nlyte Software

ENLIGHTEN YOUR DATA CENTER

TAKE CONTROL OF THE CHAOS

nlyte IS YOUR DATA CENTER INFRASTRUCTURE MANAGEMENT SOLUTION

PTS
DATA CENTER SOLUTIONS

For More Information:
(866) 787-3271
Sales@PTSdcs.com

REIN IN RUNAWAY UTILITY BILLS

nlyte REDUCES DATA CENTER OPERATING EXPENSES BY UP TO 20% ANNUALLY

MEETING TODAY'S DATA CENTER MANAGEMENT CHALLENGE

Data centers are far more complex and difficult to manage than ever before. Many data center managers are trying to manage these dynamic and complex environments with little more than a spreadsheet and a few CAD drawings. Managing today's IT infrastructure has its challenges:

- Utilization, despite technology advances, is still very low
- Increasing demand for IT to meet changing business needs
- Power and cooling accounts for 40% of the total budget
- Over 50% of existing data centers will be out of space within 3 years

All this leads to decreased data center efficiency and spiraling costs. The answers to these challenges require more than knowledge; they require true "enlightenment".

nlyte Software is a leading provider of data center infrastructure management (DCIM) solutions. We offer the most complete, performance-based solution for DCIM, combining next generation software, proven best practices, and unsurpassed expertise in data center management. We enable intelligent capacity planning resulting in the most efficient use of power, cooling and space through the optimal placement of data center assets.

The nlyte solution provides a rapid ROI by:

- reducing data center operating expenses by up to 20% annually
- reducing the time to deploy new assets by up to 50%
- prolonging data center life by up to 75%
- helping to attain a power usage effectiveness (PUE) rating of 2.0 or less

THE ONLY COMPLETE, PERFORMANCE-BASED SOLUTION FOR DCIM

nlyte Software provides a complete solution for data centers that delivers the insight and best practices needed to visualize, control and predict data center capacities including space, power, cooling and network connections. The nlyte Software solution allows companies to:

- intelligently manage their power consumption
- shrink their carbon footprint
- optimize critical data center infrastructure
- drive down costs

"With nlyte, we not only freed up half a megawatt of power, but also extended the life of our data center from five years to 15 years. As a result, our CIO has been able to reallocate budgets from about 70% for operations and 30% for development to 40% for operations and 60% for building tools for the business."

Ron Pepin, Vice President and General Manager of Data Center Operations at PNC Financial Services

TURN INFORMATION INTO INSIGHT

nlyte HELPS PROLONG DATA CENTER LIFE BY UP TO 75%

FOUNDED BY DATA CENTER PROFESSIONALS

nlyte Software was founded by data center professionals for data center professionals. The nlyte suite provides a comprehensive view of all data center assets, supports automation for Move, Add and Change (MAC) management, maps and maintains the relationships between assets, asset owners, and support personnel, and monitors in real-time, key environmental metrics and data center power consumption.

DATA CENTER INFRASTRUCTURE MANAGEMENT

Specifically, Data Center Infrastructure Management (DCIM) is the ability to gain insight and drive performance throughout the data center including data center assets and physical infrastructure. The nlyte solution enables organizations to translate strategies into plans, monitor execution, and provide the insight needed to improve financial and operational performance.

The nlyte suite creates a complete data center management environment for improved business agility— from the point you set your goals through the discovery of what you have, visualizing where your assets are, modeling and controlling changes, reporting on the results and finally predicting your future. The nlyte solution gives you the insights and tools you need to connect these processes, keep a steady pulse on your data center, optimize resources and improve business performance.

We designed nlyte from the ground-up to address real-world data center problems and we enable data center managers to continuously improve the performance of their facilities by using nlyte to invoke a series of processes we call the nlyte Process Cycle.

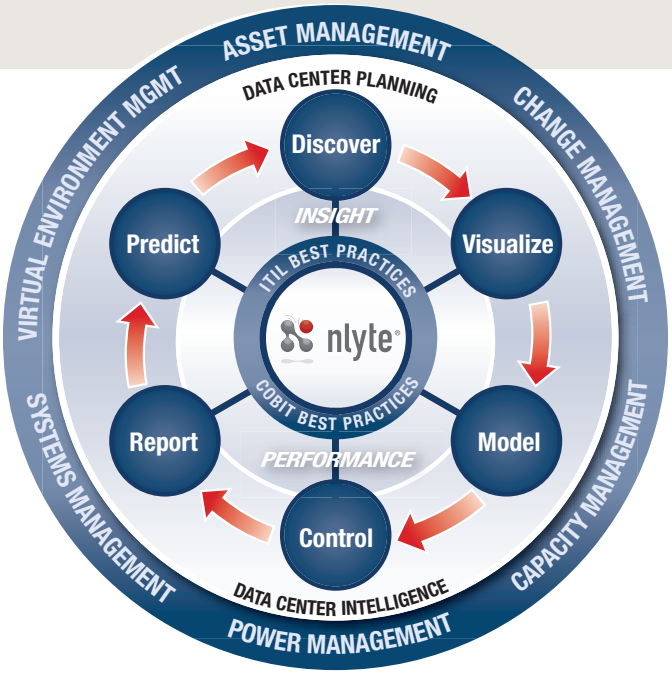
The nlyte Best Practice Process Cycle uses six steps (Discover, Visualize, Model, Control, Report, Predict) to help data center personnel get control of their data centers and make informed decisions for the planning and effective management of their data center assets and physical infrastructure.

"DCIM tools are evolving rapidly and will become a key part of a data center manager's arsenal during the next few years, providing valuable data needed to report on and improve energy efficiencies, identify potential infrastructure trouble spots and increase the effectiveness of capacity planning."

David Cappuccio, Research Vice President at Gartner

STREAMLINE PROCESSES AND BEST PRACTICE

nlyte REDUCES THE TIME TO DEPLOY NEW ASSETS BY UP TO 50%



THE nlyte PROCESS CYCLE

The six nlyte Process Cycle steps are described below:

1. Discover

You can't manage what you can't find. nlyte provides the ability to automatically search for IT assets, collect important data to speed implementation and keep your records up to date.

2. Visualize

Once your assets are accounted for, nlyte maps the logical data collected during the discovery process and creates a visual model of your entire data center estate.

3. Model

To effectively manage your assets, nlyte provides the ability to manipulate your virtual model of the data center, creating sophisticated "what if" scenarios to plan those Move, Add and Change (MAC) initiatives, before committing your team to implement the changes.

4. Control

After you have modeled your virtual changes, it's time to get them implemented. nlyte provides a robust, data center workflow process to ensure that your people are working together and using best practices to manage your data center estate.

5. Report

Your changes have been implemented, now it's time to measure the results. nlyte supports the real-time collection of data specific to power and environmental metrics and provides the business intelligence tools to deliver this information to management for review via a rich library of standard reports and dashboards.

6. Predict

When it comes to data center capacity, predicting the future can be the difference between "open for business" and "out of business." nlyte uses the historical data stored in the nlyte database to track trends and forecast future requirements for space, cooling and power.

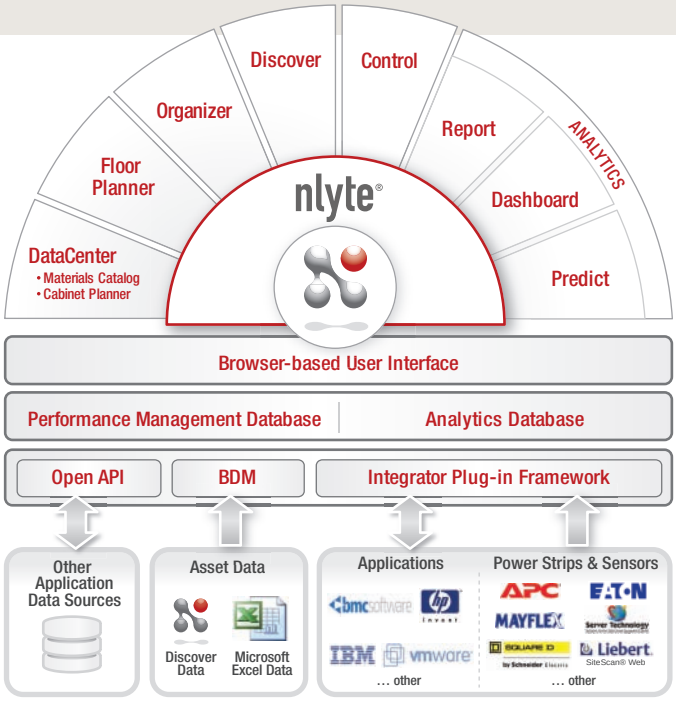
FAST IMPLEMENTATIONS

nlyte IS EASY TO DEPLOY AND USE

THE nlyte SOLUTION

The nlyte suite provides a complete solution for Data Center Infrastructure Management (DCIM) that can automatically Discover IT assets, Visualize the physical and virtual infrastructure, Model the Move, Add, Change (MAC) initiatives, Control data center processes and personnel, Report on progress using an integrated business intelligence engine including reports and dashboards, and Predict capacity resources well into the future.

The nlyte solution solves the issues faced by today's organizations, such as optimizing under-utilized IT equipment, working faster and smarter with less resources, and balancing and optimizing critical data center capacity resources including power, cooling and space. The nlyte solution is represented in the diagram to the right:



KEY BENEFITS

- Turns chaos into control
- Eliminates spreadsheets
- Recovers lost capacity
- Enables better forecasting decisions
- Lower data center PUE
- Extended data center life
- Enforces ITIL® best practices
- Rapid return on investment
- Improved lifecycle management
- Auditable operational controls
- Improved control of power consumption
- Visibility into key performance indicators
- Improved control of cooling requirements
- Reduced downtime costs
- Improved operational efficiency
- Online report generation
- Improved corporate governance
- Reduced energy costs

INCREASE EFFICIENCY—NOT IMPACT

nlyte HELPS REDUCE YOUR DATA CENTER'S CARBON FOOTPRINT

GREEN IT AND nlyte SOFTWARE

The cost of operating a data center is directly related to the cost of power. New equipment is continuing to offer improvements in performance and space, but these assets are requiring more and more operational and cooling power. This reality, combined with the growing cost of power and the effects on global climate are challenging enterprises to operate with higher efficiency and greater conservation.

Before a company begins the process of getting "greener", it is paramount that current power consumption rates are measured to accurately establish a benchmark for efficiency. The nlyte solution can be used to benchmark current power consumption through real-time feeds and equipment ratings and then model the effects of "green" initiatives on the data center's Power Usage Effectiveness (PUE) and Data Center Infrastructure Efficiency (DCiE) before actually committing resources to support the implementation. Using PUE to measure the effectiveness of data center power usage in terms of the computing power it contains, allows you to see how optimizing space, power and cooling can save money while reducing your carbon footprint. Using nlyte further extends these savings by modeling these changes virtually to measure their effect on PUE.

The nlyte solution offers relief for government legislation too. In order to help companies, nlyte Software provides a carbon footprint report for data centers to help reduce carbon emissions and avoid government penalties.

climate savers computing

Climate Savers

We are an affiliated member of the Climate Savers Computing Initiative, a non-profit organization dedicated to reducing computer power consumption. We are working to increase awareness and use of computer power management and to help our customers reach their data center energy efficiency goals.

ENERGY STAR PARTNER

ENERGY STAR Partner

We are an ENERGY STAR partner working to improve energy efficiency by continuing to introduce new features and functions into nlyte to help data centers reach their goals for reducing energy consumption.

CODE OF CONDUCT DATA CENTRES

EU Code of Conduct

We are an endorser of the EU Code of Conduct for Data Centers, which aims to improve the understanding of energy demand within the data center, raise awareness, and recommend energy efficient best practices and targets. We are committed to supporting the code and its participants through the development of our products and services.

the green grid™ member

The Green Grid

We are a member of The Green Grid, a global consortium dedicated to advancing energy efficiency in data centers and business computing ecosystems. Our membership in The Green Grid will enable us to inform decision-makers and influence initiatives for lowering both data center energy costs and the carbon footprint of IT in the enterprise.

ENLIGHTEN YOUR DATA CENTER

nlyte OFFERS THE MOST COMPLETE, PERFORMANCE-BASED SOLUTION FOR DCIM

BEYOND IT SERVICE MANAGEMENT

The IT Service Management (ITSM) discipline has helped many companies focus on improving their IT service support best practice processes, but companies tend to neglect implementing these processes within the physical domain of the data center.

The nlyte Best Practice Process Cycle broadens the ITSM discipline to the data center by enabling companies to integrate a set of processes (supporting ITIL best practices) to manage the data center including the overall physical infrastructure. This approach allows companies to reach a higher level of data center process maturity and deliver IT services aligned with business objectives.

ENLIGHTEN YOUR DATA CENTER WITH nlyte

The nlyte suite provides an integrated set of features and functions that enables total performance management for your data center. The nlyte solution integrates with other legacy data center applications (CMDB, Asset Management, Network Management) to provide a complete picture of the data center's physical infrastructure. With nlyte, we provide the tools and the processes to revolutionize data center management, ensure operational best practices, and resolve some of biggest issues facing data centers today.

Our goal is to empower IT professionals by providing software solutions and services that enable them to make informed decisions for the planning and effective management of their data center assets and physical infrastructure. nlyte Software is committed to the ongoing development, enhancement and support of the nlyte suite.

The nlyte solution allows you to:

- Easily implement and deploy in days versus months, with little to no professional services
- Deliver the service levels your stakeholders expect
- Streamline data center operations processes and implement best practices
- Properly plan and forecast future data center capabilities (space, power, cooling and network connections)
- Intelligently manage power consumption
- Drive energy efficient initiatives and shrink carbon footprint for a "Green Data Center"
- Optimize critical data center infrastructure
- Extend data center life span
- Drive down costs through effective utilization of the entire data center
- Reduce total cost of ownership

The nlyte solution is:

- **Powerful** – discover, visualize, model, control, report, predict
- **Faster to Deploy** – implement in weeks
- **Easier to Use** – web-based drag and drop technology
- **Green IT Focused** – reduce power and cooling requirements
- **Rapid Time to Value** – speed of deployment and ROI
- **Focused** – Data Center Infrastructure Management is all we do

Recent Awards

nlyte Software
ENLIGHTEN YOUR DATA CENTER

GLOBAL HEADQUARTERS
4040 Campbell Avenue, Suite 100 Menlo Park, CA 94025
Tel: (650) 561-8200 Fax: (650) 561-8201

UK & EMEA OFFICE
Riverside House, 26 Osiers Road London SW18 1NH
Tel: +44 (0)208 877 7200 Fax: +44 (0)208 877 7205

WEB **www.nlyte.com** EMAIL **info@nlyte.com**

Copyright © 2010 nlyte Software Limited. All Rights Reserved.
Designated trademarks and brands are the property of their respective owners.