'Non-Invasive', 'Out of Box' Power Monitoring Solution

'Out of Box' CL-Amp solution, greatly improves the drive for energy efficiency in legacy Data Centres, without the need for scheduled power downtime

All in one, easy to install, 'out of the box' solution providing:

- 'Non-invasive' CL-Amp technology, monitoring 3 core single phase A.C. power feeds, without the need for scheduled power downtime.

- A PowerHawk[2] monitoring device, to provide power and a communication link to the CL-Amp, using a single IP address.

- Environmental temperature and/or humidity management.

- Client application of Env-U, enabling live and historical views of the electrical current and environmental readings, in addition to providing trend analysis and graphical management reporting.

Overview

This new innovative 'out of box' CL-Amp kit is a simple, easy to install, cost effective solution, specifically designed for single cabinet installations.

Ideal for legacy and retrofit data centres, the 'out of box' CL-Amp solution provides 'non-invasive', real-time current monitoring functions to typical non-intelligent data centre power supply feeds rated upto 32A and can be used to bring monitoring functionality to non-intelligent power strips.

Benefits

- Increased visibility of power usage
- Regain power and cooling capacity
- Increased energy efficiency
- Benefit from attendant cost savings

'Out of the Box' solution consists of:

- 2 x CL-Amp devices.
- 2 x sets of cable collars supplied to support: 8mm to 18mm diameter cables.
- 1 x PowerHawk.[2]
- 1 x Temperature sensor.
- 1 x spare sensor port, i.e. humidity or temperature. The additional sensor can be retrofit at any time.
- 1 x CD copy of Env-U client based application
- 1 x set of 2m interconnecting patch cables from the CL-Amp to the PowerHawk[2]
- 1 x Instruction manual.

Supplied, in addition to the 'non-invasive' CL-Amp monitoring technology, is both the ability to monitor environmental temperature/humidity and the PowerHawk[2], a device which provides both local and remote monitoring and supports up to two CL-Amps and two analogue sensors, any combination of which can be temperature or humidity. The PowerHawk[2] as an SNMP agent optimised for rack management, polls the CL-Amp and sensors at configurable intervals and captures the associated current and temperature/humidity data readings.

A simple client software application, known as Env-U, included as part of the 'out of box' solution, then polls the PowerHawk[2] capturing the data to provide both a live and historical view of the parameters monitored, in addition to providing simple trending information and enabling the basic creation of management reports.

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