

Modius *OpenData*® for Data Center Analysis

Modius *OpenData*®

The *OpenData*® system from Modius is the industry's only fully distributed data-collection solution for gathering real-time performance metrics from across a network of mission critical facilities. It offers core alarming and data collection capabilities across all power, cooling, and environmental sensor equipment.

Do You Know Your PUE?

In today's energy conscious environment, more and more data centers want to track their PUE (Power Usage Effectiveness) and even ARC (Available Redundant Capacity). But the difficulty is in capturing the breadth of data necessary to continuously generate these metrics, and then calibrate them to the unique configuration of the infrastructure.

The Modius *OpenData*® solution for Capacity and Efficiency Analysis can help. It offers an automated solution that generates PUE and capacity reports out-of-the box. The Modius solution captures key power performance statistics at each point in the power chain. It then provides user-defined computational tools to create and adjust these measurements for the generation of granular PUE, ARC, and other user-defined metrics.

This "open" data can be used by other Business Intelligence (BI) applications for presentation, or integrated with other management tools.



Capacity and Efficiency Analysis

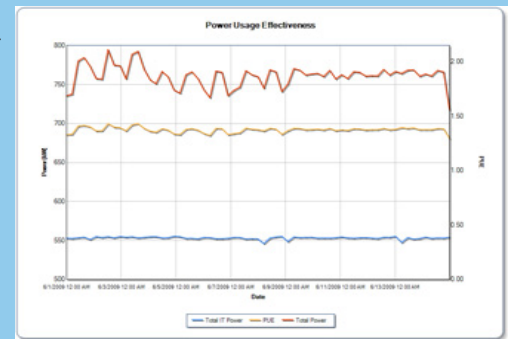


How it Works:

1. Automated data collection for performance metrics such as PUE & ARC
2. Automated reporting and trending of capacity and efficiency improvements over time - across multiple sites - from a "single pane of glass"
3. Integrated support for performance data to other management tools

Features:

- Full measurement of all infrastructure equipment (power, cooling, environmental sensors, and IT devices)
- Robust intelligent alarming using virtual (or "computed") points
- Complete alarm management including notification and escalation with history tracking
- Key reports:
 - Instantaneous PUE
 - PUE Power (over time)
 - PUE Energy (over time)
 - ARC by Site or Zone

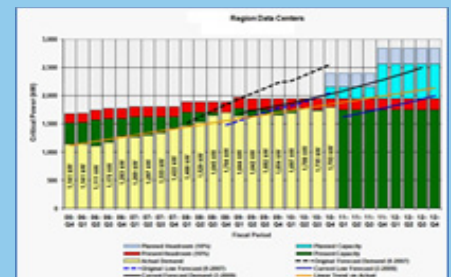


Advantages:

- Covers all major infrastructure equipment (both serial & IP based)
- Flexible, out-of-the-box reference reports
- Supports all major BI tools with open data access

Benefits:

- Granular efficiency metrics
- Trended reports over time
- Low-cost installation for all devices
- No on-site coding or programming
- Minimal service costs for lower TCO
- Replaces rounds and readings



About Modius

Who We Are

Modius® provides unified availability and performance monitoring software for distributed data centers that helps protect business continuity, reduce OPEX, increase capacity and improve efficiency.

Modius helps to unify IT and Facilities by providing the real-time intelligence necessary to meet the demands of today's dynamic business infrastructure.

Modius OpenData® Value Propositions

Protect Mission-Critical Assets



- Faster response
- Failure point reduction
- Alarm redundancy
- SLA statistics

Lower Data Center Costs



- Energy cost savings
- Real-time measurement
- Better FTE leverage
- Continuous improvement

Increase Data Center Capacity

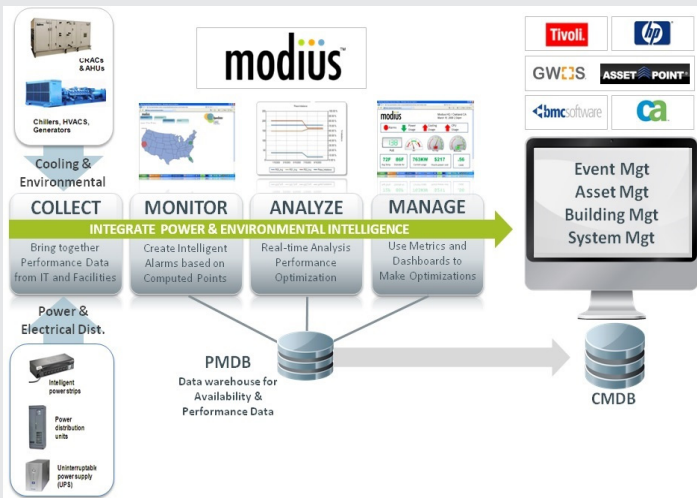


- Track loads
- Forecast growth trends
- Balance power & cooling
- Track "drift"

Report Eco-Efficiency Metrics



- Track GHG emission
- Set baselines
- Demonstrate gains
- Prepare for DOE & EU compliance

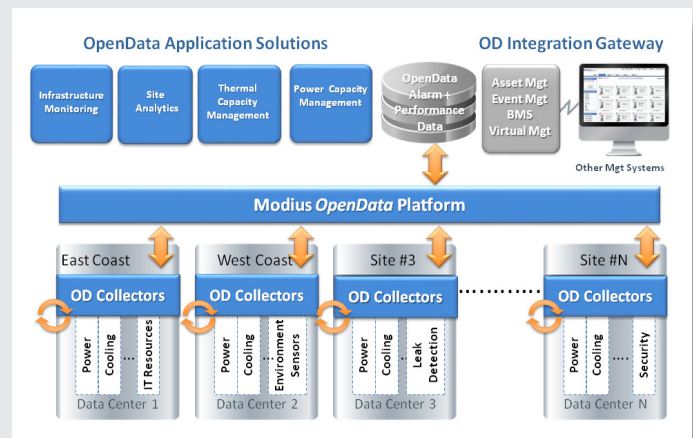


What We Do

The Modius OpenData® solution captures and trends granular performance data from all critical devices, including power, cooling, environmental sensors, and IT assets. Our goal is to help you better manage the competing demand of Availability, Capacity, and Efficiency in mission critical sites. Founded in 2004 and headquartered in San Francisco, Modius Inc. develops intelligent measurement systems that improve energy performance, carbon management, and data center uptime.

Why We Are Different

Modius offers an easy-to-install, end-to-end monitoring & analysis solution that is completely vendor neutral. The solution is highly scalable with no coding or programming required to add new devices or de-ploy across multiple sites. It is user-friendly by enabling users to configure their own navigation screens and dashboards. Users can also configure computed or "virtual" points for intelligent alarms, metrics, and other key thresholds.



Contact Modius for more information about how OpenData makes it possible to easily track and report continuous power data from any device in your data center

Modius Inc.

71 Stevenson Street
Suite 400
San Francisco, CA 94105

www.modius.com
sales@modius.com
(888) 323-0066