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# Press Release

## Product Announcement For IT & Data Center Managers

### **AVTECH's *Room Alert 11ER* Provides Critical Environment Monitoring Of Temperature, Humidity, Power, Flood, Smoke, IP Cameras & More**

Room Alert Delivers Immediate Alert Notification When IT Environmental Disasters Begin, Provides Real-Time Data To Staff, Can Take Automatic Action & Installs In Minutes

Newport, RI— **AVTECH Software** introduces ***Room Alert 11ER***, a hardware/software solution that allows easy remote monitoring of critical environment conditions in the computer room, data center, rack cabinet or other facility. The physical environment conditions where valuable IT equipment operates will cause serious problems if they exceed certain threshold parameters for temperature, humidity, power, flood and smoke. Room Alert 11ER monitors these conditions and more to immediately alert managers and staff, allowing an immediate response and automatic corrective action to avoid or minimize downtime and costly hardware replacement.

Environment monitoring is critically important because computer and network equipment is designed to operate effectively within a very specific range of environment conditions. Whether in a corporate data center or a small telecom room, if conditions get out of bounds, then unpredictable and potentially catastrophic results can occur to cause extreme system, application or network problems. System or network access can become reduced or unavailable. Web sites or databases disappear when a servers go offline, making it appear to the world that your organization is out of business and causing delays in service, which can create problems and a loss of revenue.

The most common environment problem in a computer room is air conditioning failure, causing high temperatures, humidity problems and even flooding. The second most common problem is loss of the main or UPS power. When environment problems occur, Room Alert immediately sensors the change in conditions and sends out alert notifications to the appropriate staff member's mobile phone, pager, PDA, email and more.

Room Alert 11ER is a 1U 19" rack mount unit that loads directly into a rack cabinet, typically in the top unit (as heat rises) and connects directly to the network via Ethernet. Four (4) attached hand twist 'Fat Screws' make installation a snap and four (4) square plug adapters are included at no charge just in case the target rack needs them. Room Alert 11ER has three standard RJ-11 ports on the front of the unit for connection of external digital temperature/humidity sensors, digital temperature sensors or eight (8) port expansion box can be connected. Room Alert external digital sensors have an aluminum housing and are about the size of the cap for a Bic stick pen with a 25' RJ-11 cable attached. Cable length can be extended using a standard phone cable and coupler up to about 100'. Temperatures are immediately available without any configuration and provide real-time values between -67° to 257° Fahrenheit or -55° to 125° Celsius, with an accuracy of + / - 0.5 degrees.

## Room Alert 11ER Provides Computer Room Environment Monitoring... (Continued)

On the back of Room Alert 11ER there are eight (8) switch sensor channels for connection of external sensors like power, flood, smoke, room entry and others. User's can also connect to non-voltage (dry) contacts on devices like air conditioners, refrigerators, freezers, alarm systems, generators, pumps and more. These switch sensors and devices can be located up to approximately 900' away and connect via standard twisted pair wiring.

Once Room Alert 11ER is plugged into the network, users can immediately monitor the environment using their favorite web browser via Room Alert's built-in web server. That's right... No PC Is Required! Users can also use their favorite monitoring software, like AVTECH Software's PageR Enterprise (a small license is bundled with Room Alert at no charge), to monitor unlimited Room Alert units network-wide via SNMP. This will significantly extend the alerting methods, add automatic corrective actions and enable network-wide monitoring.

PageR allows unlimited alerting at multiple thresholds for rising and/or falling temperature and humidity levels. This allows early warnings, notification to different people at different thresholds and for different sensors, as well as actions to be implemented at critical thresholds. Alerts can go to individuals or groups and different people or devices can be notified at different times or days of the week. Alerts can be sent to mobile phones, pagers, PDAs, email, computers, web pages & more. Alert messages can be fully customized and incorporate 'Key Words' for real-time values, date, time, and other 'live' information. Room Alert 11ER can easily be monitored via its' built-in web server, PageR Enterprise, a users favorite SNMP software or any combination of these. PageR Enterprise can additionally monitor any OS server, device or event worldwide on a network.

*"One of the first concerns of any IT manager should be monitoring the computer room environment," says AVTECH Software. "because entire organizations can be effected when computer systems fail to act properly or become unreliable. Costs can mount up quickly, becoming quite staggering for organizations that don't respond in a timely or proper manner. IT managers that understand the benefit and value of 'Prevention Monitoring', instead of relying upon a 'Recovery Plan', will quickly see how important it is to monitor the computer room environment BEFORE a catastrophe occurs."*

Room Alert 11ER is a 1U 19" rack mount model with Ethernet. It includes three (3) RJ-11 digital sensor ports, one (1) external digital temperature/humidity sensor, one (1) external digital temperature sensor, one (1) open digital sensor port, eight (8) switch sensor channels, one (1) external power sensor, seven (7) open switch sensor channels, a 10' Ethernet cable, 5v power adapter, built-in web server, PageR 10 Object Enterprise software license, *Room Alert 11E User's Guide & Reference Manual*, *Getting Started with PageR Enterprise* manual, CD installation & resource media, 12 months of Maintenance Support & Update Service, a 30 Day Money Back Guarantee and AVTECH Software's Hardware Replacement Guarantee. Additional sensors are available.

**Room Alert 11ER** is available from AVTECH Software, resellers & online at [EnvironmentMonitor.com](http://EnvironmentMonitor.com). To 'Purchase', 'Request A Quote', or 'Request Literature', call AVTECH Software at **888.220.6700** (401.847.6700 ), or visit us at [RoomAlert.com](http://RoomAlert.com) or [AVTECH.com](http://AVTECH.com).

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