



# PhoeniX Technologies Incorporated



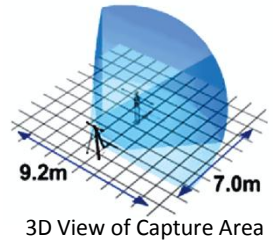
## High Performance Real-Time 3D Motion Capture Systems For Professionals



Phoenix Technologies manufactures the world first wide-angle high accuracy active optical motion capture systems with **distributed tactile feedback**. Developed to provide professional motion capture solutions to scientific and research sectors, the VZ4000v and VZ4050 trackers break new grounds.

**90° Angle Capture**

With the largest viewing angle on the market, one **single** tracker can capture 3D coordinates **over a 9x7 m space**.



**Automatic Calibration**

The only system to offer **automatic calibration** for multiple-tracker system. No user action required, start capturing out-of-the-box.

**Tactile Feedback**

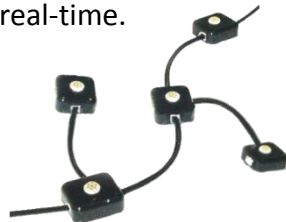
Revolutionary tactile feedback function lets you send stimuli to any specific part of a subject, **prompt motions on demand, alert your subject(s) of motion deviation, provide virtual touch feedback ...**

**No Marker Errors**

Each marker has **one unique ID** and is tracked flawlessly by the system. Marker id swap errors cannot occur. Captured data is reliable even **in real-time**.



Precision LED Markers



Octopus Markers



Wireless Markers



Wireless Tactile Markers

PTI systems come with **motion analysis software** and are ideal for Biomechanics, Rehabilitation, Exercise Sciences, etc.

Trackers feature **<0.5 mm RMS** accuracy and can detect a change of position of 0.015 mm at 1.2m

Plug-ins are available for Matlab, Labview, Visual3D..., data can be analyzed / visualized **in real-time**.

PTI systems can be easily **synchronized** with external equipment: force plates, EMG, HMD, Eye Tracking...