



## Firmware for NPort 5100 Series (for NPort 5110) Release Notes

<b>Version: v2.10</b>	<b>Build: Build 21032913</b>
<b>Release Date: Mar 31, 2021</b>	

### Applicable Products

N/A

### Supported Operating Systems

N/A

### New Features

- Supports the MCC Tool.
- Added a notification regarding the limitation on the length of sensitive data.

### Enhancements

- Solved security issue: CVE-1999-0511.

### Bugs Fixed

- NPort might hang when using in a public network.
- NPort did not send SNMP Authentication Failure trap.
- Unable to get complete network info when max connection was full with NPort Fixed TTY driver.
- Force transmit time could not work when it was set at 20 ms in UDP operation mode.
- The default gateway was invalid when the IP address ended with ".0".
- NPort should not support IP forwarding.
- NPort sent a DUP ACK while handshaking.
- Saved configuration from DHCP server to flash too frequently.

### Changes

N/A

### Notes

N/A



<b>Version: v2.9</b>	<b>Build: Build 17103018</b>
<b>Release Date: Nov 14, 2017</b>	

**Applicable Products**

NPort 5110, NPort 5110-T

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

- ICS-CERT ICS-VU-923791: Moxa NPort 5110 flood attack vulnerability report.

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A



<b>Version: v2.8</b>	<b>Build: Build 17090114</b>
<b>Release Date: N/A</b>	

**Applicable Products**

NPort 5110, NPort 5110-T

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

- ICS-CERT ICS-VU-398374: Moxa NPort 5110 Ethernet leaking vulnerability report.
- ICS-CERT ICS-VU-034903: Moxa NPort 5110 vulnerability report.

**Bugs Fixed**

- Pair connection mode cannot resolve domain names.

**Changes**

N/A

**Notes**

N/A



<b>Version: v2.7</b>	<b>Build: Build 17030709</b>
<b>Release Date: N/A</b>	

**Applicable Products**

NPort 5110, NPort 5110-T

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

N/A

**Bugs Fixed**

- TCP/IP protocol may stop responding: CNCERT CNVD-2016-12094.
- The user's password and SNMP community name may be exposed by a buffer overflow issue.

**Changes**

N/A

**Notes**

N/A



<b>Version: v2.6</b>	<b>Build: Build 16100411</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

NPort 5110, NPort 5110-T

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Enhanced web login security and supports 5 users logged in simultaneously.
- Extended HTTP challenge ID length from 32 bits to 256 bits.
- Enabled the default password "moxa".
- Increased CSRF protection mechanism.
- Increased XSS protection mechanism.
- The IP address of the NPort can be set to an address ending with 0 or 255.
- Supports "ARP probe" in RFC5227. NPort would respond for ARP requests with sender IP address 0.0.0.0.

### **Bugs Fixed**

- NPort cannot send email using Google's SMTP server.
- In pair connection mode, master does not pull down RTS/DTR signal after the TCP connection is broken.
- Command port sends lots of "D\_ASPP\_CMD\_ALIVE" packets after running for 50 days.
- NPort may reboot or hang from several buffer overflow attacks through Telnet, SSH, DSCI, SNMP, HTTP, and HTTPS.

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v2.5</b>	<b>Build: Build 15041515</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

NPort 5110, NPort 5110-T

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Uses model name instead of "NULL" for SNMP object "sysDescr".
- Supports connecting to the server by domain name and the server IP will change dynamically.
- Supports updating the ARP table by gratuitous ARP.
- Improved the URL encoding issue when typing the character '@' on the email trap settings page in Firefox.

### **Bugs Fixed**

- If an SNMP GETNEXT command is issued on an object that does not exist, 'no such name error' is displayed.
- When DHCP renews IPs, if the IP was originally given by a relay agent, NPort should send a DHCP request to the relay agent, not the DHCP server.
- In Real COM mode, when the modem status of the NPort's serial port is changed frequently, the NPort will sometimes fail to notify the change to the driver.
- In reverse telnet mode, the NPort will try to subnegotiate the COM port control options without option negotiation first.

### **Changes**

N/A

### **Notes**

N/A