Firmware for NPort S9650I Series Release Notes

Version: v1.4	Build: Build 26042711
Release Date: May 15, 2026	

Applicable Products

NPort S9650I Series

Supported Operating Systems

N/A

New Features

• Web console supports SNMPv3 Agent and SNMPv3 Trap.
• Increases the SNMP account password length to up to 64 characters for the web console.
• Adds SHA-256 and SHA-512 to SNMPv3 authentication types and adds AES to SNMPv3 privacy for the web console.
• Supports SNMPv3 Trap settings.
• Web console supports Modbus Slave ID Offset function in Modbus mode.
• Adds account login fail lockout enable function on web, Telnet, and SNMP consoles.
• Adds SNMP version get function for SNMP.
• DSU/web console supports a maximum password length of up to 64 characters.

Enhancements

N/A

Bugs Fixed

• SNMPv3 usernames that are long cannot be accessed properly.
• DSU timeouts cause the NPort to get stuck when exporting the configuration.
• Certain password character combinations are causing encoding and decoding errors.

Changes

• Changes the PHY register to isolation mode to prevent BPDU packets from being sent back when the link goes down.

Notes

N/A

Version: v1.3	Build: Build 24120218
Release Date: Apr 08, 2026	

Applicable Products

NPort S9650I Series

Supported Operating Systems

N/A

New Features

• Supports a new flash and real-time clock because of component end of life.

Enhancements

N/A

Bugs Fixed

N/A

Changes

• Prevents downgrading the firmware version to v1.2 or prior on the new hardware platform.

Notes

N/A

Version: v1.2	Build: 24061114
Release Date: Jun 11, 2024	

Applicable Products

NPort S9650I Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- A certificate import issue.
- import of chain certificates not supported.
- Allow PEM files to include bag attributes in the certificate.
- User cannot log in into the web console via RADIUS.
- An issue with the SNMPv3 engine boot up.

Changes

- Disables SNMP by default.
- Disables HTTP by default.
- Removes cipher suites with CBC and SHA1 when using strong ciphers.
- When strong ciphers are enabled, automatically disables TLS 1.0/1.1 and locks it to prevent changes.
- Stops listening on port 23 when Telnet is disabled.

Notes

N/A

Version: v1.1	Build: Build 21102722
Release Date: Nov 01, 2021	

Applicable Products

NPort S9650I Series

Supported Operating Systems

N/A

New Features

- Enables HTTPS console by default only with TLS 1.2.
- Supports MXconfig, MXview, and MCC Tool.
- Adds a notification regarding the length of the password for sensitive data.

Enhancements

- Supports the MMS control blocks machine PhyHealth (LPHD) and serial Status (LPSP)..
- Solves security issues:
  - CVE-2011-1473 and CVE-2014-0224
  - CWE-384, CWE-269, CWE-266, CWE319, CWE-307, and CWE-200
- Upgrades OpenSSL to v1.1.1l.
- Upgrades Dropbear to 2020.80.
- Records username, source IP, and port number in "Event Log" and "System Log".
- Disables Telnet console by default.
- Disables TLS 1.0/1.1 by default.
- Rejects an unrecognized host header packet when HTTP is enabled.
- Supports redirecting HTTP requests to HTTPS service.
- Supports facility value in the syslog server.
- Supports strong ciphers for the HTTPS/SSH console.

Bugs Fixed

- Sometimes, PTP slave may not sync with PTP server.
- NPorts should not support IP forwarding.

Changes

N/A

Notes

N/A

Version: v1.0	Build: Build 16081910
Release Date: Nov 20, 2018	

Applicable Products

NPort S9650I Series

Supported Operating Systems

N/A

New Features

• First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A