Software Name: NPort 51x0 Series Firmware

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/Enhancements	Bugs Fixed/Changes	Note
3.8	Build 17102516	N/A	NPort 5130, NPort 5150	**Enhancements:** 1. ICS-CERT ICS-VU-398374 Moxa NPort 5110 ethernet leaking vulnerability report. 2. ICS-CERT ICS-VU-034903 Moxa NPort 5110 vulnerability report. 3. ICS-CERT ICS-VU-923791 Moxa NPort 5110 flood attack vulnerability report.	**Bugs Fixed:** 1. Pair connection mode can not resolve domain name.	**N/A**
3.7	Build 17030709	N/A	NPort 5130, NPort 5150	**N/A**	**Bugs Fixed:** 1. The user's password and SNMP community name may be exposed by buffer	**N/A**
3.6	Build 16100411	N/A	NPort 5130, NPort 5150	**Enhancements:** 1. Support "ARP probe" in RFC5227. NPort would response for ARP requests with sender IP address 0.0.0.0. 2. Enhance web login security and support 5 users login simultaneously. 3. Extend HTTP's challenge ID length from 32 bits to 256 bits. 4. Enable default password as "moxa". 5. Increase CSRF protection mechanism. 6. Increase XSS protection mechanism. 7. IP of NPort Can be set to address ending with 0 or	**Bugs Fixed:** 1. NPort can't send e-mail by using Google's SMTP server. 2. In pair connection mode, master doesn't pull down RTS/DTR signal after TCP connection is broken. 3. Command port sends lots of "D_ASPP_CMD_ALIVE" packets after running 50 days. 4. NPort may reboot or hang under serveral buffer overflow attacks on Telnet, SSH, DSCI, SNMP, HTTP and HTTPS.	**N/A**
3.5	Build 15041515	N/A	NPort 5130, NPort 5150	**Enhancements:** 1. Use model name instead of "NULL" for SNMP object "sysDescr". 2. Support connecting to the server by domain name and server's IP would change dynamically. 3. Support updating ARP table by gratuitous ARP. 4. Improved the URL encoding issue when user typed the character '@' at email trap settings on Firefox browser.	**Bugs Fixed:** 1. If a GETNEXT command of SNMP is issued on an object that does not exist, it displays 'no such name error'. 2. 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. 3. 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. 4. NPort under reverse telnet mode try to sub-negotiate the COM port control options without option negotiation first.	**N/A**