



dcTrack

An all-in-one solution for efficient data center management, spanning facilities, networking and IT.

Visualize/Track:

- ▶ Racks
- ▶ Cabinets
- ▶ Servers
- ▶ Networking
- ▶ Cabling
- ▶ Power
- ▶ Cooling
- ▶ Floor space
- ▶ Applications

Applications:

- ▶ Data center visualization
- ▶ Asset management
- ▶ Automated provisioning
- ▶ Capacity management
- ▶ Power management
- ▶ Power monitoring
- ▶ SNMP discovery
- ▶ IP space management
- ▶ Change management

Data Center Infrastructure Management

Visualize, Manage and Track IT and Facilities Systems

dcTrack is a data center infrastructure management (DCIM) solution that provides “single pane of glass” management of IT and facilities resources. Fast to install and easy to use, dcTrack is a full-featured solution with detailed asset management, sophisticated visualization, automated provisioning, capacity planning, power chain management, IP address management and change management capabilities. With dcTrack, data center operations managers can maintain accurate views across the entire data center, including racks, servers, applications, network, cabling, power, cooling and floor space. They can also track and visualize end-to-end power and data connections. Using dcTrack, data center managers can reduce costs, save energy, increase productivity and efficiently manage data center assets.

A flexible, Web-accessible solution that's easy to deploy and use

Available as a VMware®-based virtual appliance, dcTrack is an all-in-one solution that's fast to install and easy to use, with Web-based access that simplifies setup. With dcTrack, there are no additional modules to purchase and it readily adapts to the customer's existing processes. Furthermore, its pay-as-you-grow pricing model better reflects actual usage – and offers more value than competitive solutions.

Efficiently Manage Your Data Center with dcTrack

- ▶ Automate provisioning to eliminate manual processes and reduce expenses
- ▶ Maximize utilization of existing capacity to defer new builds and avoid additional capital expenses
- ▶ Avoid circuit overloads and outages with accurate power chain management
- ▶ Support green data center initiatives to reduce energy
- ▶ Optimize cooling to save energy and increase reliability

Sophisticated Visualization, Analysis and Reporting

- ▶ Visualize AutoCAD® and Visio® floor plan drawings in real time
- ▶ Visualize floor map drawings that are color-coded for heat, power, weight and space
- ▶ Visualize floor space, front/rear rack elevation views, server images and device ports
- ▶ Visualize end-to-end, power and network connections

Asset Management and Tracking

- ▶ Track detailed physical, logical and financial asset information
- ▶ Manage all server configurations (rackables, blades and virtual machines)

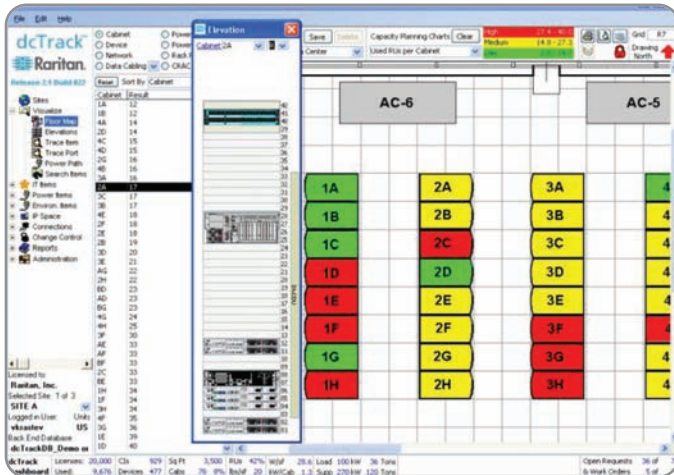


2009 Product of the Year
Silver Award in the
Data Center
Infrastructure Category

A real-time visualization and management solution that's easy to use

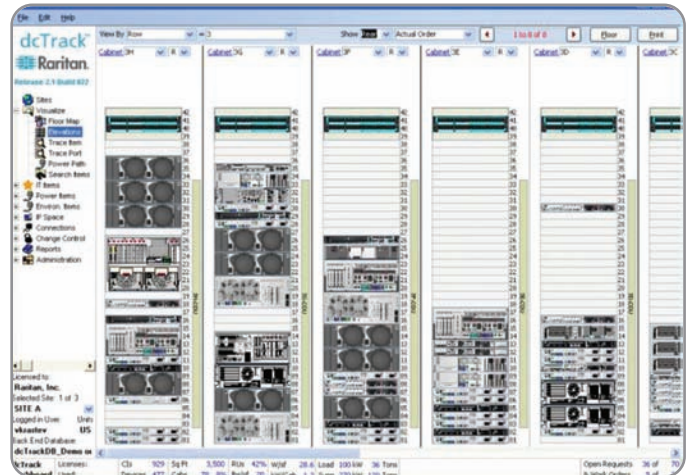
Visualize Floor Map

The data center floor map is linked in real time to AutoCAD or Visio floor plans. CAD drawing changes are immediately visible and recognized as new dcTrack objects. Customers can use multiple color-coded charts to view heat and power load distributions.



Visualize Cabinet Elevations

dcTrack can visualize a group of cabinet elevations. Cabinets can be grouped by data center rows or logical groupings. With another click, the elevation views can be changed to front, rear or descriptive text views.



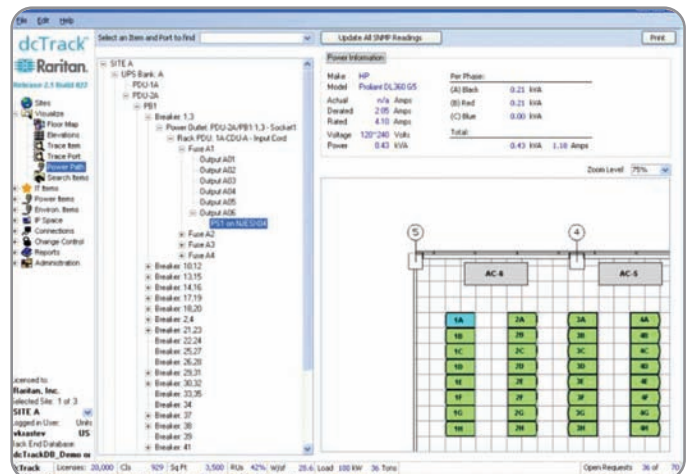
Complete Power Distribution Management

dcTrack uniquely offers complete power chain management. Power management begins with the UPS power feeds, supporting virtually any type of power distribution design. This screen displays the circuit breaker panel.



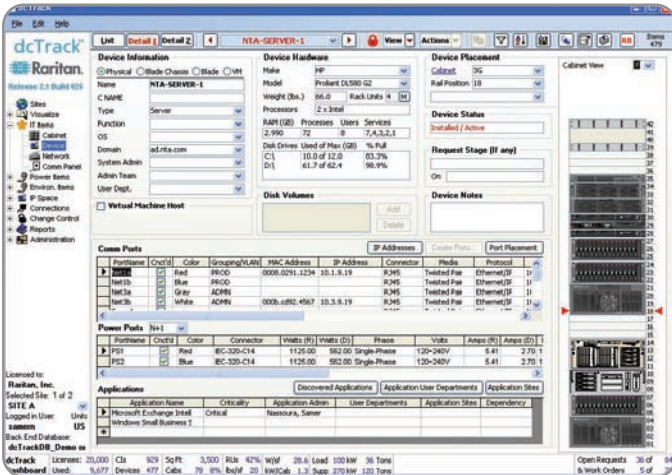
Visualize Power Path

dcTrack offers a unique tool to visualize the full electrical circuit – from the data center power source to the rack PDU receptacle. dcTrack automatically calculates the power load at intermediate points in the electrical circuit path.



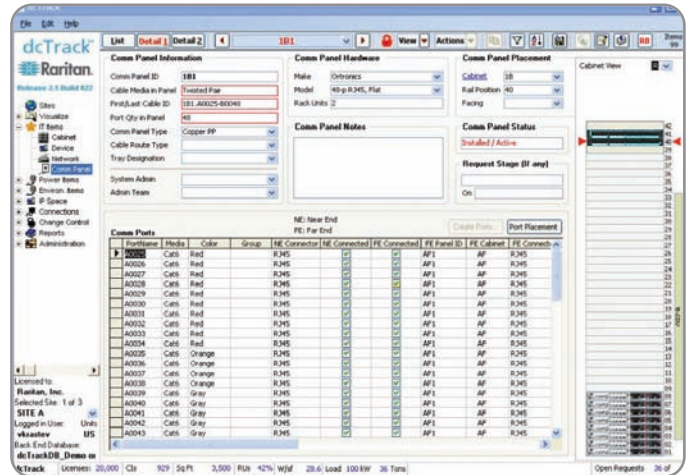
Server and Network Devices

The user can view, add and edit server and network devices. From a single server screen, dcTrack can support stand-alone servers, blade servers and virtual servers. The user can assign network and power ports to each device.



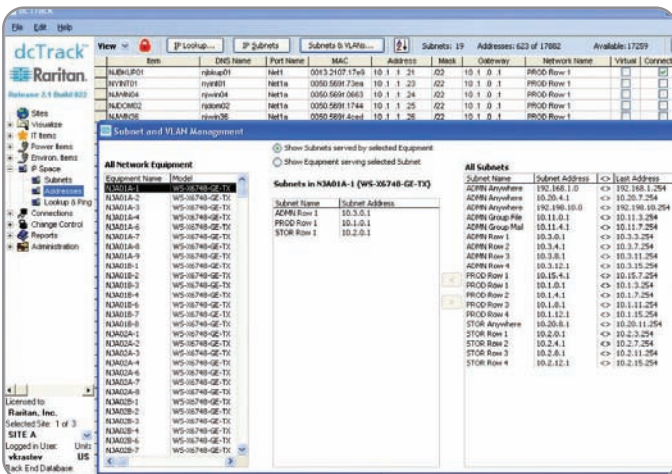
Data Cabling Items

The user can manage real-world cable infrastructure and labeling scenarios. dcTrack supports all known cable types, connectors and topologies. It supports multiple design architectures.



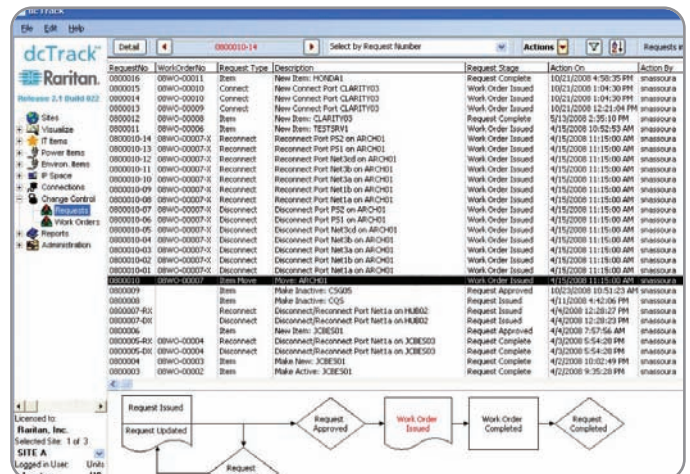
IP Address and VLAN Management

dcTrack automates IP address management, eliminating cumbersome and error-prone spreadsheets. It defines subnets using an intelligent IP address calculator. It then assigns subnets to switches and manages VLANs.



Change and Workflow Management

dcTrack change management offers a simple and well-defined workflow to support best practices throughout the data center. Adding, deleting or moving an item requires the user to follow a structured request process.



Complete Power Chain Management and Monitoring

- ▶ Monitor power loads and environmental data
- ▶ Determine the power loads at any point in the circuit path using derated values and actual readings
- ▶ Achieve a balanced load across all three phases

Workflow and Change Management

- ▶ Automated provisioning based on analysis of available rack space, power, cabling and network resources
- ▶ Support moves, adds and changes of equipment
- ▶ Schedule and forward work orders to technicians

IP Address Management

- ▶ Manage network switches and ports
- ▶ Intelligent IP subnet calculator
- ▶ Manage VLANs by mapping subnets to switches

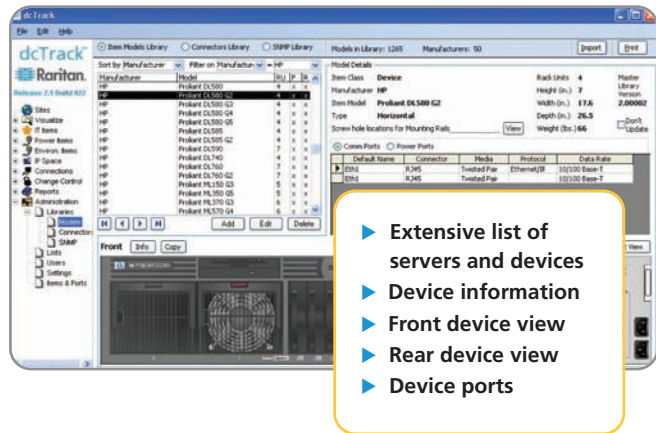
Easy to Deploy and Use

- ▶ Available as a VMware virtual appliance so installation is fast and easy
- ▶ Includes application software, database and operating system
- ▶ Web-based access simplifies setup
- ▶ Extensive visual library of devices and equipment
- ▶ The flexible import wizard speeds deployment
- ▶ Import wizards and auto-discovery tools accelerate implementations

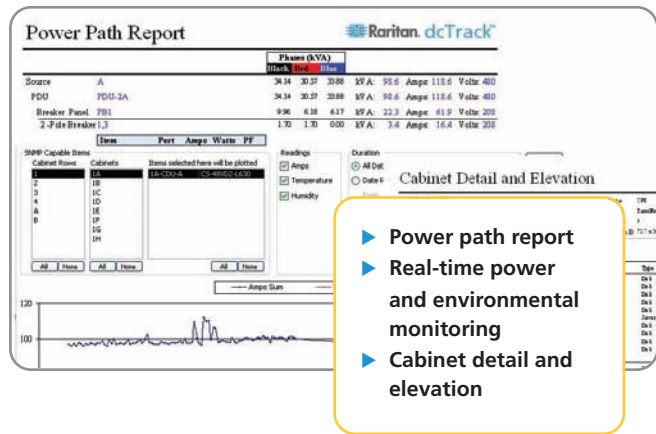
A Complete Solution with Training and Support

- ▶ dcTrack is a full-featured, all-in-one solution with all features included
- ▶ Pay-as-you-grow, rack-based license model results in superior customer value
- ▶ Software maintenance plans include documentation, training videos, library updates and software upgrades
- ▶ Implementation and training services available

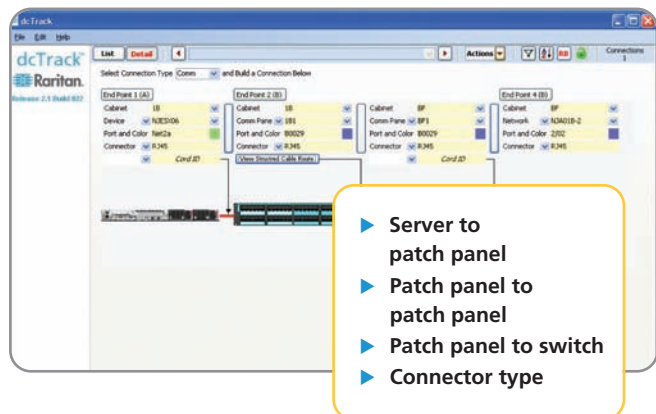
dcTrack Device Library



Reports and Search Utilities



End-to-End Multi-Hop Connections



Ready to learn more about Raritan's dcTrack?

Call 1.800.724.8090 or visit www.raritan.com/dcTrack today.