



MONITOR

AVTECH News, Information & Resources for IT & Facilities Environment Monitoring

TREND: Data Loggers Take Early Retirement

Data loggers that became popular over the last decade are beginning to see a dramatic decline in sales as newer technologies automate this function. Although the need to monitor environmental conditions continues to rise, static products that require physical management are seeing a trend of early retirement. This has dramatically accelerated over the past year. The reason is simply that we live in a web world where everything is connected and automated solutions can be easily and inexpensively deployed in minutes to meet today's regulatory requirements, consolidate data, allow real-time web access, send alerts and take automatic corrective action.

Newer and more cost effective solutions like AVTECH's TemPageR and Room Alert products have been linked as a cause for the retirement of many data loggers. Apparently, people don't want to continually purchase, load and collect little printed data charts any more. Data loggers are much more expensive over time and require someone to manage them on a regular basis. Newer technologies are less expensive, easier to install, easier to manage and provide automation that saves time and labor.

New PageR v5 CD Update

AVTECH's PageR Enterprise (PageR) software remains one of the top network-wide monitoring products in use around the world, and has gained significant exposure due to the extreme popularity of our TemPageR and Room Alert products. We remain committed on a daily basis to making sure PageR is compatible with the changing needs and requirements of our networked world and data centers of all types and sizes. With this in mind, AVTECH expects to ship a new AVTECH Install & Update CD

to customers worldwide during the month of August 2008. If you're an AVTECH customer using PageR, we thank you for your loyalty and ask that you look for this CD to arrive soon. A description of new enhancements will be reviewed in the release notes. This will be the most powerful, beneficial and reliable version of PageR that we have released since its introduction on January 5th, 1998!

Monitoring Heat Index To Protect Your Workers

Heat Index (HI) monitoring has been added to all Room Alert models that monitor humidity, including AVTECH's new Signal Towers. This functionality will assist in monitoring Heat Index parameters as required by labor agreements and regulations where workers are packaging products, loading trucks, and completing other labor intensive work where body temperature can impact a workers health and safety. Maintaining an adequate Heat Index allows an organization to insure a healthy work environment for employees, protecting them from heat fatigue and helping to increase overall efficiency.

AVTECH was contacted in 2007 by Amazon.com and UPS who were both looking to better protect their employees by automating the monitoring of work environments. Heat Index represents how hot it 'feels' by mathematically combining the current temperature and relative humidity. In extreme heat conditions, the human body regulates temperature through perspiration. Heat is carried away from the body as the water in sweat evaporates. However, when the humidity is higher, the water does not evaporate as fast and causes the body temperature to feel warmer than it actually is. As a result, this increases internal body heat to cause fatigue and reduce strength. In extreme cases, working at higher Heat Index levels can cause heat stroke, cardiac arrest and even death.

AVTECH Exhibits Products Here & Around The Globe

AVTECH is pleased to remind you that we exhibit our popular 'IT & Facilities Environment Monitoring Products' at leading trade shows in the U.S.A., India, Pakistan, South Africa, Germany, Britain and elsewhere. Space does not allow us to list all of the events here. However, we'll periodically display banner ads on AVTECH.com leading you to many of the trade show events that we participate in. Read more about these trade shows online and if you attend, please be sure to stop by and meet the staff members from AVTECH and the professional resellers dedicated to serving you.

AVTECH Sponsors Rhode Island Innovation Awards

In 2007, AVTECH was recognized as one of Rhode Islands 'most innovative technology companies' and for one of the 'most innovative technology products'. This recognition was due to our Room Alert 26W product that allows wireless sensor monitoring through our WiSH and WiSPR hubs. Sensors can be easily deployed without running cables, with up to 15 WiSH and/or WiSPR hubs and 86 total sensors per Room Alert 26W. WiSPR hubs host sensors and act as a repeater or relay which allows users to wirelessly chain hubs in order to locate sensors up to almost a mile away from the host Room Alert 26W. After more than a year, there is still no other market accepted wireless environment monitoring product available that can compete with the Room Alert 26W. It remains the most powerful product of its type worldwide.

AVTECH is proud of the recognition received and understands the responsibility we have to remain an innovation leader. We have several new products that we hope will shine the spotlight on AVTECH again this year. However, because we have more than doubled in size for each of the last five years, we also see a role developing within the state to lend a helping hand to other technology innovators and start up organizations. With this in mind, AVTECH has been asked by the Providence Business News and state supported technology associations to sponsor the 2008 Rhode Island Innovation Awards along with co-sponsor Cox Communications. AVTECH is proud to be sponsoring this upcoming event.

4 Ways To Monitor Any TemPageR, Room Alert, Signal Tower

- 1) Use the built-in web browser interface
- 2) Use AVTECH's Device ManageR software (bundled, FREE)
- 3) Use AVTECH's PageR Enterprise software (bundled, FREE)
- 4) Use your favorite SNMP monitoring software

Use Tivoli, OpenView, Unicenter & More

All TemPageR and Room Alert products are fully compatible with and can easily be monitored by all of the leading network-wide SNMP monitoring products such as Tivoli, OpenView, Unicenter, Nagios, Big Brother, What's Up Gold, Solar Winds and more. These products, along with AVTECH's PageR Enterprise (PageR) software, are the most successful and widely used network-wide monitoring products in the world. Although AVTECH believes PageR has advantages and benefits for most users, we recognize these other products and the ongoing commitment of the manufactures and developers that support them.

If you are using one of the network-wide monitoring products mentioned above, please know that there are no known compatibility concerns regarding the use of these products to monitor unlimited numbers of TemPageR and Room Alert units across your network. And, if a concern does arise, AVTECH will work with

other vendors to resolve the issue so that you can get back to work quickly and your facility can run as smoothly as possible.

AVTECH respects each customers desire and right to use the network-wide monitoring software of their choice. Please take note that even though our PageR software is bundled with each TemPageR and Room Alert product at no charge to you, there is no requirement that you must use it. Further, AVTECH does not have the objective to displace any other software that you are already familiar with, have invested in, and are already using. Please know however that if you have purchased any TemPageR or Room Alert product and it remains under active MSUS, then you can use the PageR software for FREE at the appropriate license level that was bundled with it. Even better, you can run our PageR software side-by-side with any of the above products and the software products can monitor each other. If your primary network-wide monitoring software should stop for any reason, PageR can be configured to let you and your staff know, automatically start it back up, and then let you know everything is okay again. That's pretty cool... and it's free.

AXIS COMMUNICATIONS AVTECH Strikes Gold

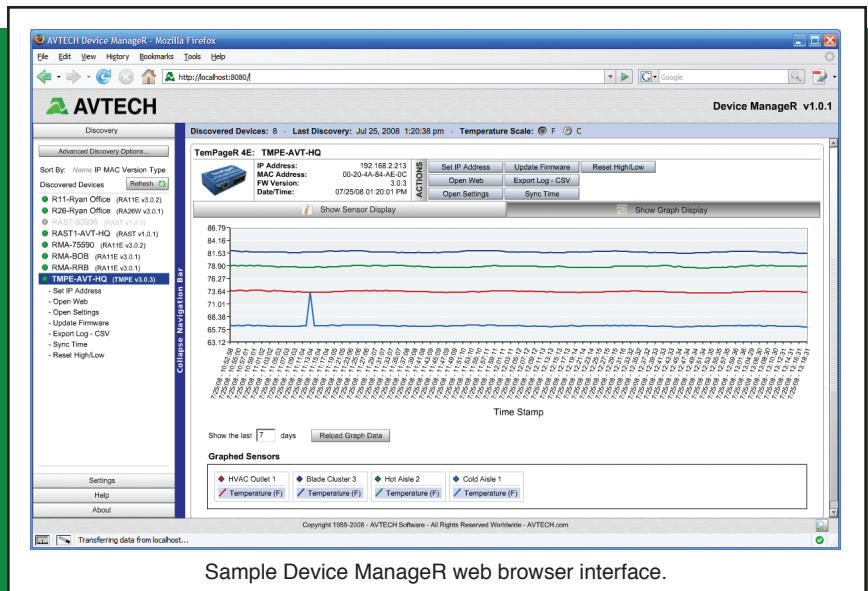
Axis Communications, the world's most highly recognized manufacturer of network cameras, has recognized AVTECH as one of the leading providers of their cameras to IT and facilities managers, for use in combination with environment monitoring. We are pleased to announce that we are now a Gold Level Reseller for Axis products. AVTECH specifically selected Axis cameras after extensive research because we felt the quality and reliability were in line with what we demand of our own products. We also feel that Axis is unique in providing their cameras around the world and fully supporting them with professional and courteous technical support. When you purchase products for your organization, even if it is not directly from AVTECH, we hope that you buy the best products that your budget will allow. More and more often, an AVTECH / Axis combination is the option of choice.

Device Manager... Many Benefits, Zero Cost!

Whether you've used AVTECH's monitoring products before or are reading about them for the first time, you must make time to investigate AVTECH's new Device Manager software. First, understand that it comes FREE with all TemPageR and Room Alert products and is yours to use as long as you maintain the Maintenance Support & Update Service (MSUS) included with every TemPageR and Room Alert product, no charge for the first year and optionally renewable each year thereafter.

Device Manager is a new and upgraded version of our Device Discovery utility which many of you have used to install TemPageR and Room Alert products and then later to upgrade the firmware for those units. All of this still remains available in Device Manager although we have added some fantastic capabilities that include:

- Monitor & manage unlimited units network-wide through a single IP address
- Discovery capabilities network-wide using UDP broadcast
- Automatic discovery of units even across different subnets
- Unlimited data logging to an embedded SQL database with no limits other than disk space
- Sensor & data graphing on screen in seconds... compare sensors side by side
- Ping servers/devices across your network



Sample Device Manager web browser interface.

- Auto discovery of units with out-of-date firmware versions
- Upgrade firmware for a single unit or multiple units simultaneously
- Copy configuration settings to another unit or multiple units simultaneously
- Displayed graphic of hardware unit being managed while in its settings screen
- Runs as a Windows Service for security, allows multi-user access via web browser
- One click sensor data export from historical database in standard formats
- Set IP addresses for single unit or multiple units automatically
- Automatic discovery of Axis cameras network-wide, even across different subnets
- Support for running Device Manager on Linux & Apple's OSX operating systems

Device Manager greatly enhances the value of AVTECH's TemPageR and Room Alert products by making it easier to manage multiple units distributed across an organizations network. It further enhances a users ability to manage and document sensor data, meet regulatory security requirements, decrease unplanned downtime and avoid costly hardware replacement. Look for new enhancements and capabilities on a regular basis. Download Device Manager today from www.AVTECH.com.