



dcTrack

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

Software Platform

dcTrack is a client/server software system and database that runs in a Microsoft® Windows® environment.

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” visualization, provisioning, change management and capacity planning for IT and facilities data center resources. With dcTrack, data center operations managers can maintain accurate views across the entire data center, including racks, servers, network, cabling, power, cooling and floor space. dcTrack can also track and visualize end-to-end power and data connections between all assets. By using dcTrack’s change management, data center managers can enforce best practices and meet ITIL guidelines.

A feature-rich solution that's easy to deploy and use

dcTrack is a mature, full-featured solution with detailed asset management, sophisticated visualization and analysis tools, complete power chain management, power and environmental monitoring, change management and IP address management. With dcTrack’s feature-rich, easy-to-use user interface, all interrelated tasks are executed from a single screen. dcTrack is an all-in-one solution with all features included; there are no additional modules to purchase. It easily adapts to the customer’s existing processes. Furthermore, dcTrack’s pay-as-you-grow pricing model better reflects actual usage – and offers more value than competitive solutions.

Efficiently Manage Your Data Center with dcTrack

- ▶ Gain a detailed, accurate model of your entire data center
- ▶ Master data center complexity and practice proactive management
- ▶ Reduce energy usage and evolve to a green data center
- ▶ Optimize equipment utilization and reduce capital spending
- ▶ Implement ITIL, comply with Sarbanes-Oxley and other regulations
- ▶ Reduce mean time to repair; eliminate manual effort; reduce costs

Sophisticated Visualization, Analysis and Reporting

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

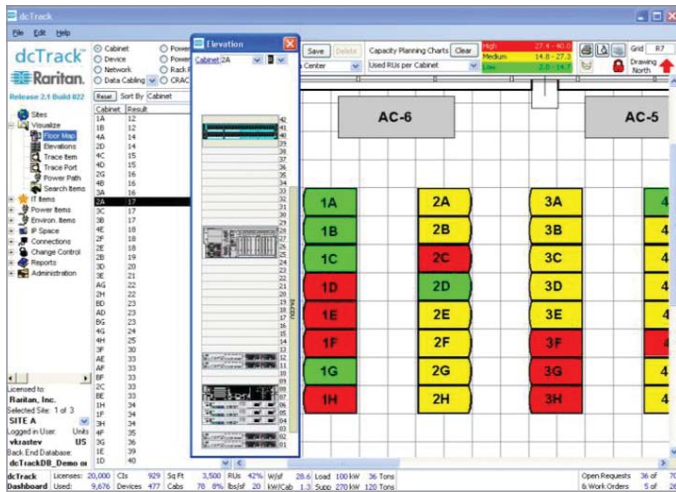
Asset Management and Tracking

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

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

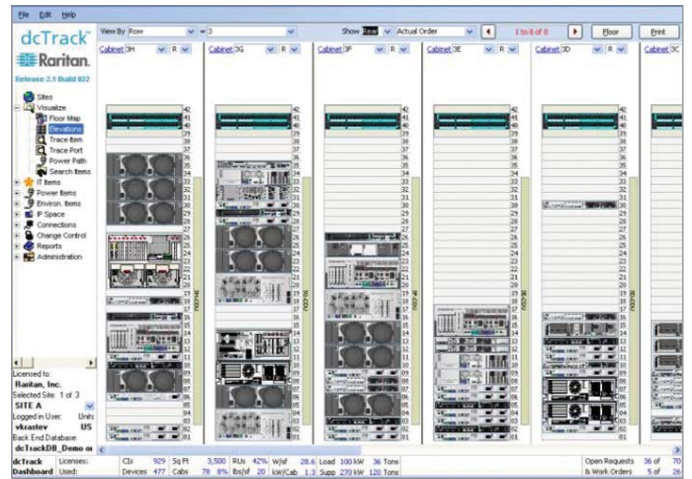
Visualize Floor Map

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 distributions.



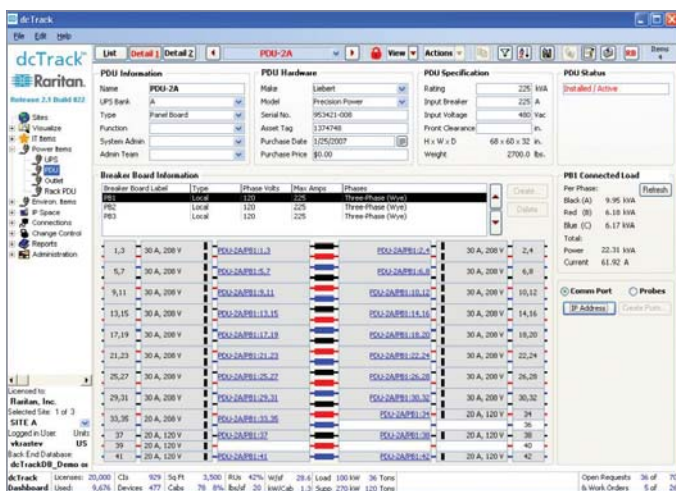
Visualize Cabinet Elevations

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.



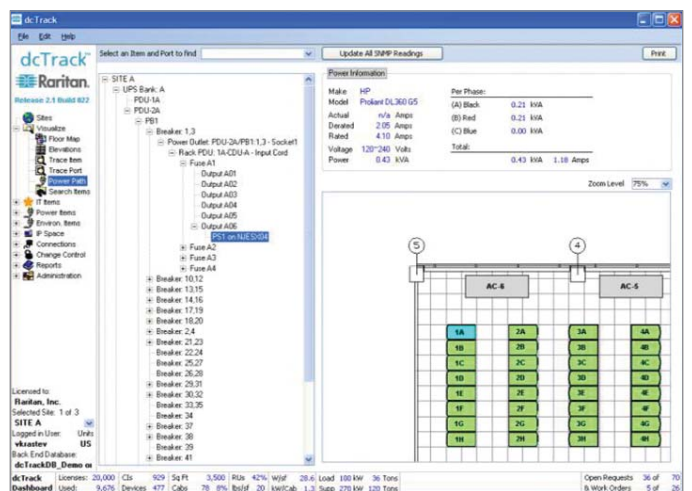
Complete Power Distribution Management

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.



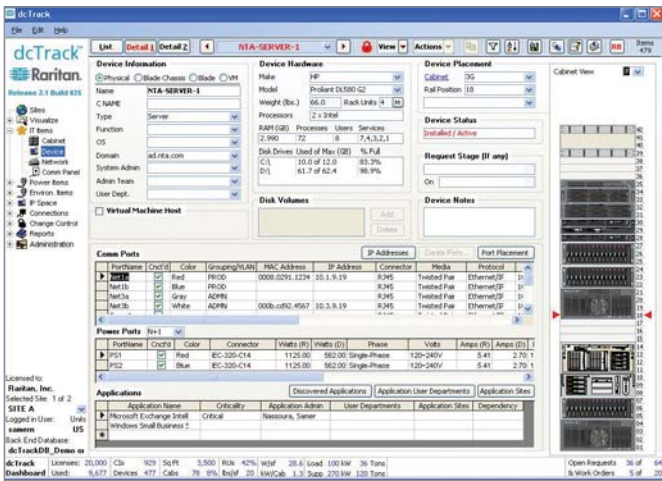
Visualize Power Path

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.



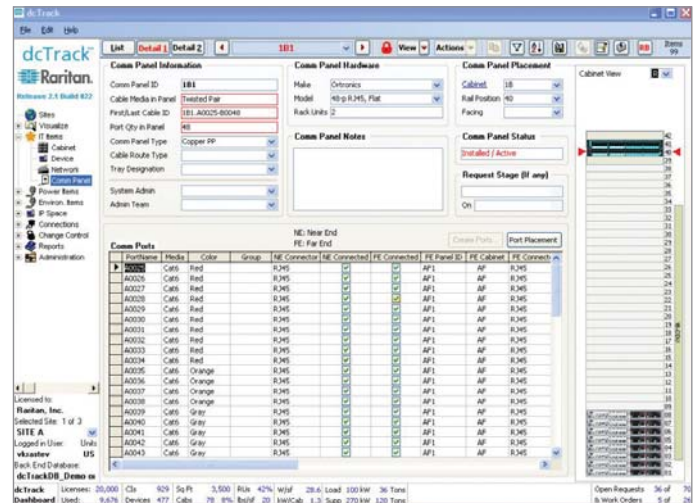
Server and Network Devices

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.



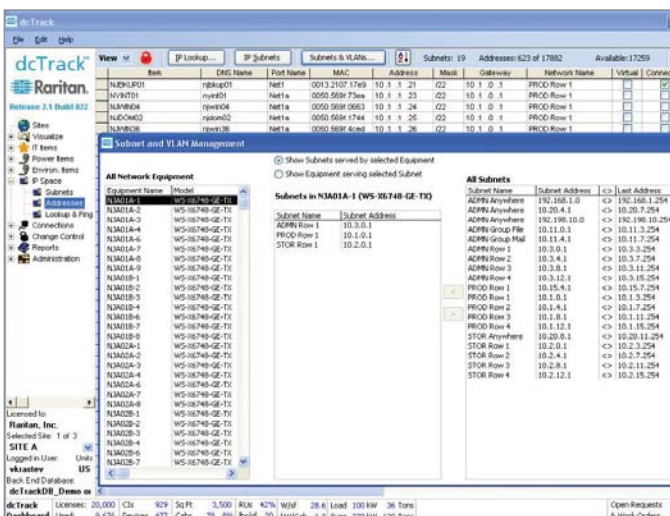
Data Cabling Items

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.



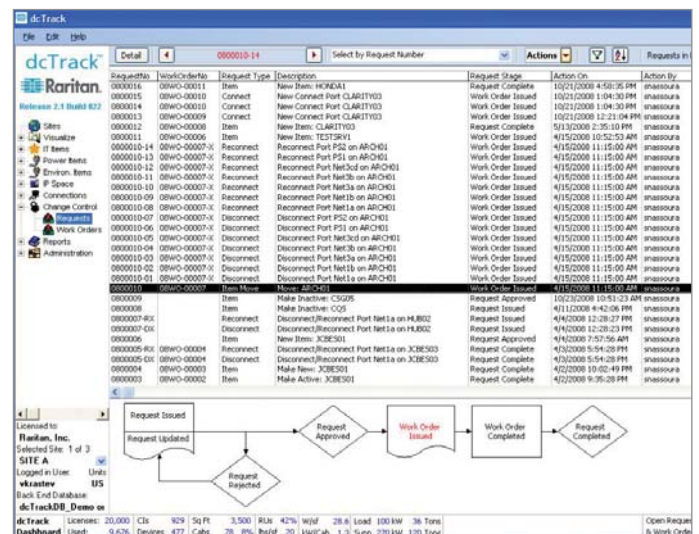
IP Address and VLAN Management

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 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 in real time
- ▶ 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
- ▶ Generate, schedule and forward work orders to technicians

IP Address Management

- ▶ Manage network switches and ports
- ▶ Define subnets using an intelligent IP address calculator
- ▶ Manage VLANs by mapping IP subnets to network switches

Easy to Deploy and Use

- ▶ dcTrack is an intuitive, flexible solution that easily adapts to customer environments
- ▶ dcTrack contains an extensive visual library of devices
- ▶ dcTrack does not require extensive professional services
- ▶ The import wizard will read any existing customer spreadsheets and validate the imported data

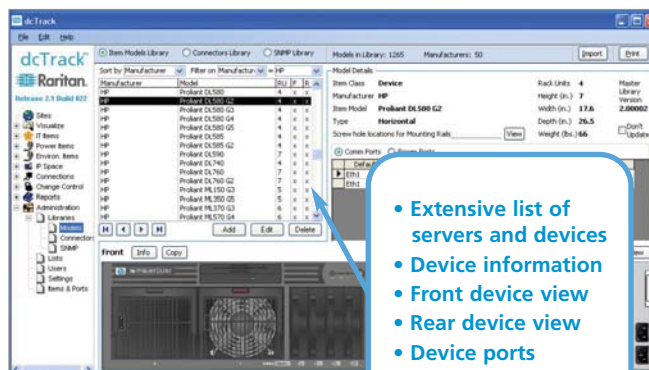
A Complete Solution with Training and Support

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

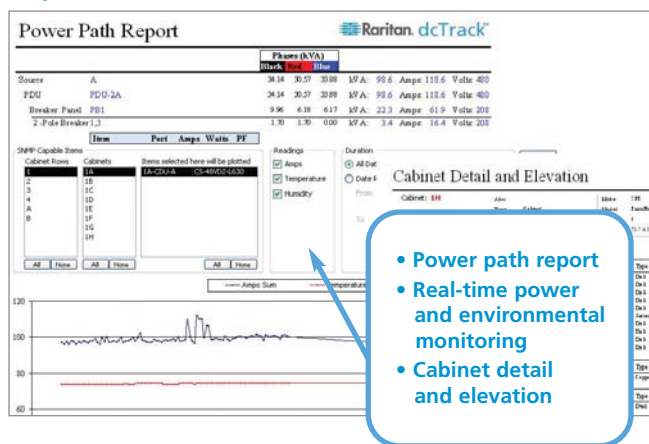
Standard Windows Platform

- ▶ dcTrack is a client/server system that runs in a Microsoft Windows environment

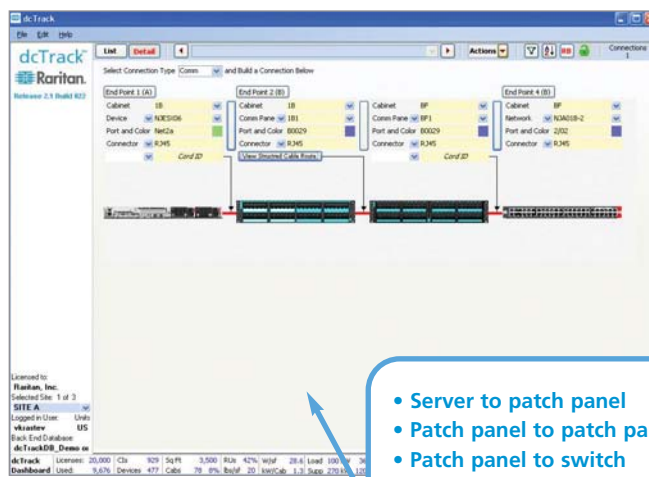
dcTrack Device Library



Reports and Search Utilities



End-to-End Multi-Hop Connections



Ready to learn more about Raritan's dcTrack?

Call +44 (0)20 7090 1390 or visit www.raritan.co.uk/dcTrack

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