Firmware for NPort IA5450A Series Release Notes

Version: v1.4	Build: Build 18051118
Release Date: Nov 10, 2016	

Applicable Products

NPort IA5450A, NPort IA5450AI, NPort IA5450AI-T, NPort IA5450A-T, NPort IA5450A-IEX, NPort IA5450AI-IEX, NPort IA5450AI-T-IEX, NPort IA5450A-T-IEX

Supported Operating Systems

N/A

New Features

• Supports new flash component to deal with component end-of-life.
• Supports new RTC RX8130CE.
• Supports 12-byte serial numbers.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A

Version: v1.4	Build: Build 16100514
Release Date: N/A	

Applicable Products

NPort IA5450A, NPort IA5450AI, NPort IA5450AI-T, NPort IA5450A-T, NPort IA5450A-IEX, NPort IA5450AI-IEX, NPort IA5450AI-T-IEX, NPort IA5450A-T-IEX

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.
• IP of NPort can be set to addresses ending with 0 or 255.
• Enabled the default password "moxa".
• Increased CSRF protection mechanism.
• Increased XSS protection mechanism.
• Supports "ARP probe" in RFC5227. NPort would respond to 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

Version: v1.3	Build: Build 15041515
Release Date: N/A	

Applicable Products

NPort IA5450A, NPort IA5450AI, NPort IA5450AI-T, NPort IA5450A-T, NPort IA5450A-IEX, NPort IA5450AI-IEX, NPort IA5450AI-T-IEX, NPort IA5450A-T-IEX

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.
• Supports time synchronization with an NTPv4 server.
• Supports RFC2217 NOTIFY-LINESTATE for Transfer Shift Register Empty and Transfer Holding Register Empty.

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.
• In RFC2217 Mode, if the Ethernet data has many FF characters, some data may be lost while passing data to the serial side.
• Modified parsing data mechanism to fix import file failure.
• Unable to see the baud rate through a Telnet console on the "View settings" side.
• System reboots when receiving IGMP packets.
• The trap settings for port auto warning in the configuration file will be set to email settings after import.
• The destination and local port settings of TCP client mode would not be set to the correct values after setting the values from the web page.
• Web Console cannot display web pages when refreshing or switching web pages frequently using IE8.

Changes

N/A

Notes

N/A