

## IndoTraq™

### *Wireless motion tracking to the nearest millimeter*

IndoTraq builds tracking technology and solutions that monitor precise movement, acceleration and rotation in three dimensions which in turn generates actionable information and insight, giving companies unprecedented visibility into their businesses, develop new products and enter into new markets.

IndoTraq has developed the fastest and most precise wireless motion tracking system. It has a precision of +/- 5 mm with a range of 100m indoors through walls and an outdoor range of up to 200m; all while updating at a rate of 150 times per second.

A host of commercial applications in many verticals can leverage this technology

### **Benefits:**

- Extremely precise positioning (< 5 mm)
- 150Hz Update rate / Minimum latency (6 ms)
- Small cost effective device (1" x 1")
- Portable, Cost Effective, Auto Configuration
- Tracks rotation and absolute position
- Works where GPS can't, Patented
- Location based analytics
- Allows for the development of new products and services based upon extremely precise positioning and high data speeds



### **Applications:** (partial list)

- Virtual Reality / Augmented Reality
  - Full immersion, walk around freely
  - Training simulations – Military, Medical, High risk activities
- Consumer Engagement
  - Virtual Shopping / Showrooms / Tours / Live Events / Advertising
- Digital Entertainment and Production
  - Motion capture and capture; Automation of lighting and cameras
- Athlete Wearable tracking and Analytics Technology
  - Training simulation and analysis
  - Track player performance, health and safety
- Autonomous Drones / Robotics
  - Automation using high precise 3D positioning
- Wearable's
  - Activity tracker; Wearable Monitoring – Medical / Safety
- Motion / position based analytics
  - Generate actionable information and insight
  - Motion / Pattern based analytics



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