

IT INFRA WORLD

IT Infrastructure Monitoring Special

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Top 10 IT Infrastructure Monitoring Solution Providers - 2017

A slew of technological changes in the IT infrastructure monitoring (ITIM) space is setting the stage for a new era of predictive monitoring and support. The latest ITIM tools break down silos and provide a holistic view of the IT environment by leveraging data science. They gather huge amounts of real-time data from across the infrastructure and apply high-level analytics to comprehend the inner workings of the infrastructure.

In the current digital age, advanced ITIM tools help organizations simplify and unify the monitoring of different servers and networks. This consolidation reduces costs and complexity while improving overall infrastructure management capabilities. Moreover, the tools help mitigate operational risks and optimize monitoring costs

by improving the accuracy of anomaly detection and generating alerts while reducing interruptions and increasing infrastructure uptime.

To help CIOs navigate this flourishing domain, a distinguished panel comprising CEOs, CIOs, VCs, and industry analysts along with IT Infra World's editorial board has selected leading IT infrastructure monitoring solution providers that are at the forefront developing cutting-edge solutions to meet the vital needs of the industry. In our selection process, we evaluated a vendor's competency in providing efficient as well cost-effective infrastructure monitoring solutions and services.

We present to you IT Infra World's Top 10 IT Infrastructure Monitoring Solution Providers - 2017.



Company:
AVTECH Software

Description:
The company provides a full line of environment monitoring solutions that is in use across 185 countries

Key Person:
Michael Sigourney
Founder & CEO

Website:
avtech.com



AVTECH Software Experts in Environmental Factors Monitoring

The ‘Invisible Hand of Mother Nature’ has time and again demonstrated its ability to cause unexpected and costly outages for businesses. An overheated circuit board, a leak on the roof of the data center, or even a vehicle’s collision with a nearby electric pole can result in undesirable consequences; nearly 30 percent of what impacts IT infrastructure downtime stems from largely unmonitored environmental factors.

Unfortunately, enterprises at large fail to realize the importance of installing environment monitoring systems in their data centers and critical facilities. Yet, the instance of an outage caused by an environment factor such as temperature, humidity, flood/water damage, power, or smoke can cause thousands of dollars in damages and lost revenue due to

downtime. This is where AVTECH Software—a company that has 30 years of rich legacy in aiding enterprises with monitoring solutions where systems need to be up and running 24/7—has positioned itself as the world leader in providing all-round infrastructure monitoring services.

From its humble beginnings as a modest network monitoring solutions provider, the company has gained expertise and immense recognition in the environmental conditions monitoring space. Today, AVTECH’s offerings deliver peace of mind to IT administrators and CIOs of companies in more than 185 countries; they also cater to every branch of the U.S. Government, the White House, and even NASA.

Users can set different thresholds for sensor values and assign relevant courses of action

Along with a wide array of sensors, the company’s all-round monitoring solutions include secure cloud infrastructure, network-agnostic device manager software, and its flagship range of hardware devices, the Room Alert monitors designed for ease of use and quick implementation. Room Alert can seamlessly and securely integrate sensors with computing equipment and can communicate sensor data to AVTECH’s software, installed on the cloud or the local network, or even custom third-party SNMP products to allow users to monitor, manage, log, graph, map, alert and auto-respond to the situation at hand. “Users can set different thresholds for sensor values

and assign relevant courses of action. More importantly, the flexibility in implementation allows different teams in an organization to integrate the product differently,” says Michael Sigourney, the CEO and founder of AVTECH.

In addition to providing role-based access, control, and enterprise-wide bird’s eye visibility—even across multiple branches—of sensors data through mobile devices, the company’s cloud solution provides internal communications capability as well. In terms of hardware monitors, AVTECH is in its fifth-generation and even holds patents for some of its innovative sensor technologies. For instance, AVTECH’s patented Digital Active Power w/ Temperature Sensor is a novel approach to power monitoring. The domino-sized device simply needs to be strapped on to the power cable without even the need to unplug it from the source.

With AVTECH’s monitoring infrastructure in place, one of Intel’s facilities is able to view and zero in on the environmental stats of any component spread across over 250 IT departments. Based on a two-year study, a major telecom provider has shown that using AVTECH’s Room Alert 32E on more than 20,000 of their towers would save them 924 dollars every month per location.

Having established its presence globally, AVTECH envisions achieving localized distribution in other countries starting off in Europe and the west coast. As an entity that strives to best align itself in accordance to the paradigm shifts in the way critical infrastructures are being monitored and maintained, the company has prioritized to add security as a prime facet of its offering. “Our goal is to have AVTECH be recognized as the ‘most secure’ in the marketplace in 2018 by confirming and validating compliance with European, U.S., and state-level standards,” concludes Sigourney. **IT**