

# RACKWISE<sup>®</sup> Data Center Manager

The Comprehensive Data Center Infrastructure Management (DCiM) Solution



**Corporate Headquarters**  
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## Regional Sales Office Locations

North East	North Central	South Central	South West	West
Boston, MA	Chicago, IL	Dallas, TX	Las Vegas, NV	Los Angeles, CA
978-760-3180	630-587-7839	214-850-9700	770-789-5622	310-713-7300

RACKWISE® Data Center Manager (DCM) provides a comprehensive platform for data center professionals and business executives to make informed decisions on IT and facilities resource utilization. Quickly model and analyze operational and planned infrastructure changes, migrations and consolidations using the powerful visualization and dashboard reporting features.

- Track and optimize asset utilization
- Monitor and adjust power and energy usage for cost savings
- Control/analyze data center IT and facilities costs for improved ROI
- Plan for future growth and/or consolidation with impact analysis
- Measure progress towards achieving Green and other data center efficiency metrics
- Ensure business continuity

### **Advanced Reporting and Analytics**

RACKWISE® DCM provides a powerful, extensive, easy-to-customize reporting capability which is critical to driving cost savings, operational efficiencies and ROI from your data center investments.

- Charge Back reporting based on resource consumption
- Business Service cost analysis correlated from database information
- Detailed financial reporting for energy consumption, capital, and operational expenses associated with business service, application, customer, department or other user defined parameters
- Real world data for power utilization, reporting and analysis
- Cost Savings analysis of data center changes
- Calculate the resource and monetary savings
- Build the business case with break even analysis



## Data Center Optimization

Optimize your data center through specifically designed “what-if” analysis features created to continuously review resource consumption, technology refresh opportunities, decommissioning and commissioning of new equipment.

- Determine top power consuming devices by type
- Identify stranded capacity and server virtualization candidates by:
  - Low CPU utilization
  - High power consumption
  - High heat generation
  - Space utilization
  - Business service association
- Instantly calculate savings
- Review and instantly compare business service costs across data center locations

## Asset Management

Traditional asset management through spreadsheets and silos of information will no longer work in today’s ever changing data center environments. RACKWISE® DCM provides all the essential elements for asset management including:

- Physical inventory
- Software assets, virtualization inventory
- Warranty, Service contracts
- Device lifecycle management
- Full integration with leading workflow solutions
- Association with business services, departments, etc.

## Capacity Planning

RACKWISE® DCM provides a sophisticated modeling environment which allow you to analyze current and future impacts of changes within your data center. Our robust reporting and trending analysis give you the ability to predict and optimize resource utilization in your data center.

- Calculate and report on power, cooling and network headroom
- Search for optimal placement of new equipment
- Forecasting resource layouts
- Easily construct multiple models to better understand future equipment and trends



## Real-time Monitoring

RACKWISE® DCM provides the capability to monitor real-time *device level* data from IT and facilities equipment with your data center. The upcoming DCM 3.6 release will incorporate extensive new monitoring capabilities including fully embedding the Intel® Data Center Manager device monitoring software framework.

Monitor:

- Power, Temperature and Humidity
- Tap into Building Management Systems (BMS)
- Branch circuit monitoring tools
- Physical and virtual server performance
- Intelligent power strips, PDUs

## Fault Impact Analysis

- Calculate server and device power redundancy
- Simulate impact of failures to network and power
- Determine impact of device failure on business services, customers, virtualization and applications



## Green Dashboard

Learn how organizations can quickly and graphically display Green metrics in their data centers with RACKWISE® DCM's exclusive Green Reports.

- PUE and DCiE trending of your data center
- Display the relationship of Infrastructure vs. IT power
- Break down the power consumption by equipment type
- Determine the data center's carbon footprint

## Superior Integration with Commercial Workflow and CMDB Systems

- Full, bi-directional BMC/Remedy and Atrium integration
- Variety of other 3rd Party workflow systems
- Real-time and batch support
- Auto update and synchronize CMDBs



## DCM 3.6 System Requirements

### Application Server

- Operating System  
Windows Server 2003, Windows Server 2008, Windows Server 2008 R2 (32/64 bit)
- .NET Platform  
.NET 3.5 SP1
- Microsoft SQL Server 2008 R2 w/Reporting Services

### Desktop

- Operating Systems  
Windows 7 (32/64 bit), Windows XP SP2 or later, or Windows Vista
- Microsoft Visio 2007 SP1 or Visio 2010
- Microsoft Excel 2007, 2010

### Hardware (Minimum)

- Dual-core processor of 2.4 GHz or higher
- 4 GB RAM
- 30 GB Hard Drive

For more information on RACKWISE® Data Center Manager, visit  
[www.rackwise.com](http://www.rackwise.com)  
or contact us at [info@rackwise.com](mailto:info@rackwise.com) or (888) 818-2385