Arrow & IMS DC-3

Power, Temperature & Humidity Monitoring & Assessment

Arrow, in partnership with Integrated Monitoring Solutions (IMS), is pleased to announce the release of the DC-3 product, which has been designed to provide data center operations with comprehensive information about power, temperature and humidity conditions in real and cumulative time.

Developed by IMS, as part of its Environmental Data Exchange family, the DC-3 product utilizes wireless and non-intrusive technologies to monitor all aspects of a data center's environmental conditions, so that real-time and on-going operations can be optimized to reduce costs, and to allow data centers to address issues related to corporate responsibility and 'green' considerations.

This is a new offering with which IMS is partnering with Arrow to take to market exclusively with Arrow resellers. IMS' heritage has been in providing temperature and humidity monitoring in the demanding pharmaceutical, health care and food industries, in which on-going monitoring, using wireless technologies, is both a regulatory requirement, and a competitive advantage.

Building upon its historical temperature and humidity systems, IMS has integrated power monitoring as part of the DC-3 bundle to meet the growing demands of data centers to obtain necessary power and environmental information, which is integral to their operations.

The DC-3 bundle provides data centers with:

1. Total data center power utilization.

2. Discrete circuit level power consumption to isolate HVAC, telephone system and rack level power costs, and variations in usage.

3. A dashboard presentation of the results that includes: real-time information and month-to-month comparisons.

4. The means to monitor power consumption and phase imbalance without having to shut down any electrical devices, such as servers, HVAC systems, etc.

 In addition to power, the DC-3 bundle also includes temperature and humidity monitoring that can be used to minimize localized hot spots, which may adversely affect system performance, as well as costs associated with over and under cooling discrete areas within the data center.

The temperature and humidity offerings, within the DC-3 bundle, include:

1. 3D temperature mapping.

2. Real time temperature and humidity readings.

3. Real time wireless alerts to PC and mobile devices, if any of the temperature or humidity readings exceed user-defined thresholds.

We are pleased to offer the most comprehensive package currently available to address the complete array of environmental concerns associated with data center operations.

For further information, please visit the IMS Website at:

http://www.goims.ca/EDX_DC3.html