value on to their end users,” said Dr. Avi Katz, president and CEO of Equator. “The combination of DynaPel’s unique and advanced algorithms, in conjunction with Equator’s processing power, opens up a new world of possibilities for security applications.”

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About Equator Technologies, Inc.

Equator Technologies is a leading provider of high performance, programmable, power efficient System-on-a-chip processors designed for video streaming and image processing applications across a wide range of consumer and enterprise end markets. Equator offers the BSP family of Broadband Signal Processor chips, the iMMediaTools® software development toolkit, media libraries, and reference platforms for development and deployment of video streaming and video processing systems. With more than 150 customers worldwide, Equator provides solutions to the digital media, digital video communications, video security and surveillance, digital imaging, and automotive video markets. Based on a high-performance VLIW core and optimized for video processing, the BSP-15 family of chips delivers up to 40 GOPS of video processing power.

Utilizing Equator's optimizing compiler technology; BSP-15 chips are 100% programmable in C/C++, enabling rapid deployment and field upgradeability of new applications and devices. A software programmable BSP-15 chip can replace multiple fixed-function ASICs, thereby reducing both complexity and cost of system designs. Winner of the "2001 Fabless Semiconductor Association Best Financial Performer - Private Company" award and picked by Cahners Research as the top private company on the list of 30 best small electronics companies, Equator is a recognized leader in video processing solutions. Founded in 1996, Equator is a privately held company headquartered in Campbell, Calif., with additional offices worldwide. More information about Equator is available at www.equator.com.

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About DynaPel

DynaPel Systems, Inc. develops advanced video products for the security and broadcast industries. Building on fifty man-years of research and numerous patents in digital video motion analysis and control, DynaPel's scientists combine video stabilization, advanced crypto and object tracking to MPEG-4 to yield industry-leading solutions.

The company's think tank, DynaPel Laboratories, is based in Munich/Germany and consists of a technical team of engineers and scientists who are expert in digital video, motion estimation and MPEG-4 video compression. The company has engineering and sales offices in Munich, New York and Boston and has established a network of distributors, system integrators, dealers and OEM's.

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