A RANGE OF LOCATION BASED VR PRODUCTS BY VICON
Origin is inspired by and built for the expansive Location Based VR (LBVR) market.

The three new hardware products and software platform from Vicon make fully immersive and interactive entertainment experiences easier than ever to create.
Explore new realities.

Define a new era in motion tracking.

The new Viper is the most powerful motion tracking camera for the VR industry. Designed to work with active marker technology, Viper is engineered with the flexibility to track any space, enabling endless creativity for your location-based entertainment.

Challenge your beliefs

Boasting incredible speed and field of view, Viper offers unrivaled tracking capability.

Change your idea of what motion capture can bring to LBVR by deploying Viper in any environment, either alone or connected to your existing Vicon system. You are only seconds away from letting your imagination take off.

Active Cluster Tracking

Each participant is identified and tracked with Origin’s fully customizable, cluster tracking.

Compact

Compact and lightweight for limitless use.

Tracking LED

AutoHeal technology for unbreakable tracking.
Scalable volume tracking.

High performing LED markers create fully immersive experiences.

Pulsar is Vicon’s new active marker tracking cluster. With adaptive, automated and customizable active strobing LED patterns, you can track any type of movement across numerous participants. Compact and lightweight, Pulsars are easily connected for multi-person full-body tracking in any environment.

**Wearable**

The state-of-the-art design of Pulsar allows wireless tracking of participants with automatic identification, full synchronization and an impressive battery life.

Empower your LBVR experiences with Origin to push boundaries without compromising ease of use.

**Wearable Active Clusters**

Clusters can be attached to each participant effortlessly.

**Adaptive Patterns**

Pulsar’s adaptive patterns make any project possible.

**Lightweight**

Unique, lightweight body and mounted tracking sensors.
Packed with power.

Create a synchronized, seamless wireless network.

With simple plug and play technology, Beacon suits any scale of project, creating a synchronized wireless network with lightning fast throughput and low latency.

When paired with Viper and Pulsar, the package creates Origin, a new dawn in LBVR from the leaders in mocap technology.
Evoke, the software package designed for Origin, brings together the best of Vicon tech to create unrivalled full body immersive experiences.

The highly automated software platform offers real-time unbreakable tracking to allow you to focus on the results.

For the most natural and fluid user experience, our accurate movement and positional tracking works seamlessly with the virtual world.

Realise your potential
We are here to help you make the most of the Origin kit.

Unbreakable Tracking
For a totally immersive and seamless experience.

Characters from Clusters
Unlimited full body movement tracking creates recognisable characters.

System AutoHeal
Evoke automatically repairs camera calibration with active data to reduce intervention.
A new world awaits. Contact us to find out more.

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