PRESS RELEASE

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Polhemus Unveils G^4™, The 6-Degree-Of-Freedom Tracker That Boasts Wireless Communication, Packs a Powerful Performance and Fits in Your Pocket

COLCHESTER, VT (July 22, 2010)---Polhemus is raising the bar in wireless 6 Degree-Of-Freedom motion tracking technology by launching G^4—the next generation of AC electromagnetic technology. With superior performance, wireless communication, scalability and a compact design, G^4 creates new possibilities in the area of motion capture, to include research and technology, military applications, and the health care field.

G^4 touts the power of larger, more expensive systems, yet is significantly smaller in size. Capable of being belt-worn, the sleek electronics unit is the size of most mobile phones. Armed with sensors operating at 120 Hz, G^4's hub calculates each sensor's position and orientation, and then wirelessly reports the information directly to the PC. The operation is seamless.

Polhemus President and CEO, Al Rodgers, is enthusiastic about G^4's possibilities, saying "Polhemus has always been known for the speed and accuracy that only comes with AC electromagnetic technology. But this level of performance, coupled with wireless communication, portability, and scalable features, makes this product perfect for applications which demand superior performance, yet require versatility. G^4 opens new doors for usability."

G^4's compact design packs many powerful *and* practical features--offering complete freedom of movement, without cumbersome tether cables. Update rates are maintained; delivering consistent, high-quality data with zero drift characteristics and no line-of-sight occlusions. Incorporating state-of-the-art Digital Signal Processor (DSP) electronics, in concert with AC magnetics, allows data stability, high resolution and amazing speed to be achieved—impressive features for a tracker that fits in the palm of your hand.

One of the most impressive features of G^4 is its scalability. As the user's application needs evolve or expand, they can continue to tap G^4's full capabilities. Users can increase coverage or track additional objects or individuals by adding simple components. This kind of adaptability makes the already reasonably priced G^4 an exceptional value for the long-term, and pushes the limits of motion tracking technology.

G^4 is easy-to-use and all-inclusive, containing all the necessary processing hardware. A rechargeable lithium-ion battery, boasting 10+ hours of battery life, means less down-time and more efficiency with the application. You don't have to be an expert in tracking technology to use G^4.

According to Rodgers, "G^4 reinforces the focus we have on providing our customers with the newest and most advanced tracking solutions. Polhemus continues its 40-year commitment of making tomorrow's state-of-the-art technology available today."

The much anticipated G^4 makes its debut at Siggraph 2010, in Los Angeles. G^4 will cater to varied applications, ranging from: general motion capture, biomechanics, sports performance analysis, training simulators, gait analysis and virtual reality.

About Polhemus

Headquartered in Colchester, Vermont, Polhemus is the premier motion measurement technology company. They have been helping customers break new ground with best-in-class 6DOF tracking systems for 40 years. Polhemus products are widely used in such areas as medical applications, university research, military training and simulation, and computer-aided design.

Contact the sales department directly at sales@polhemus.com or call **1-800-357-4777** toll free in US/Canada. For countries outside the US, call **1-802-655-3159**. For more information, visit: www.polhemus.com

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