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**For Immediate Release**

## **Sierra Monitor Awarded United States Patent for New Environment Control System**

### **Specialized Embedded Software Enables Machine to Machine Communication to Reliably Communicate Useful Monitoring Information**

**Milpitas, California – May 15, 2008** – Sierra Monitor Corporation, a Cleantech focused company that delivers information technology for environment measurement and control by developing specialized embedded software deployed on proprietary hardware platforms, announced that it has been awarded Patent Number 7,332,996 by the US Patent and Trade Office for a unique environment control system which is used by telecommunication companies' cell phone sites to monitor specific devices whose status may have an impact on the environmental condition at each cell site.

The patent covers a telephone cell site environmental control system which includes a microprocessor-based central control module that analyses various environmental conditions and issues environment management instructions for heating, ventilation and air conditioning. A key claim of the patent is the ability to monitor voltage based alarms already connected to the telephone company monitoring system. The method reduces installation costs and provides consistence of information between systems. The environment control system is designed to reduce energy consumption during normal operation and to provide extended service during power disruptions..

"We are very pleased to have been awarded this patent," said Gordon Arnold, Chairman and Chief Executive Officer. "Sierra Monitor has been an early leader in developing specialized embedded application specific software which enables intelligent environment control for remote telephone buildings. Our Intelesite product, covered by this patent, also provides a platform for further deployment of our machine to machine (M2M) protocol translation products."

## **About Sierra Monitor Corporation**

Sierra Monitor delivers information technology for environment measurement and control by developing specialized embedded software that is deployed on proprietary hardware platforms. Embedded software enables data transfer between subsystems using protocol and physical medium translation. Proprietary hardware platforms allow the Company to increase its value proposition while protecting intellectual property.

The Company's vision is to capitalize on the expanding worldwide demand for Cleantech knowledge-based products and services that improve operational performance, productivity, efficiency and safety in building automation, industrial and military applications, while reducing demands on resources and energy consumption.

Sierra Monitor's hardware platforms include original equipment modules for installation in customer devices and controllers, gateway boxes generally used by integrators for machine to machine (M2M) protocol translation, and multi-component safety systems generally focused on gas and fire detection.

By providing an intelligent interface, the Company's products enable various machines, devices, systems and people to reliably communicate useful information for the measurement and control of various environments including buildings, plants, and factories. By delivering the data on various communications levels, including Ethernet, Internet, LONworks, Profibus, and others, the Company's products make it possible for data to be accessed at more appropriate levels, such as network operations centers, control rooms or remote locations.

Sierra Monitor is an industry leader with more than 15,000 installations worldwide.