DynaMIB

Standards
- SNMPv2c
- SNMPv3

Supports
- IPv4 / IPv6
- AES Encryption
- SHA Hashing

Windows OS
- 7 SP1
- 8.1
- 10

Windows Server
- 2008 R2 SP1
- 2012
- 2012 R2
- 2016

SNMP Monitoring Service

DynaMIB is a service that allows live status monitoring and alert propagation from a wide variety of network-enabled devices, such as PCs, servers (Windows, Linux, Unix, and others), IP phones, managed switches and other networking equipment, as well as redundant power systems, commercial air conditioning units, and more. The monitored values can be almost anything, including system health metrics, uptime, temperature, bandwidth usage, number of current users, hardware/software/firmware versions, and much more.

This is accomplished via SNMP (Simple Network Management Protocol). SNMP is the standard protocol used by DynaMIB, which may both request the current status of a sensor or device over the network, as well as be automatically informed of a change in that status by the monitored device. SNMP is a protocol built into almost all of the most popular computing and networking devices (as well as other device types), and can thus be used across a wide range of equipment, without having to install anything at all on those remote systems.

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Key Features

Standards Compliant

DynaMIB supports SNMP version 2c and SNMP verson 3. SNMP Version 3 allows for encryption and authentication of data communicated between the SNMP service and each SNMP device. DynaMIB supports this suite of options, and does so using US NIST FIPS 140-2 certified implementations of the relevant cryptographic algorithms. Standards compliance means your organization already has equipment supported by DynaMIB.

LightHouse™ Integrated

DynaMIB feeds states and alerts to the Network Harbor LightHouse™ System. LightHouse™ is the premier systems integration platform, capable of collecting data from video, access control, intrusion detection, network monitoring, voice and text communications, alarms and more into a single coherent operator view subject to role-based permissions. Further integrations with other systems can allow messages to be automatically sent, or automatically send commands to integrated systems.
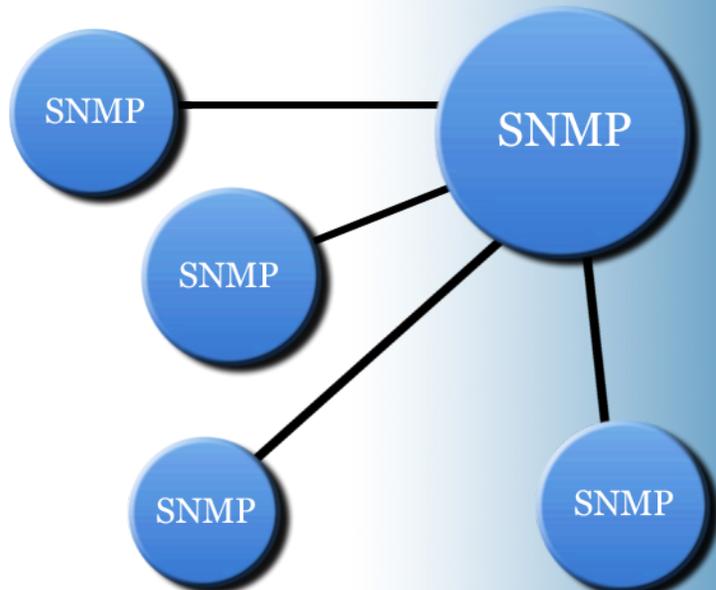
Customizable Monitoring

DynaMIB comes with support included for standard SNMP monitoring profiles (Management Information Base, or MIB), and the ability to load any manufacturer-provided profile - allowing DynaMIB to monitor any state or value the device manufacturer supports and the end-user desires. The standard monitoring profiles can be refined into templates, allowing for the rapid enrollment of large numbers of similar devices into the DynaMIB system, with the minimum amount of individual device configuration.

Use DynaMIB to:

- Monitor Network Connection Status & Traffic Levels
- Propagate Hardware Alerts to Operators & Administrators
- Gather Network & System Health Reports
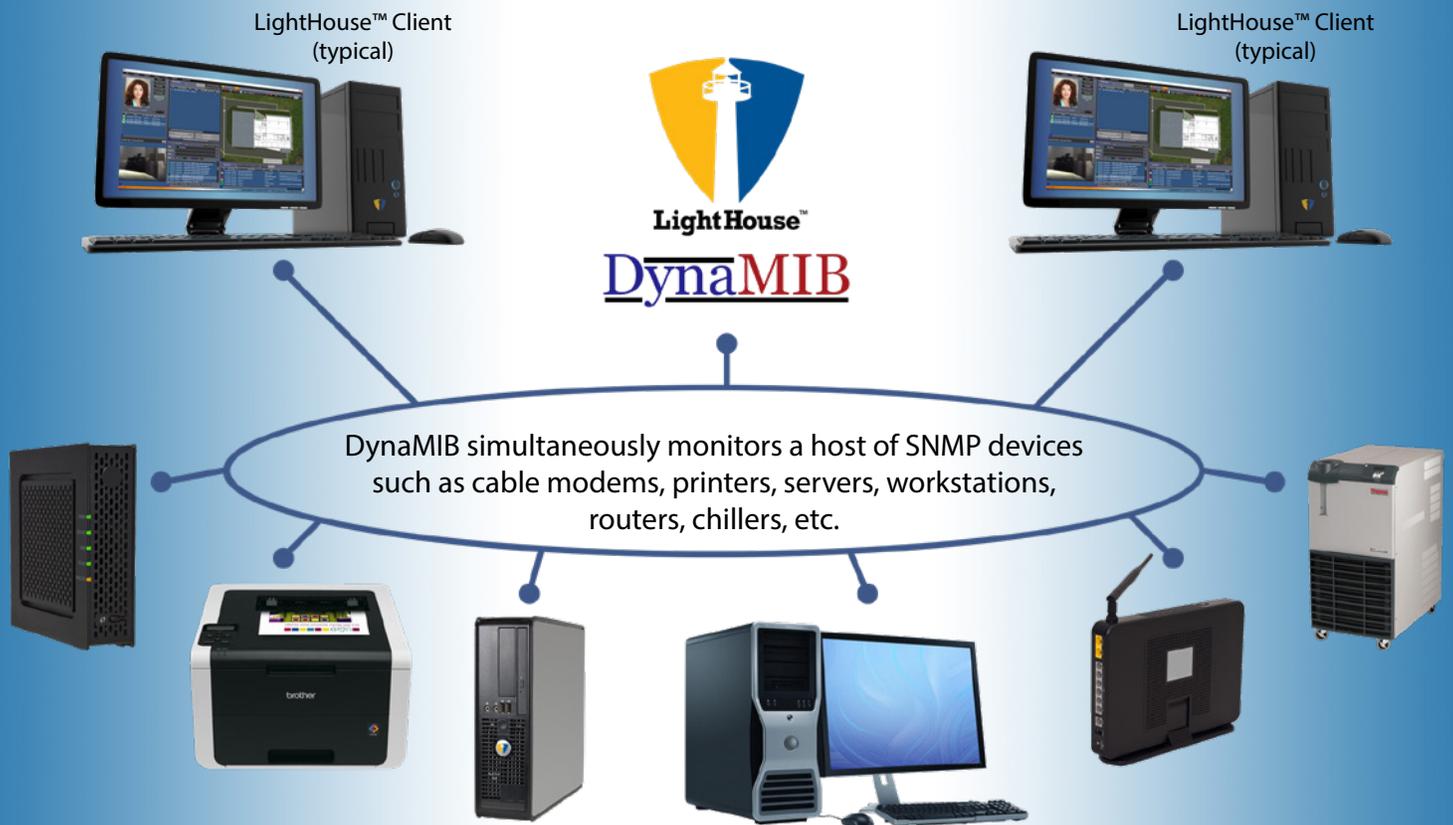- Lower Support Costs & Decrease Response Times

5607 South Washington St.
Bartonville, IL 61607

309.633.9118
sales@networkharbor.com

DynaMIB

LightHouse™ Client
(typical)

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(typical)

LightHouse™

DynaMIB

DynaMIB simultaneously monitors a host of SNMP devices such as cable modems, printers, servers, workstations, routers, chillers, etc.

DynaMIB is *LightHouse™ Ready.*
LightHouse™ is the world's leading PSIM / Building Management / Environmental integration platform that has achieved FIPS 140-2 validation. When DynaMIB is integrated with LightHouse™, full integration and system interoperability with access control, audio, environmental, alarm, mass notification systems and more, are all available. Learn more on our website at **www.NetworkHarbor.com**.

LightHouse™ Ready

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