

Protect Your IT Facility...

Don't Wait Until It's Too Late!



What Will You Do When Disaster Strikes?

Quit... Run... Panic... Cope... Rejoice?

IT Environment Monitoring Is Too Often Overlooked

Computer & IT facilities support the entire organization.

- What happens here typically effects everyone
- Environment monitoring continues to be overlooked
- When disaster strikes, it becomes a top priority

During downtime, ongoing costs continue to accrue while business and profits are lost.

30% of downtime is caused by environmental factors... *so why wait to prepare?*



What Is Environment Monitoring?

Facilities where expensive IT equipment operates must stay within specific ranges of environmental conditions.

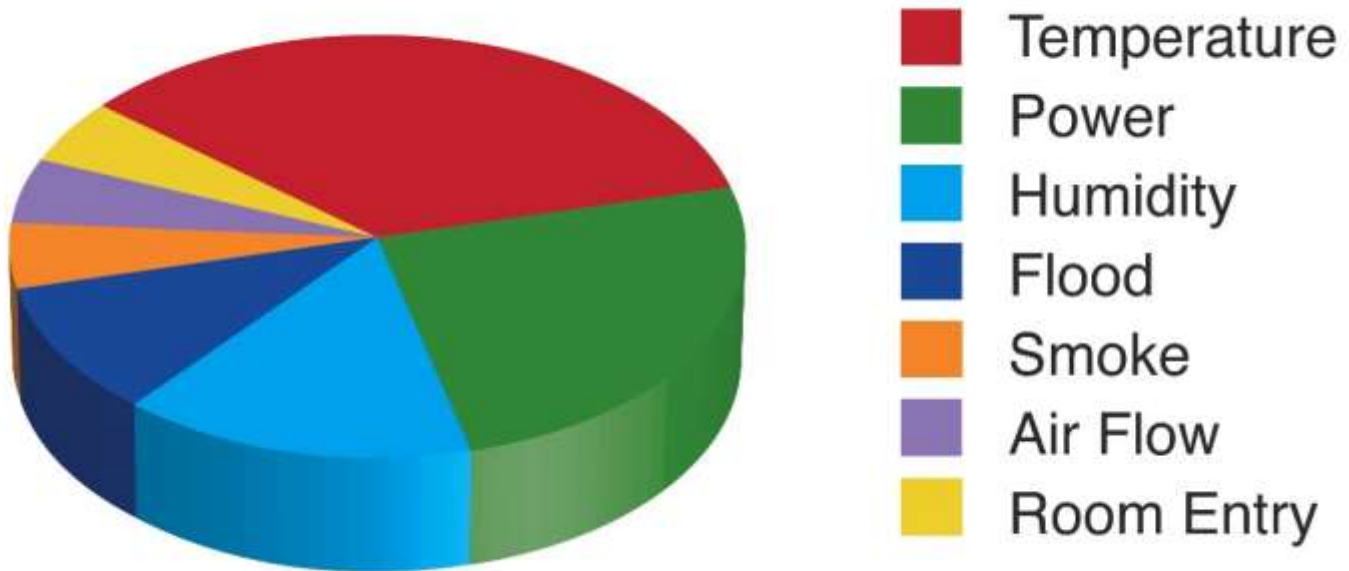
Failure to respect this basic understanding can lead to catastrophic results:

- **Denied access or complete data loss**
- **Hardware malfunction or complete failure**
- **Loss of equipment, product, property or business**
- **Downtime** *(a fearful term to an IT/facilities manager)*

So what environmental conditions should be monitored?

Primary Environment Threats Include

The 'Big 7' IT Environment Threats



HVAC Systems Remain The Primary Cause

Failure of a primary or backup air conditioner remains the major threat to all IT or computer facilities.

- **Temperatures rise rapidly, slowing servers & networks**
- **Power drains or spikes damage hardware, lower MTBF**
- **Excess humidity or dryness increase the risk of damage**
- **Condensation or overflows can cause flooding**



Is there anyone here that has NOT experienced a situation caused by an HVAC problem or failure?

Some Additional Facts To Consider

- **30% of downtime events caused by environment factors**
- **40% of businesses close within 1 year after major event**
- **75% of SMBs don't have environment monitoring in place**
- **98% of respondents said #1 way to reduce or eliminate IT environment caused downtime and associated costs is to implement a monitoring system with immediate detection and alert notification**

PREVENTION



Let's Look At More Downtime Statistics

- **59% of data centers say downtime lasts a 1/2 day or more**
- **27% of data centers say downtime lasts 1 to 3 days**
- **Average downtime cost is \$740,357**



A Proactive Approach Is The Best Because Computers Don't Swim

Understanding the need to know early & immediately when environment problems arise is easy to understand.

A business doesn't have to encounter a flood to know that computers don't swim.

So what are the **'5 Critical Steps' to successfully prevent an environmental incident from causing your team, business, or organization to have a catastrophic disaster?**



5 Steps To Prevent An IT Environmental Disaster At Your Organization

- 1) Install monitors and sensors for immediate detection
- 2) Automate multi-path alerting to responsible staff
- 3) Set up automatic shutdowns, scripted action responses
- 4) Train for fast and appropriate response by staff
- 5) Plan, test, analyze & review for future prevention



Why Put Your Business At Risk?

How much would it cost your business to lose access to primary servers or the network for just a 1/2 day? Ten, twenty, a hundred thousand dollars? A million dollars? It depends upon what you do although any loss is too much when it's your money.



In today's online world, downtime for even a few minutes can mean life or death to the entire business. Do you need to operate continuously, 24 x 365? Then take action to protect your organization & business.

Room Alert 32E Sample Layout



Room Alert®



Optional AVTECH Sensors & Accessories



Digital Temperature



Digital Outdoor Temperature



Digital Fluid Temperature



Digital Temperature & Humidity



Digital Active Power w/Temperature



Mini UPS & Power



Flood (Spot)



Flood w/8' Cable



Flood w/24' Cable



Air Flow 1 (NC)



Smoke w/Escape Light



Digital Temperature & Analog

More AVTECH Sensors & Accessories



Main Power



Current Loop 1 (0-50A)



Current Loop 2 (0-250A)



Room Entry



Panic Button



Extreme Low Temperature



Extreme High Temperature



Motion



Light Tower w/Audio



Relay Switch Sensor

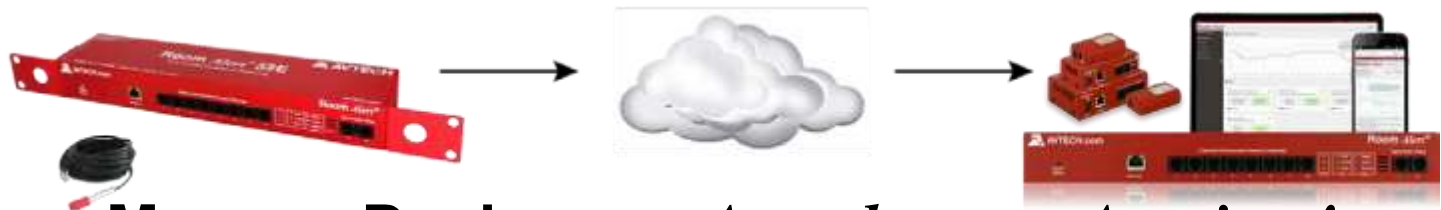


Light Tower & Relay Adapter



GSM Modem w/USB

AVTECH's **RoomAlert.com**... Online Solution For Monitoring **Room Alert**



Manage Devices... Anywhere... Anytime!

- Allows monitoring of environmental conditions anywhere, anytime
 - No software installation, no email server to configure, no complex configurations or concerns about network compatibility
 - Includes sensor and monitor status, sensor values, time of last update, alert status, time of last alert, contacts and more
 - Log all device data for historical review, analysis and verification
 - Create and save custom reports for different device types, groups of devices, teams, locations and other criteria
-

AVTECH's *Device ManageR*

Device ManageR is AVTECH's advanced application software for “*Discovery, Management, Monitoring, Logging, Graphing, Alerting, Automatic Action & More.*” It is designed as an interface for AVTECH monitors and Axis cameras network-wide, included FREE when you purchase a Room Alert monitor. Device *ManageR* monitors unlimited units across the network and is accessed through a single IP address. It allows users to immediately be informed when physical environment conditions change, log and graph data, view multiple camera images in one screen and much more. Plugins are available to expand capabilities.



Sensor Status View



Logging & Graphing View



Multiple Camera View

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