

How DataVita maintained 100% uptime SLA with rack-level environmental monitoring



200

racks under management



300

sensors

“We have a 100% SLA and we pay our customers if we don’t maintain that SLA for even one second. RF Code’s real-time technology gives us **complete transparency**, which allows us to show our customers that we’re hitting those SLAs.”



Graeme Logie
Operations Director
DataVita



The Problem

DataVita’s 4,000m² data center needed rack-level temperature and humidity monitoring to support their 100% uptime SLA. If availability drops for even a second, they return 25% of a customer’s quarterly fees.



The Solution

300 wireless sensors across all 200 racks, measuring temperature, humidity, hot aisles, returns, ducting and cooling systems, replacing cooling system sensors for dynamic control. **Plus:** Rack access monitoring, and service desk monitoring and alerting.



The Results

10% improvement in cooling efficiency. Protection of SLA. Immediate NOC notification to prevent downtime. Real-time notification of opened rack doors. Improved operations visibility. Zero downtime during the project.

RF CODE has helped DataVita and other industry leaders save **over \$100 million**.

Data centers are changing. Can you keep up?

In today's dynamic data centers, assets can move and get misplaced several times during their lifecycle, and environmental conditions can change unexpectedly.

With RF Code's real-time asset management and environmental monitoring solutions, you can keep track of your assets throughout their lifecycle.

Asset lifecycle



Acquisition + deployment

Measure physical deployment time, install time, and install accuracy



Operations

Uptime, environmental conditions, and asset utilization



Maintenance

Execution time, undocumented changes



Inventory + auditing

Inventory accuracy, auditing costs, retirement

Solutions

Asset management

Skip the costly manual audits and start saving millions of dollars every year. With our patented wire-free sensors and CenterScape™ software, you can manage your assets in real-time with 99.8% accuracy.

Environmental monitoring

In large data centers, the environmental conditions are always changing and averages aren't enough. In fact, for every degree of temperature change in your data center, you could be saving 2–4% of your electrical spend. With our patented wire-free sensors and CenterScape software, you can now monitor critical environmental conditions in real-time, giving you the granularity you need to optimize efficiency, maximize uptime, and avoid disasters before they happen.

About RF Code

Founded in 1997, RF Code is based in Austin, Texas, with offices and partners around the world. Our signature software platform eliminates the need for costly and error-prone processes and is easily integrated with existing IT, facilities and business systems, increasing the value of those systems by providing accuracy, lower cost, and timeliness.