N-Tron® Series
NT5000 Gigabit Managed Ethernet Switches

Firmware Release Notes | November 2023
LP1195 | Revision B
Through Version 1.2.3

COPYRIGHT

Red Lion Controls, Inc.
35 Willow Springs Circle
York, PA 17406

CONTACT INFORMATION:

AMERICAS
Inside US: +1 (877) 432-9908
Outside US: +1 (717) 767-6511
Hours: 8 am-6 pm Eastern Standard Time
(UTC/GMT -5 hours)

ASIA-PACIFIC
Shanghai, P.R. China: +86 21-6113-3688 x767
Hours: 9 am-6 pm China Standard Time
(UTC/GMT +8 hours)

EUROPE
Netherlands: +31 33-4723-225
France: +33 (0) 1 84 88 75 25
Germany: +49 (0) 1 89 5795-9421
UK: +44 (0) 20 3868 0909
Hours: 9 am-5 pm Central European Time
(UTC/GMT +1 hour)

Website: www.redlion.net
Support: support.redlion.net

Table of Contents

NT5000 Gigabit Managed Ethernet Switches

NT5000 Firmware Release Notes

Document Change History

VERSION	DATE	DESCRIPTION
1.2.3	November 2023	Release 1.2.3 System Firmware
1.1.6	February 2023	Release 1.1.6 System Firmware

NT5000 System Firmware

Firmware Release Version 1.1.6 to 1.2.3 Delta

Feature Enhancements

- N-Ring™ Manager
- DHCP Server with option 61 and Relay Agent with option 82
- Syslog support for up to 5 collectors

Web UI Improvements

- Added the ability to export the event log via the web user interface
- Added the ability to make a copy of the config file(s)
- Added a description for the notification column in the help of the LLDP ports page
- Added gateway to the IP interfaces table
- Changed the text on the User Lockout webpage from "Mode" to "Enabled"
- Changed the Ports settings page to show the correct PVID when VLANs have been removed
- Changed the text in Ports under Port Security from "Mode" to "Enabled" and changed the dropdown selection to a green slider
- Changed the Alarms History to display the most recent alarm event at the top of the list
- Product Info page no longer displays bootloader as it is part of the firmware
- Eliminated the VLAN learning menu tab when the user does not have VLAN privileges
- Eliminated duplicate UI errors that occur when port config privileges are removed
- Added SSL certificate status to the HTTPS webpage
- Added the ability to upload HTTPS certificates from the web UI
- Corrected timeout error in HTTPs file transfer process. If errors are encountered while updating the NT5000 from 1.1.6 to 1.2.3, the use of TFTP or N-View™ 2 to update the firmware is recommended.

SNMP Enhancement

- Added support for voltage and temperature

IGMP

- Corrected issue when multiple switches erroneously report status as the active querier
- Changed IGMP fast leave to active by default
- Updated IGMP CLI command to show rFilter port status

RADIUS

- Added RADIUS tags for setting user specific privileges

REDLION®

Previous Versions

Firmware Release Version 1.1.5 to 1.1.6 Delta

- Resolved momentary drop in traffic during fast boot
- Repositioned error flags on even and odd ports on logical view to avoid overlap
- Resolved issue with DHCP IP address in N-View™ frames
- Fixed size of factory default warning dialog
- Fixed quick setup page to resolve issue that would not allow some buttons to be pressed or help dialog to display
- Updated help text

NT5000 Gigabit Managed Ethernet Switches