



## Firmware for NPort S9650I Series Release Notes

<b>Version: v1.4</b>	<b>Build: Build 26042711</b>
<b>Release Date: May 15, 2026</b>	

### 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



<b>Version: v1.3</b>	<b>Build: Build 24120218</b>
<b>Release Date: Apr 08, 2026</b>	

### **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



<b>Version: v1.2</b>	<b>Build: 24061114</b>
<b>Release Date: Jun 11, 2024</b>	

**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



<b>Version: v1.1</b>	<b>Build: Build 21102722</b>
<b>Release Date: Nov 01, 2021</b>	

### **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



<b>Version: v1.0</b>	<b>Build: Build 16081910</b>
<b>Release Date: Nov 20, 2018</b>	

**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