

## ▶▶▶ Remote Monitoring Software

N-View® 2 quickly identifies N-View enabled devices and provides centralized firmware management for supported N-Tron® managed switches. Easy-to-read monitoring pages display switch status and port traffic information for troubleshooting cabling and configuration issues.

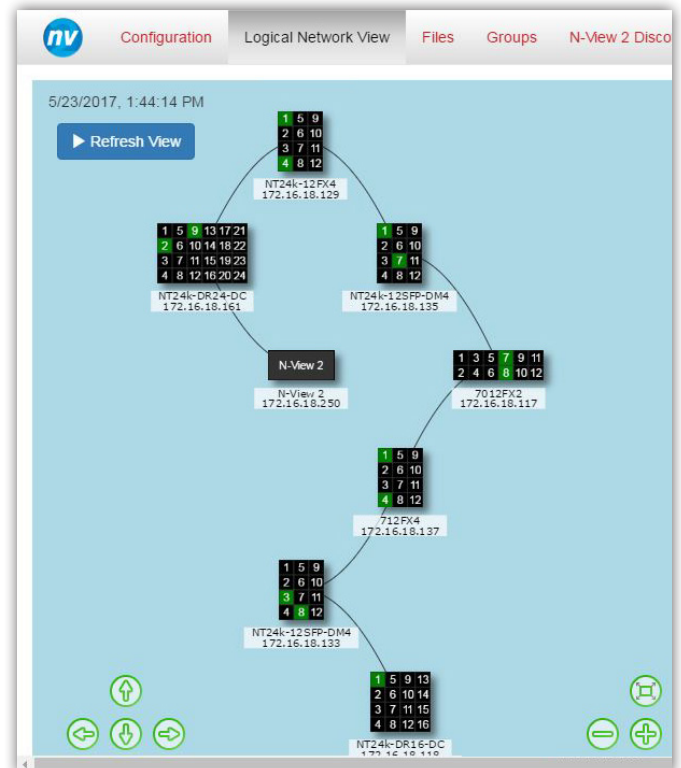
Advanced management functionality includes a visual map of discovered SNMP-enabled N-Tron series managed switches, duplicate IP address identification, and centralized firmware management. Scheduling capabilities allow firmware and bootloader upgrades to be set for immediate or future action. This enables users to maximize uptime by planning updates for user-defined groups or individual devices based on operational requirements.

### PRODUCT HIGHLIGHTS

- > Simplified identification and monitoring of N-View enabled devices
- > Schedule future or immediate switch firmware or bootloader updates by group, model or device
- > Clearly identify discovered devices with user-defined names
- > View status of each switch's ports concurrently
- > Perform a soft reset of port statistics within the application without re-booting the switch
- > View N-Tron series managed switches (SNMP (V1/V2) enabled) in a logical map
- > Automatic detection of duplicate IP addresses allows IP address change from the discovery window
- > Hyperlink from discovered IP address to the Web GUI for advanced configuration options
- > Export discovered devices, groups or port statistics to .csv file

### FEATURES & BENEFITS

- > Maximize efficiency
  - Access to switch and port level status indicators for all N-View enabled devices from one interface
- > Maximize productivity and minimize maintenance time
  - Single step device discovery and visualization of SNMP enabled devices
  - View switch model name, IP and MAC addresses as well as the MAC address of connected devices directly from the map
  - Create meaningful device names for easy identification
- Logically group SNMP enabled devices to suit operational requirements for updates (by model, location, function, etc.)
- Firmware updates can be deployed immediately for individual or defined groups or scheduled to update at future date and time
- Quickly identify and reassign duplicate IP addresses from the discovered device screen
- Easily hyperlink from discovered device tab to individual web browsers for advanced device configuration



Logical network view for at-a-glance port status visibility.

# N-View 2 Specifications

Status	Model Number	MAC Address	IP Address	Firmware Version	Bootloader Version
Poling Response	708FX2	00:07:AF:FF:C9:00	172.16.18.23	3.7.3	SNMP Query of Boot Version Not Supported on This Release
Online	708FX2	00:07:AF:FA:A2:60	172.16.18.30	3.7.3	SNMP Query of Boot Version Not Supported on This Release
Poling Response	708FX2	00:07:AF:F7:1B:90	172.16.18.32	3.7.3	SNMP Query of Boot Version Not Supported on This Release
Pushing firmware 3014 / 7539	708FX2	00:07:AF:F8:DC:60	172.16.18.21	3.7.3	SNMP Query of Boot Version Not Supported on This Release
Online	708FX2	00:07:AF:FF:8B:20	172.16.18.10	3.7.3	SNMP Query of Boot Version Not Supported on This Release
Online	708FX2	00:07:AF:F8:43:60	172.16.18.20	3.7.3	SNMP Query of Boot Version Not Supported on This Release
Pushing firmware 3014 / 7539	708FX2	00:07:AF:FA:9F:C0	172.16.18.31	3.7.3	SNMP Query of Boot Version Not Supported on This Release
Poling Response	708FX2	00:07:AF:E4:F8:50	172.16.18.22	3.7.3	SNMP Query of Boot Version Not Supported on This Release
Poling Response	708FX2	00:07:AF:F5:0B:D0	172.16.18.51	3.7.3	SNMP Query of Boot Version Not Supported on This Release

Easily monitor the progress of updates on screen.

Group Name	MAC Address	Model Number	IP Address
Group 1	00:07:AF:73:C0:A0	NT24k-8TX	172.16.20.169
Group 2	00:07:AF:75:14:40	NT24k-16TX	172.16.20.170
Group All	00:07:AF:7D:95:20	NT24k-16TX-POE	172.16.20.171
Group 3	00:07:AF:7E:AF:A0	NT24k-DC1	172.16.20.162
Group 4A	00:07:AF:EC:9A:40	NT24k-10FX2-POE	172.16.20.163
Group A			

Define switch groups based upon user and application parameters.

## N-VIEW 2 SWITCH INFORMATION

MAC Address	Model
Alias Name	IP Address
N-Ring State	Reset Counters

## N-VIEW 2 PORT STATISTICS

Port Number	Rx Excessive Disc Size
Speed Duplex	Rx Symb Errors
Usage %	Rx Undersize Packets
Tx Octets	Rx Oversize Packets
Rx Octets	Tx Broadcast Packets
Rx SA Changes	Tx Multicast Packets
Tx Dropped Packets	Tx Unicast Packets
Tx Collisions	Rx Good Octets
Tx Single Collision	Rx Broadcast Packets
Tx Multiple Collision	Rx Multicast Packets
Tx Deferred transmit	Rx Unicast Packets
Tx Late Collision	64 Octets Packets
Tx Excessive Collision	65 127 Octets Packets
Tx Frame In Disc	128 255 Octets Packets
Tx Pause Pkts	256 511 Octets Packets
Rx Dropped Packets	512 1023 Octets Packets
Rx Jabbers	1024 1522 Octets Packets
Rx Alignment Errors	N-Ring Version
Rx FCS Errors	N-Ring Enabled/Disabled
Rx Pause Pkts	Port Link Status
Rx Fragments	

## SWITCH-SPECIFIC CAPABILITIES

Switch Models	Discovery	Remote Monitoring	Firmware Management	Logical View
<b>Current Devices</b>				
NT24K	X	X	X	X
N-Tron 700	X	X	X	X
N-Tron 7000*	X	X	X	X
N-Tron 500-A	X	X		
N-Tron 500-N	X	X		
N-Tron 300-N	X	X		
<b>Legacy Devices</b>				
N-Tron 9000	X	X		
N-Tron 7014	X	X		
N-Tron 900-N	X	X		
N-Tron 400-N	X	X		
N-Tron 200-N	X	X		

\*Does not include N-Tron 7014

## MINIMUM SYSTEM REQUIREMENTS

Operating System:  
 Windows 7 (64 bit only)  
 Windows 8 (64 bit only)  
 Windows 8.1 (64 bit only)  
 Windows 10 (64 bit only)  
 RAM: 8GB  
 Processor: Core i5, or equivalent 2GHz or faster  
 HDD: 350MB free

N-View 2 is included with all N-View capable N-Tron switches or the latest version can be download at:

[www.redlion.net/DownloadN-View2](http://www.redlion.net/DownloadN-View2)

Specifications are subject to change. Visit [www.redlion.net](http://www.redlion.net) for more information.



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Connect. Monitor. Control.

**Americas**  
sales@redlion.net

**Asia-Pacific**  
asia@redlion.net

**Europe  
Middle East  
Africa**  
europe@redlion.net

+1 (717) 767-6511

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