

# Nlyte Asset Explorer

Your Single Source of Truth

## DATA SHEET



Nlyte'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 Nlyte'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

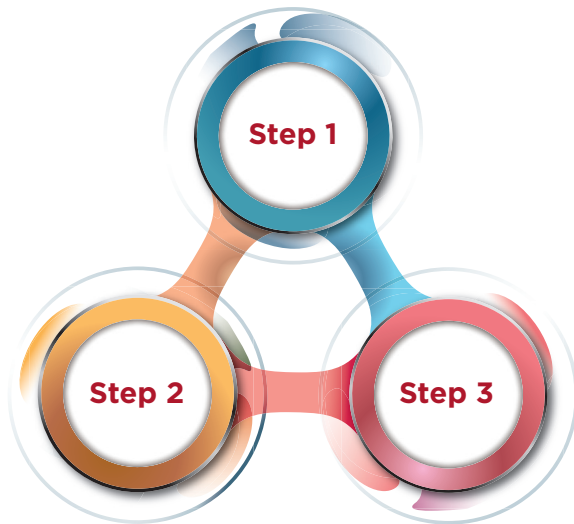
- Transparently and accurately manage license, support, and maintenance expenses
- Reconcile asset database(s) against ERP and fixed asset system
- Validate lifecycle disposition of any technology asset – installed, EOL, ghost
- Consolidate/reduce tools and systems to collect and report – Single Source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



## 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.

## 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

### 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.

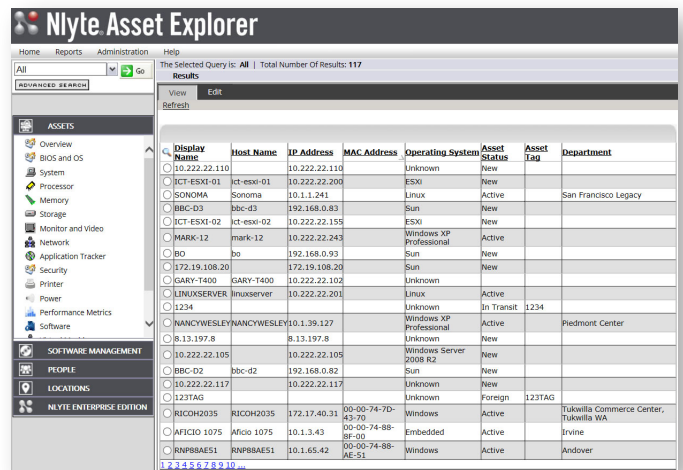
**IoT devices** - raspberry pi, medical device, webcam, etc.

**Networked Controllers**

**Managed CRAC/CRAH units**

**Network Printers**, or multifunction printer type devices

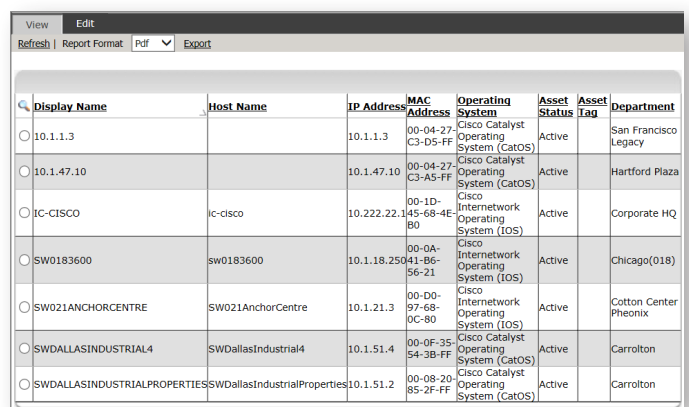
**VoIP telephones**



The screenshot shows the Nlyte Asset Explorer interface. The top navigation bar includes Home, Reports, Administration, and Help. Below the navigation bar, there's a search bar and a table of assets. The table has columns for Display Name, Host Name, IP Address, MAC Address, Operating System, Asset Status, Asset Tag, and Department. The table lists various assets including desktops, laptops, and servers.

Display Name	Host Name	IP Address	MAC Address	Operating System	Asset Status	Asset Tag	Department
10.222.22.110		10.222.22.110		Unknown	New		
ICT-ESXI-01	ict-esxi-01	10.222.22.200		ESXi	New		
SONOMA	Sonoma	10.1.1.241		Linux	Active		San Francisco Legacy
IBM-C3	ibm-c3	192.168.0.83		Sun	New		
ICT-ESXI-02	ict-esxi-02	10.222.22.155		ESXi	New		
MARK-12	mark-12	10.222.22.243		Windows XP Professional	Active		
BO	bo	192.168.0.93		Sun	New		
172.19.108.20		172.19.108.20		Sun	New		
GARY-T400	GARY-T400	10.222.22.102		Unknown	New		
LINUXSERVER	linuxserver	10.222.22.201		Linux	Active		
1234				Unknown	In Transit	1234	
NANCYWESLEY	NANCYWESLEY	10.1.39.127		Windows XP Professional	Active		Piedmont Center
8.13.197.8		8.13.197.8		Unknown	New		
10.222.22.105		10.222.22.105		Windows Server 2008 R2	New		
IBM-C2	ibm-c2	192.168.0.82		Sun	New		
10.222.22.117		10.222.22.117		Unknown	New		
123TAG				Unknown	Foreign	123TAG	
RICOH2035	RICOH2035	172.17.40.33	00-00-74-7D-43-70	Windows	Active		Tukwila Commerce Center, Tukwila WA
AFICIO 1075	AFICIO 1075	10.1.3.43	00-00-74-8B-BF-00	Embedded	Active		Irvine
RNPBSAE51	RNPBSAE51	10.1.65.42	00-00-74-8B-AE-51	Windows	Active		Andover

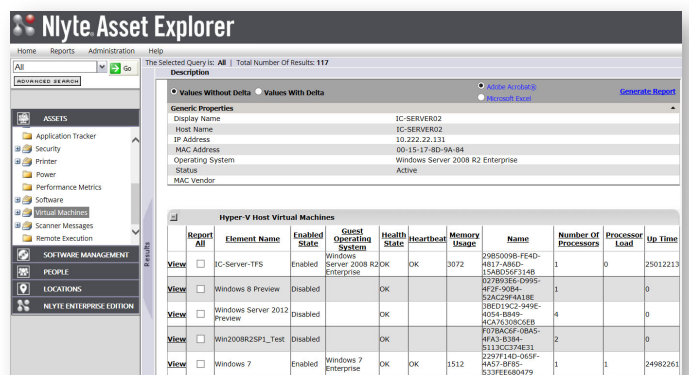
The Home page provides an overview of assets. Select an asset to view detailed information.



The screenshot shows the detailed view of an asset in Nlyte Asset Explorer. The top navigation bar includes View, Edit, Refresh, Report Format, Pdf, and Export. Below the navigation bar, there's a table of assets. The table has columns for Display Name, Host Name, IP Address, MAC Address, Operating System, Asset Status, Asset Tag, and Department. The table lists various assets including desktops, laptops, and servers.

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-F8	Cisco Catalyst Operating System (CatOS)	Active		San Francisco Legacy
10.1.47.10		10.1.47.10	00-04-27-C3-A5-F8	Cisco Catalyst Operating System (CatOS)	Active		Hartford Plaza
IC-CISCO	ic-cisco	10.222.22.145	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 Phoenix
SWDALLASINDUSTRIAL4	SWDallasIndustrial4	10.1.51.4	00-0F-35-54-3B-F8	Cisco Catalyst Operating System (CatOS)	Active		Carrollton
SWDALLASINDUSTRIALPROPERTIES	SWDallasIndustrialProperties	10.1.51.2	00-08-20-85-2F-F8	Cisco Catalyst Operating System (CatOS)	Active		Carrollton

Detailed, exportable search results.



The screenshot shows the detailed view of an asset in Nlyte Asset Explorer, specifically focusing on Hyper-V Host Virtual Machines. The top navigation bar includes Home, Reports, Administration, and Help. Below the navigation bar, there's a table of assets. The table has columns for Display Name, Host Name, IP Address, MAC Address, Operating System, Asset Status, Asset Tag, and Department. The table lists various assets including desktops, laptops, and servers.

Display Name	Host Name	IP Address	MAC Address	Operating System	Asset Status	Asset Tag	Department
IC-SERVER02	IC-SERVER02	10.222.22.131	00-15-17-8D-8A-84	Windows Server 2008 R2 Enterprise	Active		

Report All	Element Name	Enabled State	Guest Operating System	Health State	Heartbeat	Memory Usage	Name	Number of Processors	Processor Load	Up Time
View	IC-Server-TPS	Enabled	Windows Server 2008 R2 Enterprise	OK	OK	2072	208500B-FE4D-8B17-480D-154805F314B	1	0	25012213
View	Windows 8 Preview	Disabled		OK			02789305-0995-4F2F-6004-32AC29F4A18E	1	0	0
View	Windows Server 2012 Preview	Disabled		OK			38E516C2-549C-4054-B849-4C433580C0EB	4	0	0
View	Win2008R2SP1_Test	Disabled		OK			F078AC4F-08A5-4FAC-8384-B113C0274E31	2	0	0
View	Windows 7	Enabled	Windows 7 Enterprise	OK	OK	1512	5297142-060F-4A57-6F85-533FE680479	1	1	24982261

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.



## FOR MORE INFORMATION

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- Visit Us: [www.nlyte.com](http://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.