

## **PRESS RELEASE**

*For Immediate Release*

### **MultiVision Launches Standalone Image Processing System Featuring Patent Pending Technologies at ASIS 2004, Booth 1115**

27 September 2004 – MultiVision Intelligent Surveillance Limited (“MultiVision”), a leading provider of digital video surveillance systems and solutions, has developed a standalone system which features four new technologies that will bring better picture quality and auto-alarm triggering capabilities to end users.

#### *Enhanced Motion Detection*

MultiVision has enhanced our motion detection application with directional and object size motion sensing capabilities. A typical motion detection application will trigger an alarm when motion is detected at the specified areas. This improved motion detection application extends to detect specific directional movements. This is especially useful at places such as train stations’ entry and exit gantry points where passengers may illegally jump over the fences/ gates and at supermarkets. The image size selection option is built to allow end users select the size of the object they want to be alerted of entering the guarded territories. This helps reduce false alarms which are unnecessarily triggered by cats and dogs, for example, at the unmanned sites under surveillance.

#### *Color Detection*

Alarm alert based on color changes is also made possible with this new system. The algorithm can be customised to detect objects of a certain color and trigger an alarm. Applications areas including vehicle/merchandising tracking/counting and smoke/fire detection can be executed with a reasonable degree of accuracy using the algorithm.

#### *Video Image Stabiliser*

Conventional technologies, which are used to reduce the blur effect resulted from vibrations/movements, use the center of the frame as the reference point for adjustment. MultiVision uses an eight-point approach where the images are sharpened using not just one single point but eight points within the frame as the reference. This greatly improves the quality of video images captured through zooming in from a great distance and caused by vibrating platforms and vehicles.

### *Video Enhancement*

Another enhancement feature built in the system provides backlight compensation, low light enhancement and filtering capabilities. This will correct problems caused by poor lighting conditions, such as darkened images captured due to the sun shining at the back of the subjects and those taken at night or under foggy conditions.

Integration of the above image processing techniques into digital video recorders will enhance the DVRs' capabilities in providing better monitoring and searching of recorded files.

### **About MultiVision (Reuters: MVIS.SI; Bloomberg: MVIS SP Equity)**

MultiVision was established in 1986 and is a technology-based company principally engaged in the design, development and distribution of digital video surveillance products and solutions. The company's products are adapted for use in a multitude of industries from banking to healthcare, utilities and transport. Customers come from both the private and public sectors.

MultiVision's products and solutions are marketed to distributors, OEMs of surveillance products and systems and integrators for integration into the security and surveillance systems of end users. The company's products are sold globally, but the principal markets are in the United Kingdom, Hong Kong, the People's Republic of China and Macau. In addition to the distributors in the principal markets, MultiVision has distributors in Ghana, Indonesia, Israel, Ireland, Latvia, Macau, Malaysia, the Middle East, New Zealand, Singapore, Thailand, the United Kingdom, and the United States.

The MultiVision range of digital video surveillance products offers digital video recording, real-time monitoring, distributed monitoring, remote concentration and integrated management functions. This allows users to monitor multiple locations from a central monitoring centre for all the systems connected within the network infrastructure.

For further information, see: [www.multivision.com.hk](http://www.multivision.com.hk).

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