NIyte Asset Explorer

Your Single Source of Truth

DATA SHEET

NIyte Software

NIyte's Asset Explorer software is a NextGen IT Asset Management (ITAM) solution extending its discovery, inventory, and business intelligence engine to include facilities and IoT infrastructure and devices. Asset Explorer is a complete solution set that automatically collects and provides detailed information about every device connected to the network. The solution includes all the tools and technology to identify and visualize the results of the discovered assets – configuration attributes, services/processes, network connections, and applications.

Asset Explorer delivers the definitive Source of Truth for all other IT and business systems. Being agentless and protocol agnostic NIyte's NextGen Asset Explorer automatically discovers and inventories everything running on the network, delivering a complete Technology Asset Baseline. With the ability to collect hundreds of data points per asset the Business Intelligence engine delivers rich information for finance, compliance, security, and IT applications.

Discovery and Inventory
Single Source of Truth
Technology Asset Baseline
Automated scans
Automated reporting
Systems integration

What Asset Explorer Delivers

Financial Reconciliation / Cost Management

- Transparently and accurately manage license, support, and maintenance expenses
- Reconcile asset database(s) against ERP and fixed asset system
- Validate lifecycle disposition of any technology asset – installed, EOL, ghost
- Consolidate/reduce tools and systems to collect and report – Single Source of Truth

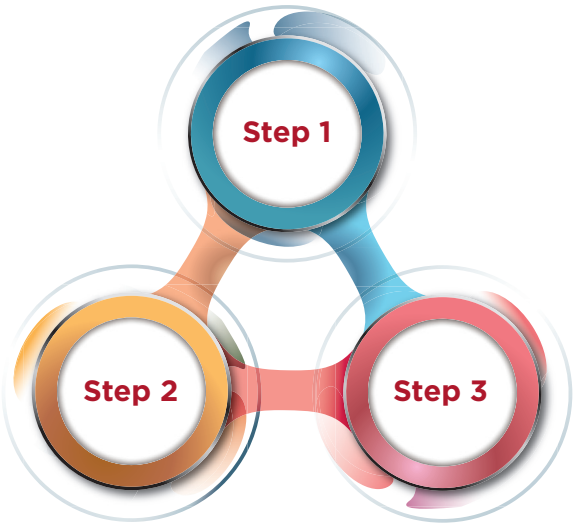
Compliance / Security / Risk Mitigation

- Deliver Asset Integrity by validating all access and change against IT and compliance policies
- Increase digital and access security by monitoring authorized/unauthorized changes and patch validation
- Improve regulatory compliance with accurate up-to-date audit trail and Change Management validation
- Ensure accountability for GDPR, HIPPA, SOX, PCI, ISO, and internal policies

IT Operations / Automation / SLA Improvement

- Simplify and automate asset data collection, inventory and Life Cycle Management
- Assist Service Desk SLA and improve troubleshooting accuracy with current validated asset location and configuration
- Improve disaster recovery RTO with accurate asset inventory and configurations at time of failure
- Achieve a self-aware data center with auto asset discovery improving CMDB accuracy
- Reduce manual activities associated with auditing, reporting, and workflow validation

Nlyte Asset Explorer



Unique Nlyte Features

- Broadest spectrum of assets captured across the entire organization's network – Desktop, data center, IoT, facilities devices
- Business Logic Technology engine's Single Source of Truth and interface with other Business Intelligence systems
- Agentless for improved accuracy, security, and reduced system impact
- Vendor and protocol agnostic
- Discovery beyond Windows and desktops
- Ghost VM discovery
- Network throttling and differential only scans for low network impact

How it works

Step 1

Asset Explorer's iScanner agentless NextGen Discovery engine walks the network and scans it for all devices that are powered on and discoverable. Subnet selectable scans are done across the entire organization's network including Data Center, Desktop/Laptop, Edge, and IoT devices.

For devices that are not continuously attached to the network (on the move) the Asset Explorer Beacon can be installed to collect data offline and uploading it when reconnected. For secure subnets a detached iScanner can be deployed locally.

Step 2

Once iScanner goes out and finds all the assets, it starts collecting the inventory data: How many assets, details about the asset, what is the internal information, what software is on it, etc. The inventory indexes and sorts dependencies for use by the Business Logic Technology engine.

Step 3

The Business Logic Technology engine normalizes the data for human consumption and delivers a Technology Asset Baseline. This base line becomes the foundation of the Single Source of Truth to be leveraged by other Business Intelligence (BI) systems. Now multiple types of reports can be run for IT, Finance, Security, and Compliance Audits. Also, Asset Explorer can directly interface in various push or pull configurations to other systems including: ERP, ITSM/CMDB, Directory Services, HR, and others.

Nlyte Asset Explorer

Assets Discovered

With over 100 potential attributes per asset reported

Desktop / Laptop / Windows Tablets - CPU (chassis), Monitor, Keyboard and mouse – directly attached peripheral: USB printer, external drive, etc.

Servers -
(Physical and Virtual) – single chassis device, blade-based server chassis and blades, virtual machine guests

Firmware

Application Software

Network Switch - all modules and ports

Network Router - all interfaces

Managed Power Strip / PDU

Networked Uninterruptible Power Supply (UPS), standalone units.

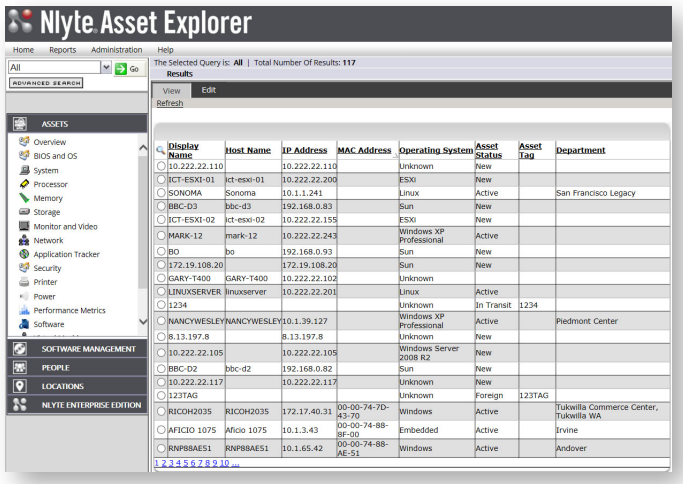
IoT devices - raspberry pi, medical device, webcam, etc.

Networked Controllers

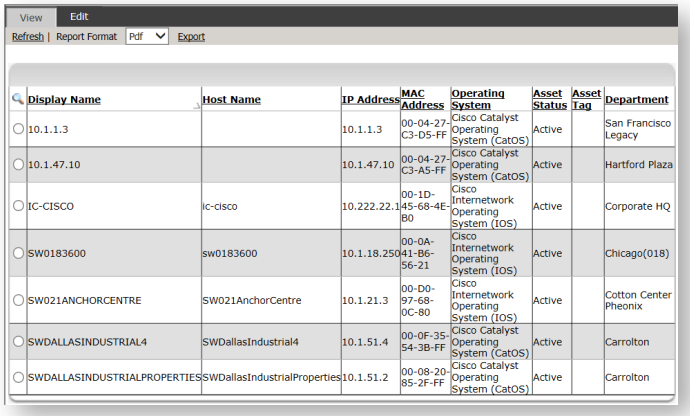
Managed CRAC/CRAH units

Network Printers, or multifunction printer type devices

VoIP telephones

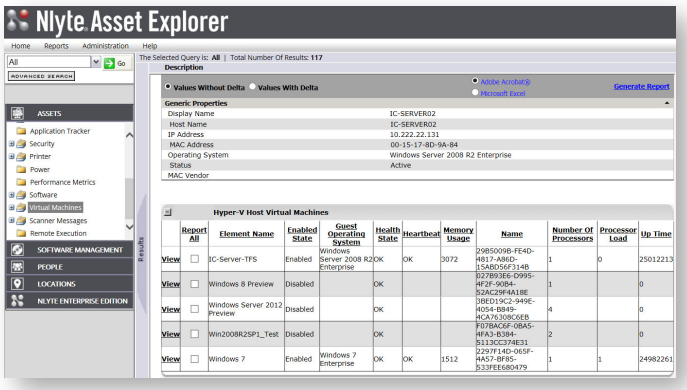


The Home page provides an overview of assets. Select an asset to view detailed information.



Display Name	Host Name	IP Address	MAC Address	Operating System	Asset Status	Asset Tag	Department
10.1.1.3		10.1.1.3	00-04-27-C3-D5-FF	Cisco Catalyst Operating System (CatOS)	Active		San Francisco Legacy
10.1.47.10		10.1.47.10	00-04-27-C3-A5-FF	Cisco Catalyst Operating System (CatOS)	Active		Hartford Plaza
IC-CISCO	ic-cisco	10.222.22.1	00-1D-45-68-4E-B0	Cisco Internetwork Operating System (IOS)	Active		Corporate HQ
SW0183600	sw0183600	10.1.18.250	00-0A-41-B6-56-21	Cisco Internetwork Operating System (IOS)	Active		Chicago(018)
SW021ANCHORCENTRE	SW021AnchorCentre	10.1.21.3	00-D0-97-68-0C-80	Cisco Internetwork Operating System (IOS)	Active		Cotton Center Pheonix
SWDALLASINDUSTRIAL4	SWDallasIndustrial4	10.1.51.4	00-0F-35-54-3B-FF	Cisco Catalyst Operating System (CatOS)	Active		Carrolton
SWDALLASINDUSTRIALPROPERTIES	SWDallasIndustrialProperties	10.1.51.2	00-08-20-85-2F-FF	Cisco Catalyst Operating System (CatOS)	Active		Carrolton

Detailed, exportable search results.



VM Server/Host w/ a list of Guest VMs; identifies Host/Guest parent/child relationships.

Nlyte Asset Explorer

Asset Explorer is part of Nlyte's Technology Asset Management solutions designed to maximize the production value of all assets. Nlyte's Asset Explorer is an enterprise software solution that automatically collects detailed information about every device connected to the network. Asset Explorer can be used in conjunction with Nlyte's Software Asset Management solution and Application Tracker. Additionally with Asset Explorer, you can use prebuilt connectors to augment data flow and control to enterprise applications like Microsoft's SCCM, ServiceNow's CMDB, and Nlyte's Asset Optimizer.

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- Visit Us: **www.nlyte.com**

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About Nlyte

Since 2004 Nlyte has been committed to helping organizations optimize the management of their IT assets. Nlyte automates the discovery, workflow management, and reporting across the entire technology stack, physical, virtual, and edge, including software and IoT devices. Nlyte reduces costs and risk while improving efficiency and transparency for the entire organization.

The world's most sophisticated IT organizations use Nlyte's comprehensive out-of-the-box ready software solutions. Nlyte's commitment to optimize asset management, making it easier for people to do their job more efficiently and improve agility across the global organization, continues to develop a loyal following represented by a 98% retention of customers.