UPTIME DEVICES ™

Network and Web Enabled Technologies ™

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FINANCIAL INSTITUTION CASE STUDY

This institution is headquartered in Washington, D.C. and has more than 10,000 employees in more than 100 offices worldwide. This international financial institution is a vital source of funding and technical assistance to developing countries.

DATA CENTER CHALLENGE

The institution hired a security company to oversee the surveillance of their data center, and monitor and record temperatures at several areas in the data center. After a few months, a number of guards stopped taking precise readings and wrote down their own best guess of the temperature. This practice went on for a few weeks until a number of the clients' servers overheated.

By integrating Uptime Devices monitoring solutions, our financial institution client had instant and accurate real-time data and was able to eliminate their outsourced security. The money saved by dispensing of the security guard company paid for the Uptime solution within the first month.

Uptime Devices met the clients' needs for physical security and environmental monitoring with:

- One RPM CM per cabinet row
- Two HEAT RIMS per cabinet
- One security sensor per cabinet
- Eight IP-based cameras
- RPM MIB file integrated with the client's existing network management software platform
- RPM CM provided real time security access logs that could be exported to other programs

CHALLENGE

This institution is a vital source of funding and technical assistance for countries around the world. Data center failure would prove detrimental for a wide array of groups and agencies and lead to financial loss.

SOLUTION

By integrating Uptime Devices RPM CM in every cabinet row and two HEAT RIMS in every cabinet, our financial institution client had instant and accurate, real-time data and eliminated the need for out-sourced security. The money saved by eliminating the outsourced security guard company paid for the RPM solution within the first month.

▶ UPTIME LESSONS

Humans are no substitute for reliable and accurate environmental monitoring. Even with training and the best of intentions, the simplest of errors can spell disaster for a data center.

True environmental monitoring means having instant access to data center information as well as instant notification when conditions fall outside set parameters.

According to the Uptime Institute, for every 18-degree (F) rise in temperature above 68 degrees, a typical server becomes 50% less reliable.