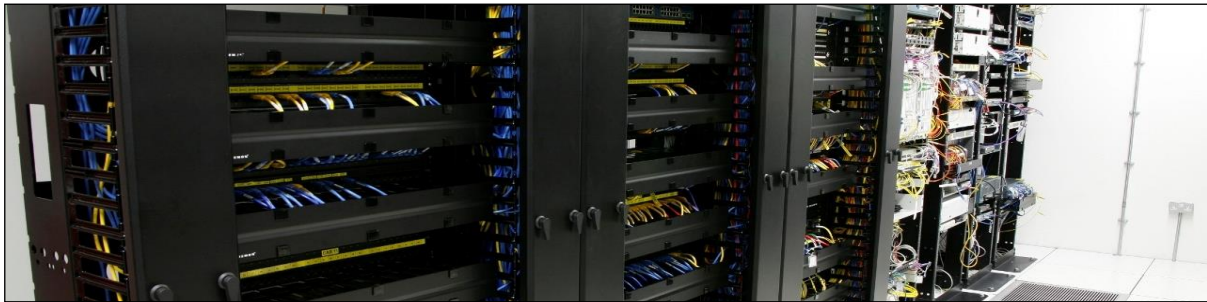


Colocation company manages multi-vendor environment for multi-tenant clients



Executive Summary

Customer Name: Docklands Data Centre Ltd
Industry: Colocation
Location: London
Company size: 10 staff

Challenge

- Multi-vendor equipment
- Multiple management systems
- Multi-tenant environment

Solution

- Real-time rack power monitoring
- Colo client self-service reporting
- Branded web-based portal

Results

- Improved billing accuracy
- Dramatically simplified system management
- Enhanced client satisfaction

Challenge

Tutis Point is the flagship data centre of Docklands Data Centres Limited (DDC) and is located near the City of London. It comprises 20,000 square feet of net technical space. The latest, high specification telecommunications equipment and network solutions have been installed to ensure clients receive a secure and highly scalable, high-speed service with the best possible connections to global telecommunications networks.

The data centre houses 200 racks in the main data hall, each fitted with either dual inline power meters or metered power bars, remote door locking and environment sensors. Temperature in the data hall is maintained by 9 * 64kW Air Handling Units and there are 6 main PDU's supplying power to the racks.

To monitor and manage all of this DDCL was having to use multiple, standalone proprietary software which was inefficient and problematic. The monthly power billing for each client had to be collected manually – a very time consuming process.

“What we needed was a single, easy to navigate system to pull together the information and feeds from the individual sub-systems we already had – a manager of managers,” says Deryck Cole, Operations Manager.

Solution

DDCL reviewed several DCIM (data centre infrastructure management) systems and chose InSite software from AdInfra because it gave the closest match to their specific requirements. It had most of the functionality needed straight out-of-the-box and it could be deployed quickly and with minimal disruption, vital in a client-facing environment. InSite also has the added benefit of a client dedicated Web Interface that allows them to monitor power and rack status.

InSite is installed on a dedicated server and uses SNMP and Modbus-TCP to monitor the various power strips, temperature sensors and other devices. The InSite portal has been customised to reflect DDCL’s corporate look and feel so that when clients login they are in a familiar looking environment. Clients have secure, remote access to view detailed, real-time information specific to the racks they are renting including power strips and temperature sensors. They can view this through dashboards which are designed to enable the Client to “see” their individual racks.

“We now have a true DCIM solution that allows us to monitor the Data Centre from a single source. Billing our clients power usage can now be done automatically, saving us time and money,” says Deryck Cole. **“The ease with which we can add devices into InSite has given us the ability to improve on our overall management of the Data Centre.”**

Fig 1. HTML5 Dashboard showing Datahall Floorplan



Results

Docklands Data Centre Ltd has realised significant return on investment (RoI) from InSite in the form of savings, improved client experience and increased competitiveness. Clients have been attracted by the enhanced manageability that is available to them and it has made them reluctant to consider moving to a competitor.

Deryck Cole sums it up thus: **“We use InSite to our competitive advantage. It helps us manage our data centre better and enables our clients to get more value out their relationship with us. It is a real win-win.”**

For More Information

To find out more about AdInfra and InSite, visit

<http://www.adinfra.com>

To find out more about DDC, visit

<http://www.tutis-point.com/>