

# nlyte DISCOVER

## DATA SHEET

The nlyte Data Center Performance Management (DCPM) solution is based on a set of best practice processes we call the DCPM Process Cycle. This Process Cycle uses six steps (**Discover, Visualize, Model, Control, Report and 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.

The nlyte Discover Module provides the ability to scan the data center network to automatically locate and collect physical assets and their properties. This Module complements the nlyte DCPM solution, which can **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, and **Predict** capacity resources well into the future.

### YOU CAN'T MANAGE WHAT YOU CAN'T FIND

When it comes to data center performance management, finding all your assets is the first step to getting your data center under control. In order for you to manage your data center assets, you need to automatically discover what you have. With nlyte, you have multiple options for data center asset data collection. Traditionally, much of this data is either in spreadsheets, in one or more Configuration Management Databases (CMDBs), in homegrown solutions, or in the head of your data center manager.

With nlyte Discover, we use a non-intrusive, agent-less discovery technology to inventory all your data center's networked IT assets and automatically load this information into the nlyte PMDB. We collect valuable information on CPU, memory, disk space, attached peripherals, operating system and networking along with data that helps us match these assets to their physical location in the data center.

With the optional Inventory Mode, the nlyte Discover Module supports additional data including the complete hardware inventory, software inventory, usage information, user information and software patching information.

You can schedule the nlyte Discover service to run periodically on your network or you can manually scan anytime. By configuring the nlyte Discover service, you control scan parameters, such as IP ranges, time and dates, device types or particular authorities.

The nlyte Discover Module compares the properties of discovered devices to those of assets in the nlyte PMDB. The weights of properties that match between a device and an nlyte asset are added to determine a matching score. Using threshold scores and rules managed using administration parameters, the nlyte Discover Module associates nlyte assets with the matching device, and creates nlyte assets to represent devices that are not in the nlyte PMDB and associates them with the corresponding device. If a device is not associated with an nlyte asset or created in the nlyte system, you can use the nlyte Bulk Data Manager to manually associate an nlyte asset with the device. This asset data provides support for better understanding your current state and lays the ground work for making changes to improve the efficiency of your facility by following the steps in our DCPM Process Cycle.

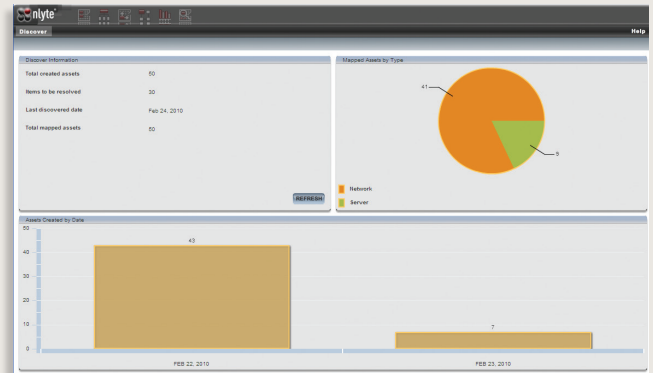
# nlyte DISCOVER

## nlyte DISCOVER KEY FEATURES

- Automatically discovers all networked assets within the data center (hardware, software, networking devices)
- Captures devices properties
- Automatically populates the nlyte Data Center PMDB
- Compares the properties of discovered assets to assets in the nlyte system
- Scans can be scheduled to run periodically or manually
- Agent-less discovery can be distributed, very low bandwidth and non-intrusive
- Integrates with existing infrastructure (CRM, ERP, Service Desk)
- Asset normalization for reliability
- Web-based GUI & SQL database
- Devices and properties captured using Audit Mode:
  - *Manufacturer*
  - *Model*
  - *Serial number*
  - *Operating system*
  - *IP addresses*
  - *MAC addresses*
  - *Number of processors*
  - *Memory installed*
  - *Disk installed*
  - *Network Interface Cards (NICs) installed*
  - *Processor information*
- Devices and properties captured using Inventory Mode:
  - *Users, Software and Patches*
  - *Plus hundreds of additional attributes*

## nlyte DISCOVER KEY BENEFITS

- Enhanced life cycle management
- Leasing, purchase & retirement tracking
- Warranty tracking
- ITIL compliance
- Sarbanes-Oxley (SOX) compliance reporting
- License compliance audit reporting
- Business planning and business intelligence such as Power Strips that are required to be monitored



**FIGURE 4. nlyte Discover Summary Screen**

The Discover tab in the nlyte web application provides summary information of created and associated assets.

## nlyte DISCOVER PROTOCOL SUPPORT

- WEBM
- TCP/IP
- SNMP
- WMI
- SSH
- RPC

## nlyte DISCOVER OPERATING SYSTEM SUPPORT

- Windows
- Solaris
- Linux
- HP
- AIX
- SCO
- Novell

## nlyte DISCOVER NETWORK SUPPORT

- Cisco
- Nortel
- Juniper