Message from the CEO

VirtualBeam® Incorporated is a leader in building advanced software technologies that improve quality of life. Using unique and disruptive algorithms, our technology enables clients and end-users to recognize a wide range of human activities, and to detect human associations with points of interest. The Company operates in Silicon Valley. Our business covers the entire range of the wearable market.

The most advanced technology to date in this area, the VirtualBeam® systems software was developed and designed in-house, by a team of dedicated scientists, mathematicians and engineers, using algorithms that will take years for our competitors to develop.

Our mission is to help our corporate clients introduce the cutting-edge technology to their product line, ranging from basic systems to Android, Windows or iOS. The technology is reliable, accurate, and fast. It has a small footprint in terms of the hardware resources it consumes and is uniquely capable of processing data on the device.

In a dynamic and changing world where users demand increasingly more savvy applications to serve them daily, the wearable and mobile market has a lot of catching up to do. Our leading software will empower clients to meet new market demands for more sophisticated wearables and devices.

The VirtualBeam® product team pursues a pioneering role in creating knowledge-based value and service to corporate clients, while always adhering to the highest standards of professionalism.

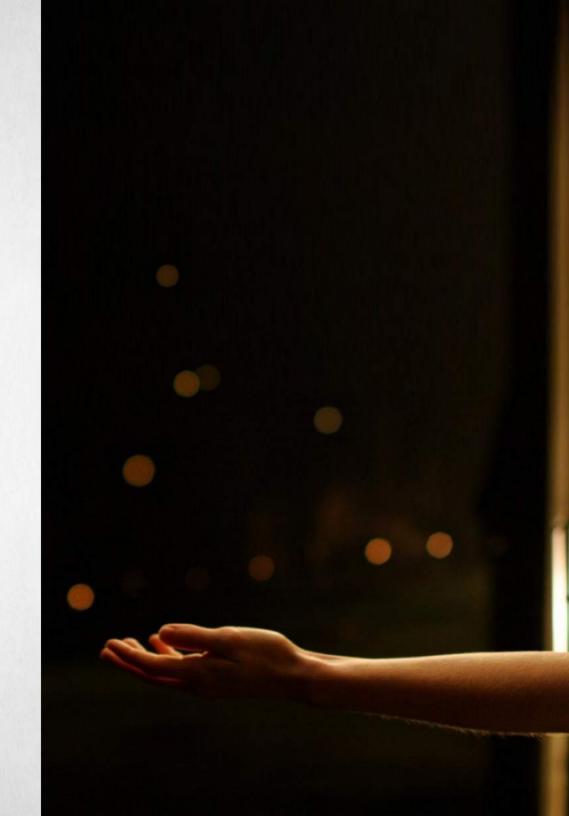We look forward to your partnership and continued support.

CEO
Masoud Kamali

Company

Launched as a Delaware corporation and operating in San Francisco, California since 2011, VirtualBeam® is led by a core management team and group of engineers, scientists and mathematicians.

Our team has designed and developed advanced human activity recognition and sleep analysis software, among others, for the Internet of Smart Things.

Our investment portfolio is modest relative to the great achievements we have made. The Company is supported by a small group of private investors.

Technology

VirtualBeam® has developed new methods and algorithms* that allow its smart software engine, the trademark e | motion™ technology, to run direct on the device, for the first time, to reduce the overhead that leading technology companies face daily in the transfer and processing of data. Our resource-efficient, unconventional and novel software algorithms speedily process data, and recognize a wide range of human activities, sleep patterns, providing the most accurate and granular human activity recognition technology.

Our medical-grade VB-ActiGraph™ measures core human activities without the need for server consultation or remote data processing. As an added bonus, the software detects human association with points or objects of interest. VirtualBeam® is developing technologies and products around the rich set of software components it has developed for the Internet of Things and applications of smart mobile devices. VirtualBeam® software engines are available for licensing for Apple iOS, Microsoft Windows, Gooogle Android and for simpler devices with no operating system.
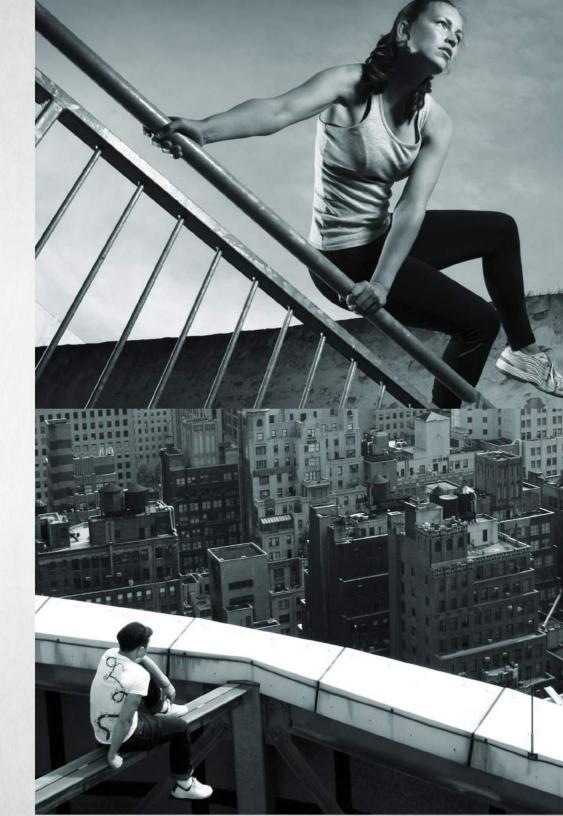
*Patent Pending

e | motion™

Clients

Led by innovators with a deep vision of how motion, environmental, and advancements in medical sensor technologies will revolutionize our world, the VirtualBeam® team aims to turn our cutting edge technology into new businesses within larger companies and startups.

Our advanced systems software will revolutionize the wearables and mobile device market by adapting and running on multiple objects we wear and special purpose devices in the professional fields. The software platform allows mobile devices to interact with one another comfortably and intuitively. Customers can increase their bargaining power with their suppliers by our software's ability to adapt to different sensor types, operating systems and hardware. We build strong partnerships to offer our technology to interested parties.

Products

The e | motion™ technology runs on two engines, the motion and emotion engines, to offer clients a wide array of product options and applications that respectively monitor human activity, and social, spatial and behavioral patterns. The engines can run independently or be combined.

Our current product-line* runs on the mobile device directly as a software layer, or remotely on our server and made accessible through our cloud service, and includes:

TOURING 2.0
Motion software engine gives a device the ability to recognize human activities and sleep patterns.

VB-DAE
Emotion software engine builds around a distributed memory structure with algorithms that model and analyze associations and patterns of interest.

VB-SAM
Sleep Analytics Module is a software component that monitors and reports on sleep patterns, and creates VB-ActiGraphs™.

VB-HAR
The e | motion™ engines running as subscription-based services to help clients develop hundreds if not thousands of new applications based on our unique software algorithms.

VB-Cloud SPI
A Cloud Services Programming Interface that provides a mobile device with IoT and other support and infrastructure services, such as registration, data sharing, and storage.

*Patent Pending

VirtualBeam

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