



## Firmware for NPort 5200A Series Release Notes

<b>Version: v1.4</b>	<b>Build: Build 17030709</b>
<b>Release Date: Mar 15, 2017</b>	

### **Applicable Products**

NPort 5210A, NPort 5230A, NPort 5250A, NPort 5210A-T, NPort 5230A-T, NPort 5250A-T

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

N/A

### **Bugs Fixed**

- The user's password and SNMP community name may be exposed by buffer overflow issue.

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v1.3</b>	<b>Build: Build 1610041</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

NPort 5210A, NPort 5230A, NPort 5250A, NPort 5210A-T, NPort 5230A-T, NPort 5250A-T

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Enhance web login security and support 5 users login simultaneously.
- Extend HTTP's challenge ID length from 32 bits to 256 bits.
- Enable default password as "moxa".
- Increase CSRF protection mechanism.
- Increase XSS protection mechanism.
- IP of NPort Can be set to address ending with 0 or 255.
- Support "ARP probe" in RFC5227. NPort would response for ARP requests with sender IP address 0.0.0.0.

### **Bugs Fixed**

- NPort can't send e-mail by using Google's SMTP server.
- In pair connection mode, master doesn't pull down RTS/DTR signal after TCP connection is broken.
- Command port sends lots of "D\_ASPP\_CMD\_ALIVE" packets after running 50 days.
- Connect too many connection to HTTP server at the same time will block the new connection for a while.
- NPort may reboot or hang under severel buffer overflow attacks on Telnet, SSH, DSCI, SNMP,

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v1.2</b>	<b>Build: Build 15041515</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

NPort 5210A, NPort 5230A, NPort 5250A, NPort 5210A-T, NPort 5230A-T, NPort 5250A-T

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Use model name instead of "NULL" for SNMP object "sysDescr".
- Support connecting to the server by domain name and server's IP would change dynamically.
- Support updating ARP table by gratuitous ARP.
- Support RFC2217 NOTIFY-LINESTATE for Transfer Shift Register Empty and Transfer Holding Register Empty.

### **Bugs Fixed**

- If a GETNEXT command of SNMP is issued on an object that does not exist, it displays 'no such name error'.
- In DHCP renewing IP stage, if the IP was originally given by a relay agent, NPort should send DHCP Request to relay agent, not the DHCP server.
- In Real COM mode, when modem status of the NPort's serial port is changed frequently, NPort sometimes fail to notify the change to the driver.
- NPort under reverse telnet mode try to sub-negotiate the COM port control options without option negotiation first.
- In RFC2217 Mode, when the data from ethernet side have many FF characters, some data may be lost on serial side.
- Modified parsing data mechanism to fix import file fail.
- Customer is unable to see the baud rate by using Telnet console at "View settings".

### **Changes**

N/A

### **Notes**

N/A