



sierra monitor corporation

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For Immediate Release

Intelesite Cell Site Facility Controller

Innovation in Remote Cell Site Facility Monitoring and Control

April 18, 2005 -- Sierra Monitor Corporation, a leader in monitor and control systems for telecommunication remote facilities, proudly announces the new **Intelesite Cell Site Facility Controller**. Intelesite is an innovation in architecture and distributed intelligence to monitor and manage telecom site critical support elements resulting in improved reliability of remote cell sites while simultaneously reducing cost of ownership.

Each cellular company faces the pressure of needing strict cost control over each of their thousands of cell sites while maintaining reliable up-time to satisfy their customers. Intelesite is an important member of the team on both counts.

Improves System Reliability

- Intelesite monitors and manages critical elements of a remote telecom site, bringing various data together to the Central Control Module and available remotely via a variety of protocols
- Intelesite provides redundant HVAC controls so that, in the event of a CCM failure, the HVAC Control Module automatically takes over for double redundant control
- Intelesite centralizes data display and management for all site support elements including HVAC, commercial power, generator, DC plant and batteries

Reduces Operating Costs

- Intelesite is designed to be a direct replacement for all makes and models of thermostat/electromechanical HVAC controllers thus reducing procurement and installation costs
- Intelesite maximizes data gathering capability while minimizing hard wiring costs, significantly reducing installation costs and maintenance costs

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- Intelesite modularity enables carriers to design site specific systems requiring only the modules needed for that site, such as fan controls, DC load shed control, generator interface, and battery interface, thus never needing to purchase more than is needed.
- Intelesite modularity enables the system to grow and the needs develop, reducing engineering and development time.

Cathy Ershen, Telecom Business Unit Manager for Sierra Monitor, states, “Intelesite was designed to maximize efficiency and minimize costs to the cell site owners. The modularity of the system is key to this plan, enabling the carrier to simply replace existing electromechanical controls with a modern microprocessor controlled system able to grow as needs change.”

“Sierra Monitor is uniquely positioned to meet the control and monitoring requirements in the remote cell facility”, says Ms. Ershen. “Sierra Monitor has over 20 years of experience in providing monitor and control solutions for outside plant structures in the telecommunications industry. Our vault monitors have been used by carriers for over 20 years and the Environment Controllers have been installed in over 90% of all CEVs put into operation during the last six years. Our monitoring skills, tied together with the intelligent building and industrial control/automation skills from our FieldServer Technologies division, results in a completely integrated package that will meet all remote facilities needs today as well as their future requirements.”

For more information about Intelesite visit our website at:

<http://www.sierramonitor.com/telco/controllers/2435.asp>.

About Sierra Monitor Corporation

Sierra Monitor Corporation has been a manufacturer of gas detection and control systems in the telecommunications industry for over 20 years. As a leader in monitors for telecommunications outside plant facilities Sierra Monitor has the range of solutions/product and service offerings necessary to provide the effective monitor/control systems needed to maintain reliability of remote sites. The Model 2400 is the most widely used gas detection system used in CEV's by major telecommunications firms. The Model 2450 Environment Controller has been installed in over 90% of all new CEV's deployed since its introduction. The FieldServer Technologies division of Sierra Monitor is the most widely used communications gateway in the building controls/automation industry. The new Intelesite takes the proven control and monitoring capabilities of Sierra Monitor plus the data communications capabilities of our FieldServer Technologies division to produce this innovation in cell site facilities control.

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