

Modius® OpenData® Analytics

Overview

OpenData software from Modius is a fully distributed data collection solution for creating real-time performance metrics from data gathered across your network of mission critical facilities. This Big Data generated by your remote infrastructure is only useful if it can be easily visualized to provide the information needed to make informed, data-driven management decisions at the operational, tactical and strategic levels.

Real-time Operational Intelligence

Real-time Operational Intelligence (RtOI) provides facilities and IT managers with the ability to recognize opportunities to mitigate risk, improve efficiency, and optimize capacity. Basing decisions on theoretical models or stale data is a risky proposition at best. OpenData Analytics provides Real-time Operational Intelligence where data is refreshed in seconds, not daily, thereby allowing facilities managers to take proactive action as problems arise and make smarter decisions for resolving these issues.

When it comes to making the right decisions for your facility, sometimes speed is everything. Companies that use RtOI are more likely to receive the pertinent information they need to make informed and timely decisions. OpenData Analytics helps network, data center and facility managers improve decision making, cut costs and identify ways to optimize throughput and capacity.

Features

1. Collect Big Data from devices, applications & processes
2. High speed, industrial strength, multi-threaded polling engine
3. Create custom metrics from multiple sources
4. Apply full math operands and combine metrics
5. Built-in Business Intelligence (BI) for the critical infrastructure
6. Extensive template library for building new reports and dashboards

Advantages

- Supports all major power and cooling devices
- Collects data from networked & non-networked devices
- Automatically normalizes data from unstructured sources
- Turns data into information
- Works with your existing solutions (No rip & replace)
- Make better decision based on measured data, not models
- Visualize all locations in the portfolio
- Compare performance between devices
- Optimize data center capacity
- Spend less time preparing and delivering reports



1 Track Everything

Modius OpenData is a highly scalable IoT platform designed specifically to handle the issues of data collection from both legacy and new heterogeneous infrastructure assets.

The OpenData platform does all the heavy lifting; communicating with all types of devices from any manufacturer, normalizing data across all devices, and creating calculated data metrics which are available for systems level management.

2 Manage Performance Everywhere

Now that you've solved the data collection issue, it's time to analyze where you are and where you are going.

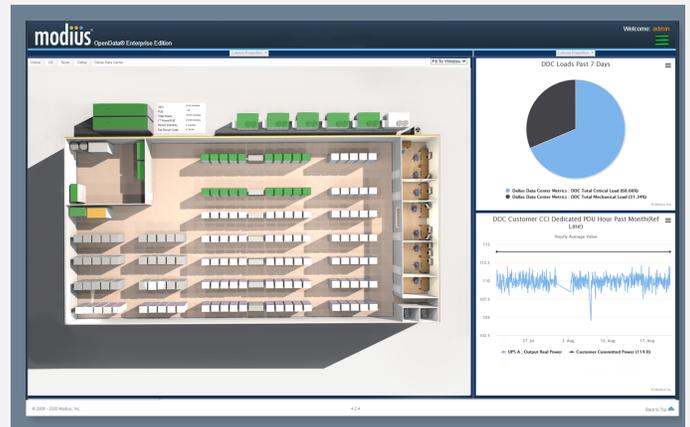
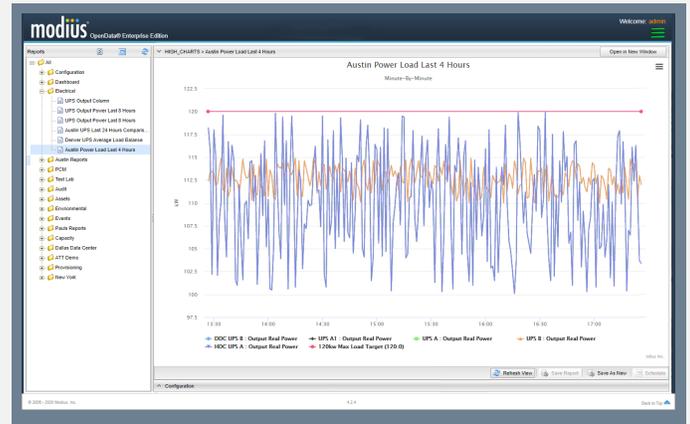
With OpenData you can analyze the health of your smart assets, see the impact of device relationships and track and analyze all your smart asset location data.

The Modius OpenData solution provides all of the tools necessary to manage your the availability, capacity and efficiency of all of your critical infrastructure, including those remote sites in less than desirable places.

3 Smarter Analytics

The OpenData solution captures and trends granular performance data from all critical devices. OpenData utilizes an open architecture to deploy machine learning and predictive analytics for intelligent decision making.

OpenData Analytics automatically collects, translates and normalizes Big Data into structured metrics that are easily formatted for analysis and presentation in reports, charts, graphs and dashboards.



About Modius

Modius Inc. is a world leading end-to-end solution provider for managing the availability, capacity and efficiency in critical facilities, including data centers, smart buildings, telecommunications and other IoT environments.

The Modius flagship offering, OpenData, provides all the tools needed to manage the performance of mission critical infrastructure, from integration of disparate devices, to analytics, to integrated dashboards, all in a "single pane of glass."