



*The infinite possibilities of the infinitely small™*

## PRESS RELEASE

**MEMS Vision Announces its Participation in the Sixth Global Pharmaceutical Industry Exhibition, alongside Tian'An.**

*An opportunity to see firsthand MEMS Vision's portfolio of MEMS-based sensors and integrated solutions.*

**June 12, 2014:** MEMS Vision International Inc., in collaboration with Tian'An, China, will showcase its portfolio of MEMS-based sensors and solutions at the [Sixth Global Pharmaceutical Industry \(GPHI\) Exhibition](#) in Shanghai, China, June 18 - 20, 2014.



Tian'An relies on the excellent performance of MEMS Vision's [Relative Humidity & Temperature sensors](#) in developing its advanced wireless solutions for pharmaceutical cold chain logistics as well as for food safety monitoring.



“Due to the critical nature of these applications, the reliability of such solutions cannot be compromised,” said Hatem Elgamal, Marketing & Sales Manager of MEMS Vision. “The sensing component being the center of such solutions, only the best performing and the most reliable sensors on the market can be called upon.”

The [MVH3000D family](#) of Relative Humidity & Temperature sensors offers our customers, in one package, a combination of benefits unparalleled in today's market. These sensors are the first of a pipeline based on [MoSiC™](#), MEMS-Vision's advanced, proprietary manufacturing and packaging platform. MoSiC™ enables the fabrication of micro-sensors with mechanical properties superior to conventional silicon-based ones, with unmatched accuracies, reliability, durability and extended battery lifetimes - all at lower price points than existing processes.

The MVH3000D family covers a range of relative humidity accuracies starting at  $\pm 3.8\%$  and extending all the way to an unmatched  $\pm 1.5\%$ . Equally impressive is the temperature accuracy of  $\pm 0.2^\circ\text{C}$  guaranteed over a wide range from  $-10^\circ\text{C}$  to  $+80^\circ\text{C}$ . An [evaluation kit](#) is currently available to assess the high performance MVH3000D series, and can be ordered online.

Increasing demand for mobility in today's equipment is shifting many devices to battery operation. This translates into a crucial need for reducing the power consumption of components going into these devices. Here again, our customers benefit from an extremely low 2  $\mu$ W power consumption for one relative humidity and temperature measurement per second (1.8V, 8-bit resolution), significantly extending the battery lifetime compared to other sensors. In addition, the wide operating supply voltage range (1.8 - 5.5V) means higher adaptability to the requirements of customers.

Proprietary use of Silicon Carbide (SiC) to build these miniature 2.4 x 3.0 x 0.8 mm sensors ensures their robustness and capacity to withstand challenging operating conditions. The sensors also feature grounded metallic shields, providing them with the highest electromagnetic interference protection in the market.

The versatility and quality of this product line positions MEMS Vision as an industry leader in relative humidity and temperature sensing, and makes it the ideal partner for a wide range of [applications and markets](#), such as consumer electronics, wearables, health & fitness, industrial, building automation, appliances, automotive and wireless sensing - the Internet of Things (IoT).

**Venue Information:** The [Sixth Global Pharmaceutical Industry \(GPHI\) Exhibition](#) will take place at the Shanghai World Exhibition Center in Shanghai, China, June 18-20, 2014.

More information can be found at [www.mems-vision.com](http://www.mems-vision.com)

## **ABOUT TIAN'AN**

Tian'An Ltd. is a high-tech enterprise specialized in the detection and monitoring of food safety, food and pharmaceutical cold chain logistics and services related to industrial development. Thanks to recent acquisitions and integration, the company now has its own dedicated R&D division, and offers outstanding cold chain temperature detection solutions. With 120 employees and offices in Heilongjiang, Guizhou, Shanghai, Guangzhou, Gansu, Yunnan and Shenzhen, Tian'An has become a true market leader.

## ABOUT MEMS VISION

MEMS Vision Inc. is a leading semiconductor, sensors, and MEMS company that provides cutting-edge miniaturization solutions to the sensing and high performance electronics markets. The company capitalizes on a team of highly qualified personnel, on a solid and broad portfolio of patents and intellectual property on MEMS and ASICs, and on its revolutionary [MoSiC™ platform technology](#), to offer a range of environmental sensing products and advanced MEMS-based solutions.

Contact: [www.mems-vision.com/contact-us](http://www.mems-vision.com/contact-us)