

## **G<sup>4</sup>--Wireless Motion Tracker Reported to Have Seamless System Integration, in Addition to High Performance**

*“G<sup>4</sup> is really remarkable, in front of any other device that we experienced until now. It’s really a great product that definitely surpasses all others in its class.”*

*Roberto Furlan, Managing Director, Khymeia*

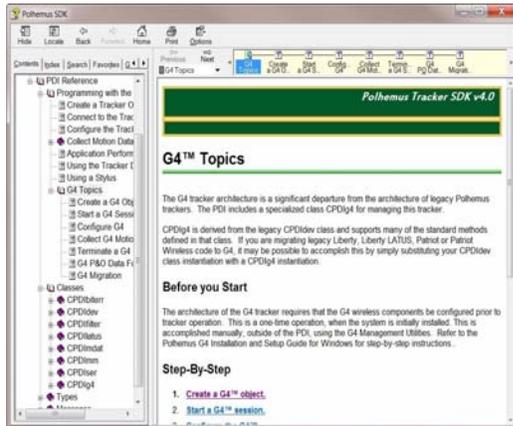


When it comes to selecting a motion tracking product, choosing the right kind of technology is critical, and dependent on the specific application. Evaluating the right product within that realm of technology is the next step. But significant consideration should be given regarding the complexity of the system set up and the integration process.

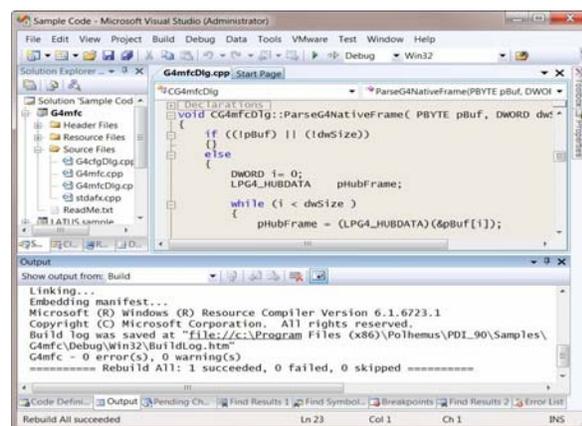
With the recent release of the latest 6 DOF (Degrees of Freedom) Wireless Motion Tracker from Polhemus, G<sup>4</sup>™ is getting rave reviews in terms of functionality--and has been described as best-in-class, based on performance alone. But it’s also getting a significant nod for its quick set up, user friendly design, and ease of system integration.

Roberto Furlan, Managing Director from Khymeia Group, reported that upon receiving the latest wireless motion tracker, G<sup>4</sup>, a seamless implementation was achieved and the product was easier to use than any similar product he had tried before. According to Furlan, G<sup>4</sup> exhibited superior qualities compared to other trackers, and he added, “Total implementation of the G<sup>4</sup> system required less than two working days,--and it works great with our software.” In the world of software integration, this is considered an extremely fast integration phase.

Ease of implementation for G<sup>4</sup> can be attributed to a few factors. Historically, much time and consideration has gone into the development of the SDK (Software Development Kit) for all Polhemus motion trackers, including flagship products, such as LIBERTY™, PATRIOT™, and FASTRAK®. With each motion tracker that has been introduced, there is continuity with software design, and the same basic interface exists for all Polhemus trackers.



*The (SDK) Software Development Kit for G<sup>4</sup> is a thorough reference guide*



*Examples of sample code are provided within the SDK*

Users benefit from the knowledge that comes from over 40 years of industry experience in creating a user-friendly integration process. Polhemus is reputed to have an SDK that's very user-friendly and the G<sup>4</sup> is consistent with this, providing the developer all the necessary tools, including clearly documented information and comprehensive code samples.

The manual that accompanies G<sup>4</sup> serves as a thorough and detailed guide to refer to as the user is walked through the simple screen prompts. Also, because of the nature of Polhemus proprietary electromagnetic technology, installation does not require elaborate equipment and the actual set up of G<sup>4</sup> takes only minutes.

Current users of Polhemus motion trackers will appreciate that the SDK for G<sup>4</sup> allows the user to migrate to G<sup>4</sup> fairly easily. Great time and consideration went into the SDK, with the realization that some with current Polhemus systems would want to transition to G<sup>4</sup> upon its release.

“The SDK is full of great examples. It's well designed, so it's very clear about what you need to do in your code,” according to a Principal Software Engineer at Polhemus.



Khymeia Group is located in Padova, Italy, and has been a long-time partner with Polhemus as an OEM since 2001. They have strong industry knowledge and are well aware of competing technologies, as well as the value of seamless, timely system integration.

Furlan was enthusiastic, saying “G<sup>4</sup> is really remarkable, in front of any other device that we experienced until now. It's really a great product that definitely surpasses all others in its class.”