



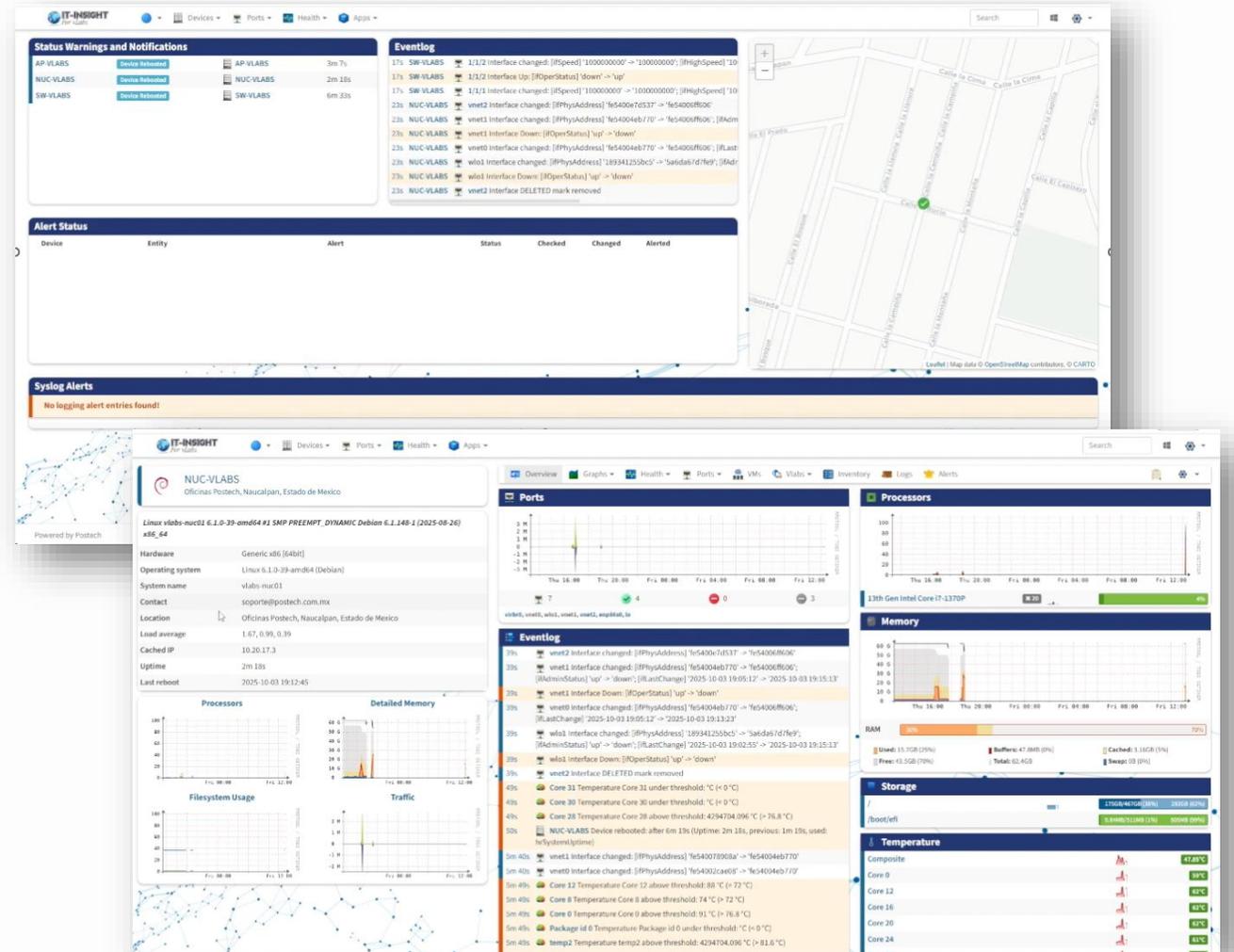
IT-INSIGHT

BROCHURE

IT Insight

SNMP -based solution for automatic discovery, intuitive visualization, and performance monitoring in enterprise environments, ISPs, and distributed networks.

Designed to be stable, low maintenance and compatible with a wide range of devices and systems.



WHY IT-INSIGHT?

What is IT Insight ?

IT- Insight is a network monitoring and management platform designed to offer:

- Automatic infrastructure discovery
- Historical performance metrics
- Clear visualization of topologies
- Centralized inventory of devices

It is designed for organizations that require a stable and flexible solution to monitor their network infrastructure and systems.

What problems does IT- Insight help solve ?	
 Lack of network visibility	Automatic discovery of devices, interfaces, VLANs , VRFs , and services.
 Absence of historical metrics	RRDtool- based performance charts for trend analysis.
 Late fault detection	Alerts based on rules with thresholds and logical conditions.
 Complexity in topology	Automatic network maps with views by device, port, VLAN, and BGP.
 Manual or outdated inventories	Automatic inventory of hardware, firmware, modules and sensors.

MAIN CAPABILITIES



Automatic Discovery

IT Insight automatically identifies:

- Devices
- Interfaces
- VLANs and VRFs
- Services
- Network topologies

Through protocols such as:

- SNMP
- LLDP, CDP, FDP, EDP
- ARP, OSPF, BGP, VRRP

Monitoring and Metrics

Available metrics:

- CPU, RAM and disk
- Traffic, errors, and interface saturation
- Environmental sensors (temperature, voltage, fans)
- BGP Sessions
- VLANs , VRFs
- Storage and filesystems
- Latency and availability (fping)

Performance graphs based on **RRDtool** .



Alerts and Notifications

Rule-based alerting engine with:

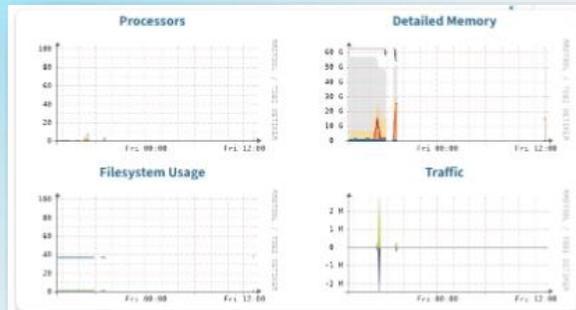
- Thresholds
- States

Combined logical conditions
Notifications by:

- E-mail
- Syslog
- Webhooks

DISPLAY

Visualization and Maps



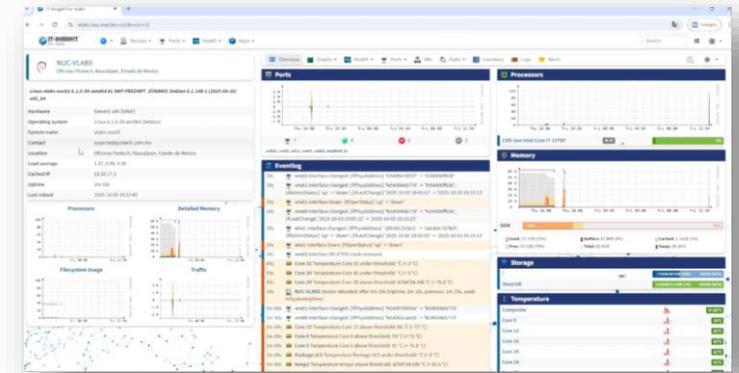
- Automatic topology maps
- Customizable Dashboards
- Views by:
 - Device
 - Port
 - VLAN
 - BGP
 - VRF
 - Services

Integrations and Extensions



- IPMI for server monitoring
- Libvirt for virtual machines
- WMIC for Windows Hosts
- APIs for automation (Professional / Enterprise editions)

Inventory and Management



Automatic inventory of:

- Hardware and software
- Firmware versions
- Serial numbers
- Modules and transceivers
- Sensors

With export capability depending on the edition.

COMPATIBILITY

Supported network manufacturers:



Systems and platforms:



Supported protocols:

- SNMP v1 / v2c / v3
- ICMP (fping)
- BGP, OSPF, VRRP
- LLDP, CDP, FDP, EDP
- IPMI
- Libvirt

Technical Requirements

- Operating system: Linux (Ubuntu, Debian, RHEL, CentOS, AlmaLinux , Rocky Linux)
- It is recommended to use the latest version of the distribution
- For small installations (up to 50 devices):
 - 4 core CPU
 - 512 MB RAM
 - 128 GB disk
- The sizing depends on the number of devices and ports monitored.



**THANK
YOU**

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